



API Guide

Taleo Business Edition

December 2009

Copyright Notice

CONFIDENTIAL INFORMATION OF TALEO.

UNAUTHORIZED USE IS STRICTLY PROHIBITED.

Taleo is a trademark of Taleo Inc.

© Taleo. All rights reserved.

These *Release Notes* are protected by copyright and other intellectual property law and is subject to the confidentiality and other restrictions specified in the Agreement.

Taleo
4140 Dublin Boulevard, Suite 400
Dublin, CA 94568
United States
Tel.: 925.452.3000
Fax: 925.452.3001
www.taleo.com

Contents

COPYRIGHT NOTICE	2
WELCOME	8
Audience and Background	8
Required Knowledge and Skills	8
Support.....	9
INTRODUCTION	9
Security and User Authentication.....	9
Obtaining the Taleo Business Edition WSDLs	10
Importing the WSDLs to Your Development Platform	10
Getting Started.....	10
Error Tracing.....	11
API SIMPLE DATA OBJECTS (BEANS).....	11
Important Notes on Data Transfer:	12
Required Fields.....	12
XML Data Types	13
ACCOUNT API CALLS.....	13
createAccount Element:	14
deleteAccount Element:	16
getAccountById Element:	17
getAccountHistory Element:.....	18
searchAccount Element:	20
updateAccount Element:	23
ATTACHMENT API CALLS	25
createAttachment Element:	25
createEntityAttachment Element:.....	27
deleteAttachment Element:	28
getAttachment Element:.....	29
getAttachmentData Element:.....	31
getAttachments Element:.....	32
getEntityAttachments Element:	33

updateAttachment Element:	34
BACKGROUND CHECK API CALLS.....	36
createBackgroundCheck Element:.....	37
deleteBackgroundCheck Element:.....	38
getBackgroundCheckById Element:.....	39
getBackgroundChecksByCandidate Element:.....	41
updateBackgroundCheck Element:	42
CANDIDATE API CALLS.....	44
createCandidate Element:	47
deleteCandidate Element:	49
getCandidateById Element:	50
getCandidateDetailsById Element:	53
getCandidateHistory Element:.....	57
getCandidatesByRequisition Element:.....	58
getCandidateWorkHistory Element:.....	60
getCandReqStatus Element:	62
searchCandidate Element:.....	65
submitCandidate Element:	68
removeCandidate Element:	69
updateCandidate Element:.....	71
upsertCandidateToRequisitions Element:	73
CANDIDATE ROLLING ENTITY CALLS.....	76
deleteRollingEntity Element:	77
getRollingEntities Element:.....	78
upsertRollingEntity Element:	83
CONTACT API CALLS.....	84
createContact Element:	86
deleteContact Element:	88
getContactById Element:	89
updateContact Element:.....	95
CONTACT LOG API CALLS.....	97
createContactLog Element:	97
deleteContactLog Element:	99
getContactLogById Element:	100
getContactLogsByEntity Element:.....	101

updateContactLog Element:	103
EMAIL LOG API CALLS.....	104
createEmailLog Element:	104
createEmailSentLog Element:	106
EMPLOYEE API CALLS	107
createEmployee Element:.....	110
deleteEmployee Element:.....	113
deleteEmployeeByNumber Element:	114
getEmployeeById Element:.....	115
getEmployeeByNumber Element:	117
searchEmployee Element:	119
updateEmployee Element:	122
upsertEmployee Element:.....	125
EVENT API CALLS.....	128
createEvent Element:.....	130
deleteEvent Element:.....	132
getEventByEntity Element:	133
getEventById Element:.....	134
getPublicEvents Element:	136
updateEvent Element:	137
INTERVIEW API CALLS	139
createInterview Element:	140
deleteInterview Element:	142
getInterviewsByCandidate Element:	143
getInterviewById Element:	144
updateInterview Element:	146
LINK API CALLS.....	148
createLink Element:	148
removeLink Element:	150
LOGIN API CALLS.....	151
getUrl Element	151
login Element:	152
logout Element:.....	153

getLoginToken Element:	154
METADATA / PICKLIST API CALLS	155
getLookup Element:	156
getMetadata Element:	158
OFFER API CALLS	160
createOffer Element:	161
deleteOffer Element:	163
getBinaryOffer Element:	164
getOfferById	165
getOffers Element:	166
setBinaryOffer	168
updateOffer Element:	169
REFERENCE API CALLS	171
createReference Element:	172
deleteReference Element:	173
getReferencesByCandidate Element:	174
getReferenceById Element:	176
updateReference Element:	177
REQUISITION API CALLS	180
createRequisition Element:	181
createRequisitionTemplate Element:	182
deleteRequisition Element:	184
getRequisitionById Element:	185
getRequisitionHistory Element:	188
getRequisitions Element:	63
postRequisition Element:	190
searchRequisition Element:	192
unpostRequisition Element:	195
updateRequisition Element:	197
RESUME API CALLS	199
getBinaryResume Element:	199
parseResume Element:	200
parseResumeIntoCandidate Element:	202
setBinaryResume Element:	203

SEARCH API CALLS	205
System-Wide Search Definition:	205
SYSTEM API CALLS	207
getEnabledServices Element:.....	207
getSystemProps Element:	208
TASK API CALLS	211
createTask Element:	213
deleteTask Element:	215
getTaskByEntity Element:	216
getTaskById Element:	217
getTaskByUser Element:	219
updateTask Element:	220
USER API CALLS	222
createUser Element:	226
createUserWithPermissions Element:	227
deleteUser Element:	230
getUserById Element:	231
getUserHistory Element:.....	232
searchUser Element:	234
updateUser Element:	237
USER ASSOCIATION CALLS	239
getAssociatedUsers Element:	239
removeAssociatedUser Element:.....	241
setAssociatedUser Element:	242

Welcome

Audience and Background

This guide is intended for developers who plan to utilize the Taleo Business Edition platform API for integration with third-party products and services.

The Taleo Business Edition SOAP API provides programmatic access to the Taleo Business Edition application. The API provides the same functions and capabilities as a logged in user of the system would have access to. Developers are able to build custom applications and services in their platform of choice that supports the open standard “Web Services” methodology via the utilization of:

- Simple Object Access Protocol (SOAP) calls
- Taleo defined Web Services Definition Language (WSDL), and
- XML Schema Definition language (XSD)

All areas are defined within this document.

Required Knowledge and Skills

Use of this guide assumes you are already familiar with the following:

- Taleo Business Edition (click Knowledgebase & Help sections from your instance)
- HTML (details at <http://www.w3schools.com/html/default.asp>)
- XML and XHTML (details at <http://www.w3schools.com/xml/default.asp>)
- Web Services (details at <http://www.w3schools.com/webservices/default.asp>)
- SOAP (details at: <http://www.w3schools.com/soap/default.asp>)

A SOAP client can be written in a wide range of development tools and platforms, such as Java, Visual Basic, Perl, C#, PHP, .NET, etc. As such, Taleo does not provide platform code support or sample code to developers. The API is inherent to the application, not a supported module, and Taleo assumes that developers are experts in their platform of choice with utilizing web services.

A sample client-side API Toolkit using the IBM Apache Foundation Axis implementation is available for reference at <http://www.taleo.com/solutions/business-edition-integration-web-api.php> if valued. Additional documentation and details on IBM Apache Foundation Axis is available at: <http://ws.apache.org/axis/>. Please note that the API Toolkit requires JDK 1.4 or above, which can be downloaded from <http://java.sun.com>.

Simple SOAP-based sample test cases have been provided within the API Guide to provide assistance and direction in making Taleo Business Edition API calls.

Support

Contact Taleo Business Edition Support for any technical issues as they pertain to the API at tbe.support@taleo.com.

Introduction

The Taleo Business Edition Web API provides for simple integration between Taleo and other systems by means of SOAP-based web services procedure calls. The API uses SOAP over HTTPS to receive requests and send responses, allowing seamless integration between Taleo and other enterprise applications regardless of the programming language used by the client.

Security and User Authentication

Only Taleo Premium Service customers can access the Taleo Web API. If you are a trial customer, or current Taleo subscriber interested in evaluating the Web API, please contact your sales representative to request Premium Service for access.

Taleo Business Edition API exposes all SOAP methods using SSL, however an SSL certificate is not required by the client application.

Client applications must make a login call to the Taleo Web API providing valid credentials of an existing defined user within the Taleo Business Edition user interface. Either a new user will need to be created within the application, or an existing user can be utilized. Client applications that access the Taleo Business Edition API are subjected to the same Access Control restrictions as defined within the application; please validate what controls you will need the API to use and define a user with the appropriate controls accordingly.

Credentials needed to log in to the API include (in login call order):

- Company Code
- User Name
- Password

If login is successful, the call will return a session ID to be used in all subsequent calls to the API as the very first parameter.

Obtaining the Taleo Business Edition WSDLs

As with all standards-based SOAP API's, the Taleo Business Edition API definition is available on the Web Service as an XML-formatted WSDL file. Two WSDL's are required for integrating with Taleo Business Edition:

1. DispatcherAPI: <http://tbe.taleo.net/wsd/DispatcherAPI.wsd>
2. WebAPI: <http://tbe.taleo.net/wsd/WebAPI.wsd>

The DispatcherAPI WSDL provides one simple function: request the organization code and receive a response URL of where the account/zone is located in the pool of Taleo Business Edition servers. The reason for the Dispatcher is that accounts/zones may be moved to a new server pool for optimal load balancing. The Dispatcher ensures that the client application will always find the organization zone URL.

The WebAPI WSDL defines all of the Taleo Business Edition calls. For more information on WSDL(s), see: <http://www.w3.org/TR/wsd/>.

Free online WSDL readers are available if required. The following is one found on W3: <http://www.w3.org/2000/06/webdata/xslt?xsltfile=http://tomi.vanek.sk/xml/wsd-viewer.xsl&xmlfile=http://tbe.taleo.net/wsd/WebAPI.wsd&transform=Submit#op.d1e1025>.

Importing the WSDLs to Your Development Platform

After you obtain the two Taleo Business Edition WSDLs, import them into your development environment for building your Web service applications. The import process depends on the development environment, programmatic language and tools. For example, the Microsoft Visual Studio development environment handles the tasks automatically.

A good start would be to practice WSDL import and web service call initiations with a generic web service tool prior to actual coding. Using a tool like SOAPUI (<http://soapui.org>), which comes in a freeware and premium licensed version, allows users to create web service projects, practice requests and test cases. It is highly recommended to go down this path first.

NOTE: Taleo assumes you are familiar with basic programming concepts and already have a programming development environment set up on your computer.

Getting Started

A typical scenario of using the Taleo Web API is:

1. Customer builds a SOAP client to interact with Taleo Web API.
2. The very first call is made to the Dispatcher API to present valid company code and obtain entry URL to be used in all subsequent calls. This call is always made to URL <https://tbe.taleo.net/MANAGER/dispatcher/servlet/rpcrouter>.
3. SOAP client makes login call to the received company code URL and present valid credentials of an existing user.
4. Customer's SOAP client sends various requests to the Taleo Web API This may include, for example, searching through the candidates or requisitions database, requesting detailed information on a particular candidate or requisition, creation of a new candidate record, etc.
5. At the end of the session, customer's SOAP client logs out of Taleo.

Refer to the 'Login API Calls' section for details on logging in and logging out of Taleo Business Edition.

Error Tracing

Most issues can be resolved in minutes if the XML error can be provided. Web API errors may occur during the communication process, which will not provide the error log within Taleo Business Edition for Taleo's support team to analyze. In addition, a programmer is shielded from the XML trace. As such, it is essential to trace the communication between the client and Taleo Business Edition API, through third-party tools like tcpmon (<https://tcpmon.dev.java.net/>). tcpmon is an open-source utility for monitoring the data flowing on a TCP connection. tcpmon is used by placing it in-between a client and a server. The client is made to connect to tcpmon, and tcpmon forwards the data to server along-with displaying it in its GUI.

Note: It is up to the client programmer to be sure that any value assigned to a string field of a bean is compliant with the W3C XML spec. Please ensure control or bad characters (i.e. #xC) are shielded from field elements.

API Simple Data Objects (Beans)

The Taleo Web API uses the following simple data objects to send and receive information:

- accountBean
- attachmentBean
- backgroundCheckBean
- calendarEventBean
- candidateBean
- contactBean
- contactLogBean
- employeeBean

- flexFieldBean
- historyBean
- interviewBean
- offerBean
- participantBean
- referenceBean
- requisitionBean
- searchResultBean
- taskBean
- userBean

Important Notes on Data Transfer:

- Binary candidate resumes and offer letters are sent and received as array of bytes wrapped into ByteArr.
- Values from pick lists, such as candidate Source or State/Region are transferred as strings, although on the server side they are stored as ID numbers. This is done because server side ID numbers are meaningless for external clients. These string values can be ERP codes assigned to lookup values or display labels. This also assumes that all values from pick lists have unique display labels.
- To identify user Web API uses login name. For instance, to assign requisition's approvers, Web API takes a list of login names.
- There are several fields which cannot be modified by the client, for example: an object's unique id #, creation date, and last modified date. These fields are marked "read-only" in the tables below.
- When an object is created or modified, the same policy is applied as if the object is created/modified by a user using Taleo through the standard browser interface. For instance, an attached file must meet security requirements, all mandatory fields specified for a given candidate must be present, etc. If required conditions are not met in any given transaction sent by the client, the operation will fail and a SOAP failure response will be generated.
- Arrays of returned objects are wrapped in special beans such as SearchResultsArr and HistoryBeanArr.

Required Fields

Fields marked as "required" in Administration section (both standard and custom) are also required in Web API. Fields which are always required are marked in the sections below. If the Web API client is trying to create an object without supplying all required fields, an exception will be thrown.

XML Data Types

Taleo Business Edition SOAP API data types are based on the XML data types shown below.

- Boolean - A logical value, including true, false, 0, and 1.
- dateTime Date/time values (timestamps).
- double - Numeric value
- int - Numeric value
- string - Any character data
- long – Server side value

Account API Calls

Accounts are the companies and organizations involved with your business such as employers, customers, search firms, agencies, etc.

accountBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	No	Account's Status from pick list
name	String	Yes	Account's name
parentAccountId	long	No	ID of parent account
type	String	No	Account's type (from pick list)
industry	String	No	Industry (from pick list)
phone	String	No	Phone number
fax	String	No	Fax number
website	String	No	Web site URL
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code

state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
description	String	No	Account's description
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createAccount Element:

Operation type: Request-response.

- The endpoint receives a message to create an account, and sends a correlated message of account ID.

Input: createAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	accountBean[]	*	flexValues [] status address city country description fax

			industry name * parent phone state type website zipCode
--	--	--	--

Output: createAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createAccountReturn	Long	Yes	Provided Account ID

createAccount Test Case:

Input: createAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createAccount>
      <in0>webapi-8483625119411683650</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
          <item>
            <fieldName>inSalesForce</fieldName>
            <valueBool>false</valueBool>
          </item>
        </flexValues>
        <address>99 Seymour</address>
        <city>San Paolo</city>
        <country>Brazil</country>
        <description>TESTING</description>
        <fax>894-439-0404</fax>
        <industry>Aerospace</industry>
        <name>Brazil Aero</name>
        <phone>894-439-0404</phone>
        <type>Partner</type>
        <webSite>www.brazil.com</webSite>
      </in1>
    </urn:createAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

Output: createAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createAccountResponse xmlns="urn:TBEWebAPI">
      <createAccountReturn xmlns="">1</createAccountReturn>
    </createAccountResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteAccount Element:

Operation type: Request-response.

- The endpoint receives a message to delete an account, and sends a correlated message only if error occurred.

Input: deleteAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Account ID	Yes	ID of Account

Output: deleteAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteAccountReturn			

deleteAccount Test Case:

Input: deleteAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteAccount>
```



```

    <in0>webapi-8483625119411683650</in0>
    <in1>1</in1>
  </urn:deleteAccount>
</soapenv:Body>
</soapenv:Envelope>

```

Output: deleteAccountResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteAccountResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

getAccountById Element:

Operation type: Request-response.

- The endpoint receives a message to get an account details, and sends a correlated message of Account information.

Input: getAccountByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Account ID	Yes	ID of Account

Output: getAccountByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAccountByIdReturn	accountBean []		

getAccountById Test Case:

Input: getAccountByIdRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>

```

```

<urn:getAccountById>
  <in0>webapi-8483625119411683650</in0>
  <in1>2</in1>
</urn:getAccountById>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getAccountByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAccountByIdResponse xmlns="urn:TBEWebAPI">
      <getAccountByIdReturn xmlns="">
        <creationDate>2009-08-20T20:47:36.123Z</creationDate>
        <flexValues/>
        <id>2</id>
        <lastUpdated>2009-08-20T20:47:36.123Z</lastUpdated>
        <status>Created</status>
        <address>99 Seymour</address>
        <city>San Paolo</city>
        <country>Brazil</country>
        <description>TESTING</description>
        <fax>894-439-0404</fax>
        <industry>Aerospace</industry>
        <name>Brazil Aero</name>
        <parentAccountId>0</parentAccountId>
        <phone>894-439-0404</phone>
        <state xsi:nil="true"/>
        <type>Partner</type>
        <webSite>www.brazil.com</webSite>
        <zipCode xsi:nil="true"/>
      </getAccountByIdReturn>
    </getAccountByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getAccountHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get an account history, and sends a correlated message of Account history information.

- This object is used to fetch a history log entry which reflects a past event or action related to accounts. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getAccountHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Account

Output: getAccountHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAccountHistoryReturn	historyBean []		

getAccountHistory Test Case:

Input: getAccountHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAccountHistory>
      <in0>webapi-8483625119411683650</in0>
      <in1>2</in1>
    </urn:getAccountHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAccountHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAccountHistoryResponse xmlns="urn:TBEWebAPI">
      <getAccountHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-08-20T20:47:36.123Z</creationDate>
            <emailText xsi:nil="true"/>
          </item>
        </array>
      </getAccountHistoryReturn>
    </getAccountHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <id>502</id>
    <text>Account created</text>
    <userName>skarim</userName>
  </item>
</array>
</getAccountHistoryReturn>
</getAccountHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

searchAccount Element:

Operation type: Request-response.

- The endpoint receives a message to query all accounts based on defined key (field name) and value (data looking for), and sends a correlated message of Account ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
 - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
 - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:

- key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="US" will search for all candidates with country field equals to "United States".
 - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Account Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in account's description. Identical syntax as used in Taleo browser interface.
name	String	Account's name
parentAccountId	String	ID of parent account
type	String	Account's type
industry	String	Industry
phoneAll	String	Any account's phone number
city	Pick list	City name
state	String	State, region or province name from pick list
country	String	Country code from pick list
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchAccountReturn	searchResultBean []		

searchAccount Test Case:

Input: searchAccountRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchAccount>
      <in0>webapi-8483625119411683650</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>type</key>
          <value>partner</value>
        </item>
      </in1>
    </urn:searchAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchAccountResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchAccountResponse xmlns="urn:TBEWebAPI">
      <searchAccountReturn xmlns="">
        <array>
          <item>
            <id>2</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchAccountReturn>
    </searchAccountResponse>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

updateAccount Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing account, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the accountBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateAccountRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	accountBean[]	*	flexValues id * status address city country description fax industry name * parent phone state type website zipCode

Output: updateAccountResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateAccountReturn			

updateAccount Test Case:

Input: updateAccountRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateAccount>
      <in0>webapi-5507217897911844945</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
          <item>
            <fieldName>inSalesForce</fieldName>
            <valueBool>true</valueBool>
          </item>
        </flexValues>
        <id>2</id>
        <address>4000 Railroad Road</address>
        <city>San Paolo</city>
        <country>Brazil</country>
        <description>TESTING</description>
        <fax>894-439-0404</fax>
        <industry>Aerospace</industry>
        <name>Brazil Aero</name>
        <phone>894-439-0404</phone>
        <type>Partner</type>
        <webSite>www.brazil.com</webSite>
      </in1>
    </urn:updateAccount>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: updateAccountResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateAccountResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```


Attachment API Calls

Attachments are all of the appended files associated with any entity in Taleo Business Edition. There is a one-to-many relationship with attachments to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

attachmentBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Attachment's unique server side ID.
entityType	String		Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	Long		ID of associated entity
description	String		Description of the file
filename	String		Binary File Name
contentType	String		Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
data	ByteArr		base64Binary []
creationDate	Date	Read Only	Date attachment was created

createAttachment Element:

Operation type: Request-response.

- The endpoint receives a message to create an attachment for a specific candidate, and sends a correlated message of attachment ID.

Input: createAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Candidate ID
in2	String	Yes	Attachment Description
in3	String	Yes	Attachment Name
in4	String	Yes	contentType
in5	ByteArr	Yes	binaryResume

Output: createAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createAttachmentReturn	Long	Yes	Provided Attachment ID

createAttachment Test Case:

Input: createAttachmentRequest

```

soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createAttachment>
      <in0>webapi-5616904436472928038</in0>
      <in1>15</in1>
      <in2>test1.docx</in2>
      <in3>test1.docx</in3>
      <in4>application/vnd.openxmlformats-
officedocument.wordprocessingml.document</in4>
      <in5>
        <!--type: base64Binary-->
        <array>JVBERi0xLjQNJeLjz9MNCjYgMCBvYmogPDwvTGluZWYyaX==</array>
      </in5>
    </urn:createAttachment>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createAttachmentResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

```

```

<soapenv:Body>
  <createAttachmentResponse xmlns="urn:TBEWebAPI">
    <createAttachmentReturn xmlns="">154</createAttachmentReturn>
  </createAttachmentResponse>
</soapenv:Body>
</soapenv:Envelope>

```

createEntityAttachment Element:

Operation type: Request-response.

- The endpoint receives a message to create an attachment for a specific ID associated with a specific entity (i.e. Candidate, Employee, Account, etc.), and sends a correlated message of attachment ID.

Input: createEntityAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	Long	Read Only	Attachment's unique server side ID.
entityType	String		Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
entityId	Long		ID of associated entity
description	String		Description of the file
filename	String		Binary File Name
contentType	String		Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
data	ByteArr		base64Binary []

Output: createEntityAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEntityAttachmentReturn	Long	Yes	Provided Attachment ID

createEntityAttachment Test Case:

Input: createEntityAttachmentRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEntityAttachment>
      <sessionId>webapi8668622358131845860</sessionId>
      <entityType>REQU</entityType>
      <entityId>69</entityId>
      <description>pdfAttachment</description>
      <fileName>new.pdf</fileName>
      <contentType>application/pdf</contentType>
      <data>
        <!--type: base64Binary-->
<array>JVBERi0xLjQNJeLj9MNCjYgMCBvYmogPDdwVTGluZWYyaXplZCAxL0wgMTg3NT==</arra
y>
      </data>
    </urn:createEntityAttachment>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createEntityAttachmentResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEntityAttachmentResponse xmlns="urn:TBEWebAPI">
      <createEntityAttachmentReturn xmlns="">157</createEntityAttachmentReturn>
    </createEntityAttachmentResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteAttachment Element:

Operation type: Request-response.

- The endpoint receives a message to delete an attachment, and sends a correlated message only if error occurred.

Input: deleteAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: deleteAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteAttachmentReturn			

deleteAttachment Test Case:

Input: deleteAttachmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteAttachment>
      <in0>webapi9172860277027829324</in0>
      <in1>8</in1>
    </urn:deleteAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteAttachmentResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteAttachmentResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getAttachment Element:

Operation type: Request-response.

- The endpoint receives a message to get an attachment by attachment ID, and sends a correlated message of attachment name, type, creation date and ID.

Input: getAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: getAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentReturn	attachmentBean []		

getAttachment Test Case:

Input: getAttachmentRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachment>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:getAttachment>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAttachmentResponse

```
<soapenv:Body>
  <getAttachmentResponse xmlns="urn:TBEWebAPI">
    <getAttachmentReturn xmlns="">
      <contentType>application/vnd.openxmlformats-officedocument.wordprocessingml.document</contentType>
      <creationDate>2009-09-04T18:33:50.830Z</creationDate>
      <description>file_7896653827536535960.docx</description>
      <id>3</id>
    </getAttachmentReturn>
  </getAttachmentResponse>
</soapenv:Body>
</soapenv:Envelope>
```

getAttachmentData Element:

Operation type: Request-response.

- The endpoint receives a message to get attachment data by ID, and sends the correlated binary attachment data.

Input: getAttachmentDataRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of attachment

Output: getAttachmentDataResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentDataReturn	base64Binary []		

getAttachmentData Test Case:

Input: getAttachmentDataRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachmentData>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:getAttachmentData>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAttachmentDataResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAttachmentDataResponse xmlns="urn:TBEWebAPI">
```

```

<getAttachmentDataReturn xmlns="">
  <array>UESDBBQABgAIAAAAIQAwySgMcgEAAKUFAAATAAgC ==</array>
</getAttachmentDataReturn>
</getAttachmentDataResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getAttachments Element:

Operation type: Request-response.

- The endpoint receives a message to get attachment(s) associated with a candidate, and sends back attachment IDs.

Input: getAttachmentsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getAttachmentsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAttachmentReturn	array of attachment IDs		

getAttachments Test Case:

Input: getAttachmentsRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAttachments>
      <in0>webapi1673199911353581754</in0>
      <in1>48</in1>
    </urn:getAttachments>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getAttachmentsResponse


```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAttachmentsResponse xmlns="urn:TBEWebAPI">
      <getAttachmentsReturn xmlns="">
        <array>
          <item>4</item>
          <item>3</item>
        </array>
      </getAttachmentsReturn>
    </getAttachmentsResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getEntityAttachments Element:

Operation type: Request-response.

- The endpoint receives a message to get attachment(s) associated with any Taleo Business Edition entity that supports attachment upload, and sends back attachment IDs associated with the entity ID.

Input: getEntityAttachmentsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
entityType	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
entityID	Long	Yes	ID of associated entity

Output: getEntityAttachmentsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEntityAttachmentReturn	array of attachment IDs		

getEntityAttachments Test Case:

Input: getEntityAttachmentsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEntityAttachments>
      <sessionId>webapi4356913335216569919</sessionId>
      <entityType>REQU</entityType>
      <entityId>69</entityId>
    </urn:getEntityAttachments>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEntityAttachmentsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEntityAttachmentsResponse xmlns="urn:TBEWebAPI">
      <getEntityAttachmentsReturn xmlns="">
        <array>
          <item>7</item>
          <item>1</item>
        </array>
      </getEntityAttachmentsReturn>
    </getEntityAttachmentsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

updateAttachment Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing attachment, and sends a correlated message only if error occurred.
- Please Note: Update requests replaces the attachment file (i.e. data is not appended or upserted).

Input: updateAttachmentRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Session ID received at Login
in1	Long	Yes	Attachment ID
in2	String	Yes	Attachment Description
in3	String	Yes	Attachment Name
in4	String	Yes	contentType
in5	ByteArr	Yes	binaryResume

Output: updateAttachmentResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateAttachmentReturn			

updateAttachment Test Case:

Input: updateAttachmentRequest

```

soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateAttachment>
      <in0>webapi-5616904436472928038</in0>
      <in1>15</in1>
      <in2>test1.docx</in2>
      <in3>test1.docx</in3>
      <in4>application/vnd.openxmlformats-
officedocument.wordprocessingml.document</in4>
      <in5>
        <!--type: base64Binary-->
        <array>JVBERi0xLjQNJeLjz9MNCjYgMGBvYmogPDwvTGluZWYyaX==</array>
      </in5>
    </urn:updateAttachment>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: updateAttachmentResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateAttachmentResponse xmlns="urn:TBEWebAPI"/>

```

```
</soapenv:Body>
</soapenv:Envelope>
```

Background Check API Calls

Background checks provides background check information that may have occurred for a specific candidate in Taleo Business Edition. There is a one-to-many relationship with candidates to background checks.

backgroundCheckBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
Status	String	No	Account's Status from pick list
Creator	String	Yes	Creator's login name
CandidateId	long	Yes	ID of candidate
CheckerName	String	Yes	Name of the checker
CheckerPhone	String	No	Phone of the checker
CheckerEmail	String	No	Email of the checker
Comments	String	No	Comments
CreationDate	Date	Read Only	Creation date
LastUpdated	Date	Read Only	Last updated date
FlexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field

DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createBackgroundCheck Element:

Operation type: Request-response.

- The endpoint receives a message to create a background check, and sends a correlated message of background check ID.

Input:createBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	backgroundCheckBean[]	*	flexValues [] CandidateId * CheckerName * CheckerPhone CheckerEmail Comments * Status

Output: createBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createBackgroundCheckReturn	Long	Yes	Provided Background Check ID

createBackgroundCheck Test Case:

Input: createBackgroundCheck Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>
        <flexValues>
```

```

    <!--Zero or more repetitions:-->
    </flexValues>
    <candidateId>48</candidateId>
    <checkerEmail>sara@intellius.com</checkerEmail>
    <checkerName>Intellius Background</checkerName>
    <checkerPhone>630-345-6978</checkerPhone>
    <comments>Package 1 background check process</comments>
  </in1>
</urn:createBackgroundCheck>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createBackgroundCheckResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createBackgroundCheckResponse xmlns="urn:TBEWebAPI">
      <createBackgroundCheckReturn xmlns="">2</createBackgroundCheckReturn>
    </createBackgroundCheckResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteBackgroundCheck Element:

Operation type: Request-response.

- The endpoint receives a message to delete a background check instance, and sends a correlated message only if error occurred.

Input: deleteBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Background Check ID	Yes	ID of Background Check

Output: deleteBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteBackgroundCheckReturn			

deleteBackgroundCheck Test Case:

Input: deleteBackgroundCheckResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>3</in1>
    </urn:deleteBackgroundCheck>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteBackgroundCheckResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteBackgroundCheckResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getBackgroundCheckById Element:

Operation type: Request-response.

- The endpoint receives a message to get a specific background check by ID, and sends a correlated message of information associated with that background check instance.

Input: getBackgroundCheckByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	BackgroundCheck ID	Yes	ID of Background Check

Output: getBackgroundCheckByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBackgroundCheckByIdReturn	backgroundCheckBean []		

getBackgroundCheckById Test Case:

Input: getBackgroundCheckByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBackgroundCheckById>
      <in0>webapi1673199911353581754</in0>
      <in1>4</in1>
    </urn:getBackgroundCheckById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBackgroundCheckByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBackgroundCheckByIdResponse xmlns="urn:TBEWebAPI">
      <getBackgroundCheckByIdReturn xmlns="">
        <creationDate>2009-09-10T01:38:24.470Z</creationDate>
        <flexValues>
          <item>
            <fieldName>BackgroundCheckURL</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong>www.intellius.com/report</valueLong>
            <valueStr xsi:nil="true"/>
          </item>
        </flexValues>
        <id>4</id>
        <lastUpdated>2009-09-10T01:38:24.470Z</lastUpdated>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <checkerEmail>sara@intellius.com</checkerEmail>
```



```

<checkerName>Intellius Background Checks</checkerName>
<checkerPhone>630-345-6978</checkerPhone>
<comments>Package 3 background check process</comments>
<creator>skarim</creator>
</getBackgroundCheckByIdReturn>
</getBackgroundCheckByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getBackgroundChecksByCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to get all background checks for a specific Candidate ID, and sends a message of all background check IDs.

Input: getBackgroundChecksByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: getBackgroundChecksByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBackgroundChecksByCandidateReturn	Background Check ID(s)		

getBackgroundChecksByCandidate Test Case:

Input: getBackgroundChecksByCandidateRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBackgroundChecksByCandidate>
      <in0>webapi1673199911353581754</in0>
    </urn:getBackgroundChecksByCandidate>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <in1>48</in1>
  </urn:getBackgroundChecksByCandidate>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getBackgroundChecksByCandidateResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBackgroundChecksByCandidateResponse xmlns="urn:TBEWebAPI">
      <getBackgroundChecksByCandidateReturn xmlns="">
        <array>
          <item>4</item>
          <item>2</item>
        </array>
      </getBackgroundChecksByCandidateReturn>
    </getBackgroundChecksByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

updateBackgroundCheck Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing backgroundcheck instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the backgroundCheckBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input:updateBackgroundCheckRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	backgroundCheckBean[]	*	ID candidateID flexValues [] CandidateId * CheckerName * CheckerPhone CheckerEmail Comments *

			Status Creator
--	--	--	-------------------

Output: updateBackgroundCheckResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateBackgroundCheckReturn			

updateBackgroundCheck Test Case:

Input: updateBackgroundCheckRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateBackgroundCheck>
      <in0>webapi1673199911353581754</in0>
      <in1>
        <id>4</id>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <checkerEmail>ali@intellius.com</checkerEmail>
        <checkerName>Intellius</checkerName>
        <checkerPhone>323-434-3434</checkerPhone>
        <comments>Package 8</comments>
        <creator>skarim</creator>
      </in1>
    </urn:updateBackgroundCheck>
  </soapenv:Body>
</soapenv:Envelope>
```

Input: updateBackgroundCheckRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateBackgroundCheckResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Candidate API Calls

Candidates are all of the people you want to track in Taleo Business Edition who are (either) applicants, employee referrals, sourced prospects, agency submissions, etc.

candidateBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id	long	Read Only	Candidate's unique server side ID. Can be obtained by searching the candidate database or by creating a new candidate.
status	String	Yes	Candidate's Status name from pick list
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
email	String	Yes	Candidate's email address
phone	String	No	Phone number
cellPhone	String	No	Mobile phone number
source	String	No	Candidate's Source name from pick list
submittedBy	String	No	Login name of agency which has submitted this candidate
referredBy	String	No	Name of the employee who has referred this candidate

legalStatus	String	No	Candidate's legal status name from pick list
gender	String	No	Gender name from pick list
race	String	No	Race name from pick list
veteran	String	No	Veteran status name from pick list
rank	int	No	Candidate's rank based on ranking criteria
hiredDate	Date	No	Date of hire
startDate	Date	No	Start of employment date
textResume	String	No	Text resume and/or cover letter
resumeFileName	String	Read Only	Binary resume file name
reasonRejected	String	No	Candidate's reason for rejection from pick list
cwsPassword	String	No	Password chosen on Careers Web Site
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

candidateDetailsBean Definition:

(This object is used to fetch detailed candidate information, including related objects)

Data Field Name	Data Field Type	Required	Acceptable Values
candidateBean	candidateBean []	Yes	Candidate information
requisitionBean	requisitionBean[]	No	Requisitions associated with the candidate
interviewBean	interviewBean[]	No	Interviews associated with the candidate
referenceBeans	referenceBean[]	No	References associated with the candidate

historyBean	historyBean[]	No	History records associated with the candidate
attachmentBean	attachmentBean[]	No	Attachments associated with the candidate
offerBean	offerBean []	No	Offers associated with the candidate

candidateWorkHistoryBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Work History's unique server side ID.
entityId	long	Read Only	ID for the candidate that owns this workhistory entity
seqNo	int	No	Sequences of the workhistory relative to other entries (could be used for sorting)
jobTitle	String	No	Job Title
companyName	String	No	Company Name
dateFrom	Date	No	Start Date
dateTo	Date	No	End Date
jobDescription	String	No	Job Description
companyStreetAddress	String	No	Company's street address
companyCityState	String	No	Company's street address
phone	String	No	Company's phone number
directSupervisor	String	No	Name of the supervisor
supervisorTitle	String	No	Title of the supervisor
explanation	String	No	General description
finalRateOfPay	String	No	Final salary
okToContact	Boolean	No	Ok to contact the company
reasonForLeaving	String	No	Reason for leaving (picklist)
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

FlexValues	FlexFieldBean[]	No	Array of flexible (custom) field values
------------	-----------------	----	---

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to create a candidate, and sends a correlated message of candidate ID.

Input:createCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	candidateBean[]	*	flexValues [] status * address cellPhone city country email * firstName gender hiredDate lastName * legalStatus middleInitial

			password phone race rank reasonRejected referredBy resumeFileName source startDate state submittedBy textResume veteren zipCode
--	--	--	--

Output: createCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createCandidateReturn	Long	Yes	Provided Candidate ID

createCandidate Test Case:

Input:createCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createCandidate>
      <in0>webapi1964799883250105794</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Hired</status>
        <address>2323 Macaroni Road</address>
        <cellPhone>999-343-2344</cellPhone>
        <city>Jason</city>
        <country>US-CA</country>
        <email>scary@talent.com</email>
        <firstName>Jessica</firstName>
        <gender>Choose Not to Disclose</gender>
        <hiredDate>2009-09-04T18:33:50.830Z</hiredDate>
        <lastName>Karim</lastName>
        <legalStatus>My status to work in this country is unknown</legalStatus>
      </in1>
    </urn:createCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```



```

<middleInitial>H</middleInitial>
<password>jason</password>
<phone>748-232-2323</phone>
<race>Hispanic or Latino</race>
<rank>100</rank>
<reasonRejected>Position was canceled</reasonRejected>
<referredBy>skarim</referredBy>
<source>Other</source>
<startDate>2009-09-04T18:33:50.830Z</startDate>
<state>US-CA</state>
<submittedBy>skarim</submittedBy>
<textResume>Skilled in after school specials</textResume>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>93045</zipCode>
</in1>
</urn:createCandidate>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createCandidateResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createCandidateResponse xmlns="urn:TBEWebAPI">
      <createCandidateReturn xmlns="">49</createCandidateReturn>
    </createCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to delete a candidate, and sends a correlated message only if error occurred.

Input: deleteCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: deleteCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteCandidateReturn			

deleteCandidate Test Case:

Input: deleteCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteCandidate>
      <in0>webapi1964799883250105794</in0>
      <in1>46</in1>
    </urn:deleteCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getCandidateById Element:

Operation type: Request-response.

- The endpoint receives a message to get a candidate general information by ID, and sends a correlated message of Candidate information.
- For full candidate details, including offers, references, attachments, etc., use getCandidateDetailsById call.

Input: getCandidateByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Contact

Output: getCandidateByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateByIdReturn	candidateBean []		

getCandidateById Test Case:

Input: getCandidateByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateById>
      <in0>webapi-7865850650124675561</in0>
      <in1>48</in1>
    </urn:getCandidateById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateByIdResponse xmlns="urn:TBEWebAPI">
      <getCandidateByIdReturn xmlns="">
        <creationDate>2009-09-04T18:33:46.463Z</creationDate>
        <flexValues>
          <item>
            <fieldName/>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr>Associates Degree</valueStr>
          </item>
        </flexValues>
      </getCandidateByIdReturn>
    </getCandidateByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<item>
  <fieldName>Other (Specify Source)</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr/>
</item>
<item>
  <fieldName>Current Salary</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
<item>
  <fieldName>ssn</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr xsi:nil="true"/>
</item>
</flexValues>
<id>48</id>
<lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
<status>NEW</status>
<address>12016 194 B Street</address>
<cellPhone/>
<city>Pitt Meadows</city>
<country>Canada</country>
<email>sel_103@hotmail.com</email>
<firstName>Alisha</firstName>
<gender>Female</gender>
<hiredDate xsi:nil="true"/>
<lastName>Smith</lastName>
<legalStatus>I am authorized to work in this country for any employer</legalStatus>
<middleInitial>Alexandra</middleInitial>
<password>basketball</password>
<phone>6043754603</phone>
<race>Asian (not Hispanic or Latino)</race>
<rank>0</rank>

```

```

<reasonRejected xsi:nil="true"/>
<referredBy xsi:nil="true"/>
<resumeFileName>resume_48.docx</resumeFileName>
<source>Careers Website</source>
<startDate xsi:nil="true"/>
<state>US-AL</state>
<submittedBy xsi:nil="true"/>
<textResume/>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>60606</zipCode>
</getCandidateByIdReturn>
</getCandidateByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getCandidateDetailsById Element:

Operation type: Request-response.

- The endpoint receives a message to get candidate detailed information by ID, and sends a correlated message of detail Candidate information.
- For general candidate record details, use getCandidateById call.

Input: getCandidateDetailsByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	candidateId - Long	Yes	Candidate ID
in2	includeRequisitions – Boolean	Yes	True False
in3	includeInterviews – Boolean	Yes	True False
in4	includeReferences – Boolean	Yes	True False
in5	includeHistory – Boolean	Yes	True False
in6	includeAttachments – Boolean	Yes	True False
in7	includeOffers - Boolean	Yes	True False

Output: getCandidateDetailsByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateDetailsByIdReturn	candidateDetailsBean []		

getCandidateDetailsById Test Case:

Input: getCandidateDetailsByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateDetailsById>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>True</in2>
      <in3>True</in3>
      <in4>True</in4>
      <in5>True</in5>
      <in6>True</in6>
      <in7>True</in7>
    </urn:getCandidateDetailsById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateDetailsByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateDetailsByIdResponse xmlns="urn:TBEWebAPI">
      <getCandidateDetailsByIdReturn>
        <offerBeans xmlns=""/>
        <historyBeans xmlns="">
          <item>
            <creationDate>2009-09-04T18:39:26.620Z</creationDate>
            <emailText>From: donotreply@invalidemail.com
```

To: dies@hotmail.com

Subject: Thank you

Thank you for submitting your resume. Our management team is reviewing your qualifications and will contact you if there is a match with our current open positions.

Meanwhile, using your email address and password, you can login to our careers website anytime to update your application information.

We appreciate your interest in TaleoSK and wish you the best of luck in your job search.

Powered by Taleo

www.taleo.com</emailText>

<id>542</id>

<text>Email message Thank you sent to diesel_103@hotmail.com</text>

<userName xsi:nil="true"/>

</item>

<item>

<creationDate>2009-09-04T18:34:46.883Z</creationDate>

<emailText xsi:nil="true"/>

<id>528</id>

<text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith has been evaluated against requisition (id: 14) (id: 14) Bartender - [98079] for a score of: 0.</text>

<userName xsi:nil="true"/>

</item>

</historyBeans>

<interviewBeans xmlns=""/>

<referenceBeans xmlns=""/>

<attachmentBeans xmlns="">

<item>

<contentType>text/plain</contentType>

<creationDate>2009-09-09T23:43:40.050Z</creationDate>

<description>ConCall Details.txt</description>

<id>4</id>

</item>

</attachmentBeans>

<requisitionBeans xmlns="">

<item>

<creationDate>2009-02-09T23:03:51.430Z</creationDate>

<flexValues>

</flexValues>

<id>11</id>

<lastUpdated>2009-02-18T22:22:18.317Z</lastUpdated>

<status>Open</status>

<city>Dublin</city>

<description><![CDATA[<p>The Pre-Sales Engineer, reporting to the Canadian Delivery Manager, will be responsible for providing solution architect support to our client's services sales and pre-sales teams. Solutions are primarily in the area of Electronic Content Management, Imaging and Document Process Outsourcing.

**This is a role intended to extend the governance of the Delivery organization into the pre-sales area. This resource will be responsible for defining and validating solutions to be proposed to new and existing customers.
**

```
<br /></p>]]</description>
  <duration>FULLTIME</duration>
  <filledDate xsi:nil="true"/>
  <jobCategory>(2) Professionals</jobCategory>
  <jobCode>12345</jobCode>
  <location>Headquarters</location>
  <numOpen>1</numOpen>
  <openedDate>2009-02-09T00:00:00.000Z</openedDate>
  <payRange/>
  <state>US-CA</state>
  <title>Sales Engineer</title>
</item>
</requisitionBeans>
<candidateBean xmlns="">
  <creationDate>2009-09-04T18:33:46.463Z</creationDate>
  <flexValues>
    <item>
      <fieldName>Current Salary</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr xsi:nil="true"/>
    </item>
  </flexValues>
  <id>48</id>
  <lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
  <status>NEW</status>
  <address>12032 194 B Street</address>
  <cellPhone/>
  <city>Pitt Meadows</city>
  <country>Canada</country>
  <email>die@hotmail.com</email>
  <firstName>Alisha</firstName>
  <gender>Female</gender>
  <hiredDate xsi:nil="true"/>
  <lastName>Smith</lastName>
  <legalStatus>I am authorized to work in this country for any employer</legalStatus>
  <middleInitial>Alexandra</middleInitial>
  <password>basketball</password>
  <phone>6043754606</phone>
  <resumeFileName>resume_48.docx</resumeFileName>
```



```

<source>Careers Website</source>
<startDate xsi:nil="true"/>
<state>US-AL</state>
<submittedBy xsi:nil="true"/>
<textResume/>
<veteran>Armed Forces Service Medal Veterans</veteran>
<zipCode>60606</zipCode>
</candidateBean>
</getCandidateDetailsByIdReturn>
</getCandidateDetailsByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getCandidateHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Candidate transaction history, and sends a correlated message of transaction history for the specific candidate ID.
- This object is used to fetch a history log entry which reflects a past event or action related to candidates. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getCandidateHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate

Output: getCandidateHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateHistoryReturn	historyBean []		

getCandidateHistory Test Case:

Input: getCandidateHistoryRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>

```

```

<urn:getCandidateHistory>
  <in0>webapi-1081039353966410322</in0>
  <in1>43</in1>
</urn:getCandidateHistory>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getCandidateHistoryResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateHistoryResponse xmlns="urn:TBEWebAPI">
      <getCandidateHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-07-31T18:08:52.397Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>497</id>
            <text>Employee created from Candidate.</text>
            <userName>skarim</userName>
          </item>
          <item>
            <creationDate>2009-06-30T23:01:26.493Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>491</id>
            <text>Candidate created</text>
            <userName>skarim</userName>
          </item>
        </array>
      </getCandidateHistoryReturn>
    </getCandidateHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getCandidatesByRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to get all candidates by Requisition ID, and sends a correlated message of Candidate IDs associated with a specific requisition.

Input: getCandidatesByRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	Requisition ID

Output: getCandidatesByRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidatesByRequisitionReturn	candidate ID(s)		

getCandidatesByRequisition Test Case:

Input: getCandidatesByRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidatesByRequisition>
      <in0>webapi-1081039353966410322</in0>
      <in1>14</in1>
    </urn:getCandidatesByRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidatesByRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidatesByRequisitionResponse xmlns="urn:TBEWebAPI">
      <getCandidatesByRequisitionReturn xmlns="">
        <array>
          <item>31</item>
          <item>47</item>
          <item>48</item>
        </array>
      </getCandidatesByRequisitionReturn>
    </getCandidatesByRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getCandidateWorkHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get the rolling entity specific to a candidate's work history form details, and sends a correlated message of work history information.
- The getRollingEntities request can also be used.
- This is a manually filled in dynamic form that may not be activated in some customer zones (i.e. configured ON).

Input: getCandidateWorkHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
candidateId	Long	Yes	ID of Contact

Output: getCandidateWorkHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandidateWorkHistoryReturn	candidateWorkHistoryBean []		

getCandidateWorkHistory Test Case:

Input: getCandidateWorkHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandidateWorkHistory>
      <sessionId>webapi-1081039353966410322</sessionId>
      <candidateId>48</candidateId>
    </urn:getCandidateWorkHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandidateWorkHistoryResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandidateWorkHistoryResponse xmlns="urn:TBEWebAPI">
      <getCandidateWorkHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-04T18:33:46.463Z</creationDate>
            <flexValues>
              <item>
                <fieldName>Starting Rate Of Pay</fieldName>
                <valueBool xsi:nil="true"/>
                <valueDate xsi:nil="true"/>
                <valueDbf xsi:nil="true"/>
                <valueInt xsi:nil="true"/>
                <valueLong xsi:nil="true"/>
                <valueStr xsi:nil="true"/>
              </item>
            </flexValues>
            <id>28</id>
            <lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
            <status xsi:nil="true"/>
            <entityId>48</entityId>
            <seqNo>2</seqNo>
            <jobTitle>Dr</jobTitle>
            <companyName/>
            <dateFrom>2009-07-01T00:00:00.000Z</dateFrom>
            <dateTo>2009-09-01T00:00:00.000Z</dateTo>
            <jobDescription/>
            <companyStreetAddress/>
            <companyCityState/>
            <phone/>
            <directSupervisor/>
            <supervisorTitle/>
            <explanation/>
            <finalRateOfPay/>
            <okToContact>false</okToContact>
            <reasonForLeaving>Terminated</reasonForLeaving>
          </item>
          <item>
            <creationDate>2009-09-04T18:33:46.463Z</creationDate>
            <flexValues>
              <item>
                <fieldName>Starting Rate Of Pay</fieldName>
                <valueBool xsi:nil="true"/>

```

```

    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
</flexValues>
<id>27</id>
<lastUpdated>2009-09-04T18:33:46.463Z</lastUpdated>
<status xsi:nil="true"/>
<entityId>48</entityId>
<seqNo>1</seqNo>
<jobTitle>Dr.</jobTitle>
<companyName/>
<dateFrom>2005-01-01T00:00:00.000Z</dateFrom>
<dateTo>2009-06-01T00:00:00.000Z</dateTo>
<jobDescription/>
<companyStreetAddress/>
<companyCityState/>
<phone/>
<directSupervisor/>
<supervisorTitle/>
<explanation/>
<finalRateOfPay/>
<okToContact>false</okToContact>
<reasonForLeaving xsi:nil="true"/>
</item>
</array>
</getCandidateWorkHistoryReturn>
</getCandidateWorkHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getCandReqStatus Element:

Operation type: Request-response.

- The endpoint receives a message to get a status of a requisition for a particular candidate, and sends a correlated message of the candidate's specific requisition status.
- Candidate Requisition Status is picklist created and derived from Taleo Business Edition.

Input: getCandReqStatusRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Candidate
in2	Long	Yes	ID of requisition

Output: getCandReqStatusResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getCandReqStatusReturn	Long		Candidate Requisition Status Picklist Values

getCandReqStatus Test Case:

Input: getCandReqStatusRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getCandReqStatus>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>13</in2>
    </urn:getCandReqStatus>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getCandReqStatusResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getCandReqStatusResponse xmlns="urn:TBEWebAPI">
      <getCandReqStatusReturn xmlns="">NEW</getCandReqStatusReturn>
    </getCandReqStatusResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getRequisitions Element:

Operation type: Request-response.

- The endpoint receives a message to get requisition(s) associated with any Taleo Business Edition candidate, and sends back requisition IDs associated with the candidate ID.

Input: getRequisitionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getRequisitionsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionsReturn	array of requisition IDs		

getRequisitions Test Case:

Input: getRequisitionsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitions>
      <in0>webapi-8638387102069848283</in0>
      <in1>48</in1>
    </urn:getRequisitions>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionsResponse xmlns="urn:TBEWebAPI">
      <getRequisitionsReturn xmlns="">
        <array>
          <item>15</item>
          <item>13</item>
        </array>
      </getRequisitionsReturn>
    </getRequisitionsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

    </array>
  </getRequisitionsReturn>
</getRequisitionsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

searchCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to query all candidates based on defined key (field name) and value (data looking for), and sends a correlated message of Candidate ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
 - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
 - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="US" will search for all candidates with country field equals to "United States".

- key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character.
Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked.
Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Candidate Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in candidate's resume. Identical syntax as used in Taleo browser interface
candid	Integer	ID of candidate
firstName	String	First name
lastName	String	Last name
middleInitial	String	Middle name
address	String	Street address
city	String	City
state	Pick list	State/Region
zipCode	String	ZIP/Postal code
country	Pick list	Country name
phone	String	Phone #
cellPhone	String	Mobile #
phoneAll	String	Any phone
email	String	Email
legalStatus	Pick list	Legal status
status	Pick list	Status name
source	Pick list	Source name
lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
gender	Pick list	Gender
race	Pick list	Race name
veteran	Pick list	Veteran/Disability
rank	Integer	Rank (%)
referredBy	String	Referred By
requisitions	Custom	Ids of requisitions (' ' – separated) this candidate is submitted to

addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days
flagged	Check Box	Flagged candidates only
reasonRej	Pick list	Reason for rejection
hiredDate	Date	Hired date
startDate	Date	Start date
intStatus	String	Supported value: "hired"

Input: searchCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchCandidateReturn	searchResultBean []		

searchCandidate Test Case:

Input: searchCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchCandidate>
      <in0>webapi-1081039353966410322</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>country</key>
          <value>Canada</value>
        </item>
      </in1>
    </urn:searchCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchCandidateResponse xmlns="urn:TBEWebAPI">
      <searchCandidateReturn xmlns="">
        <array>
          <item>
            <id>30</id>
            <relevance>1.0</relevance>
          </item>
          <item>
            <id>48</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchCandidateReturn>
    </searchCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

submitCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to submit a candidate to a requisition(s), and sends a correlated message only if error occurred.
- Please Note: Submit requests replace all previous requisitions that the candidate has been tied too previously (i.e. data is not appended or upserted). Send all previous requisitions back if simply adding an additional requisition or use upsertCandidateToRequisitions call.

Input: submitCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Candidate
in2	Long	Yes	Array of requisition IDs

Output: submitCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
submitCandidateReturn			

submitCandidate Test Case:

Input: submitCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:submitCandidate>
      <in0>webapi-1081039353966410322</in0>
      <in1>48</in1>
      <in2>
        <array>
          <!--Zero or more repetitions-->
          <item>15</item>
        </array>
      </in2>
    </urn:submitCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: submitCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <submitCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

removeCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to remove an existing candidate assignment from a requisition (both based on ID variables), and sends a correlated message only if error occurred.

Input: removeCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Candidate ID
in2	Long	Yes	Requisition ID

Output: removeCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeCandidateReturn			

removeCandidate Test Case:

Input: removeCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeCandidate>
      <in0>webapi-3736131371583618769</in0>
      <in1>48</in1>
      <in2>15</in2>
    </urn:removeCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: removeCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <removeCandidateResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

updateCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing candidate, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the candidateBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	candidateBean[]	*	flexValues [] id status * address cellPhone city country email * firstName gender hiredDate lastName * legalStatus middleInitial password phone race rank reasonRejected referredBy resumeFileName source startDate state submittedBy textResume veteren zipCode

Output: updateCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateCandidateReturn			

updateCandidate Test Case:

Input: updateCandidateRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateCandidate>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
        </flexValues>
        <Id>48</Id>
        <status>Hired</status>
        <address>2323 Macaroni Road</address>
        <city>Jason</city>
        <country>US-CA</country>
        <email>scary@talent.com</email>
        <firstName>Jessica</firstName>
        <gender>Choose Not to Disclose</gender>
        <hireDate>2009-09-04T18:33:50.830Z</hireDate>
        <lastName>Karim</lastName>
        <legalStatus>My status to work in this country is unknown</legalStatus>
        <middleInitial>H</middleInitial>
        <password>jason</password>
        <cellPhone>892-232-2334</cellPhone>
          <phone>748-232-2323</phone>
        <race>Hispanic or Latino</race>
        <rank>100</rank>
        <reasonRejected>Position was canceled</reasonRejected>
        <referredBy>skarim</referredBy>
        <source>Other</source>
        <startDate>2009-09-04T18:33:50.830Z</startDate>
        <state>US-CA</state>
        <submittedBy>skarim</submittedBy>
        <textResume>Skilled in after school specials</textResume>
        <veteran>Armed Forces Service Medal Veterans</veteran>
        <zipCode>93045</zipCode>
      </in1>
    </urn:updateCandidate>
  </soapenv:Body>
</soapenv:Envelope>

```



```
</urn:updateCandidate>  
</soapenv:Body>  
</soapenv:Envelope>
```

Output: updateCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  
  <soapenv:Body>  
    <updateCandidateResponse xmlns="urn:TBEWebAPI"/>  
  </soapenv:Body>  
</soapenv:Envelope>
```

upsertCandidateToRequisitions Element:

Operation type: Request-response.

- The endpoint receives a message to upsert, or append a candidate to a requisition, and sends a correlated message only if error occurred.
- Please Note: Definition of client-side statusIDs and reasonIDs will be needed when passing these attributes (descriptive text is not supported).
- Please Note: ReasonIDs are required when a 'Rejected' Status ID has been selected.
- Please Note: doRanking element is Boolean True/False, which forces the system to recalculate the candidate's rank for that requisition on upsert.
- Please Note: As each client may be able to customize status and reasons, a standard list of ID's has not been provided. The easiest way to find a client's status and reason IDs is to go into the application and:
 - Select a candidate
 - Attach the candidate to any requisition at the top of the screen
 - Select 'Rejected' under the 'Requisition-specific status:' picklist
 - When the 'Requisition-specific reason for rejection:' picklist appears, right click the page and select 'View Source'.
 - From here you will find a list of appropriate ID values for both sources (sourceID) and reasons (reasonID).

```

https://tbe.taleo.net/NA12/ats/candidates/CandReqStatus.jsp?id=48&reqId=15 - Original Source
File Edit Format
919                                     <select id="status" name="status" onch
920 <option value='1' >-</option>
921 <option value='2' >NEW</option>
922 <option value='5' >Phone Screen</option>
923 <option value='17' >Not Minimally Qualified</option>
924 <option value='6' >Interviewing</option>
925 <option value='8' >Decision</option>
926 <option value='10' >Pre-Employment</option>
927 <option value='11' >Offer Extended</option>
928 <option value='13' >Offer Declined</option>
929 <option value='14' selected >Rejected</option>
930 <option value='16' >Hired</option>
931 </select>
932
933                                     </td>
934 </tr>
935 </tbody>
936 <tbody id="rejectionPrompDiv">
937 <tr>
938 <td align='left' class='nowrapFormLabelReq
939 id="rejectionPrompTd">
940 Requisition-specific reason for reject
941 &nbsp;
942 </td>
943 <td align='left' class='text'>
944 <select class='text' name='ReasonRej'
945 <option value='-1'>--</option>
946 <option value='445' >Application received too late</option>
947 <option value='446' >Did not complete the hiring process</option>
948 <option value='447' >Did not complete the hiring process::No show for interview</option>
949 <option value='448' >Did not complete the hiring process::Canceled the interview</option>
950 <option value='449' >Did not complete the hiring process::Interview ended at the request of cand</option>
951 <option value='450' >Did not complete the hiring process::Declined full processing</option>
952 <option value='451' >Unable to Contact Applicant</option>
953 <option value='452' >Unable to Contact Applicant::Phone disconnected</option>
954 <option value='453' >Unable to Contact Applicant::No forwarding address</option>
955 <option value='454' >Unable to Contact Applicant::Never returned calls</option>
956 <option value='455' >More qualified candidate selected</option>
957 <option value='456' >Does not meet the required criteria for the role</option>
958 <option value='457' >Does not meet the required criteria for the role::Lack of relevant skills </option>
959 <option value='458' >Does not meet the required criteria for the role::Not enough technical expe</option>
960 <option value='459' >Does not meet the required criteria for the role::Not enough functional exp</option>
961 <option value='460' >Does not meet the required criteria for the role::Unable to communicate at </option>
962 <option value='461' >Not eligible to work in this country</option>
963 <option value='462' >Internal applicant is not eligible to transfer</option>
964 <option value='463' >Not willing to travel</option>
965 <option value='464' >Not willing to relocate</option>
966 <option value='465' >Failed testing</option>
967 <option value='466' >Failed testing::Failed technical testing</option>

```

Input: upsertCandidateToRequisitionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
candidateId	Long	Yes	ID of Candidate
requisitionIds	LongArr	Yes	Array of requisition IDs
statusId	Long	Yes	ID of status or requisition-specific status ID
reasonId	Long	Yes if statusID = "Rejected"	ID of reasonRej or requisition rejected status ID
doRanking	Boolean	No	True False

Output: upsertCandidateToRequisitionsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertCandidateToRequisitionsReturn			

upsertCandidateToRequisitions Test Case:

Input: upsertCandidateToRequisitionsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertCandidateToRequisitions>
      <sessionId>webapi-1081039353966410322</sessionId>
      <candidateId>48</candidateId>
      <requisitionIds>
        <array>
          <!--Zero or more repetitions:-->
          <item>15</item>
        </array>
      </requisitionIds>
      <statusId>14</statusId>
      <reasonId>476</reasonId>
      <doRanking>True</doRanking>
    </urn:upsertCandidateToRequisitions>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: upsertCandidateToRequisitionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertCandidateToRequisitionsResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Candidate Rolling Entity Calls

A new feature within Taleo Business Edition is the addition of dynamic data forms, or what we call rolling entities. Rolling Entities are any commonly collected and presented data set that has a many-to-one relationship to a candidate. An existing example of Rolling Entities is Work History, whereby the same fielded information is collected on each of the candidate's previous employers and positions. Rolling Entities allow for flexibility in the collection of data. By extending this functionality, you can now collect multiples sets of data related to:

- Education History
- Licenses & Certifications
- Previous Residences
- References
- Work History

rollingEntityBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
ID	Long	Read Only	Contact's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
sessionID	String	Yes	Session ID received at Login
status	Long	Yes	Rolling Entity Status from pick list
rollingEntityType	String	Yes	WORK_HISTORY RESIDENCE_HISTORY EDUCATION REFERENCES CERTIFICATES_LICENCES
entityType	String	Yes	CAND
entityID	Long	Yes	Candidate ID
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
attributes	AttributeBean	No	Array of rolling entity attribute (standard) field values
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

attributeBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

deleteRollingEntity Element:

Operation type: Request-response.

- The endpoint receives a message to delete a specific rolling entity instance based on ID, and sends a correlated message only if error occurred.

Input: deleteRollingEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
rollingEntityId	String	Yes	ID of rolling entity

Output: deleteRollingEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteRollingEntityReturn			

deleteRollingEntity Test Case:

Input: deleteRollingEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteRollingEntity>
      <sessionId>webapi-3736131371583618769</sessionId>
      <rollingEntityId>11</rollingEntityId>
    </urn:deleteRollingEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteRollingEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteRollingEntityResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getRollingEntities Element:

Operation type: Request-response.

- The endpoint receives a message to get a specific rolling entity for a candidate, and sends a correlated message of rolling entity information.
- Please Note, only candidate rolling entities are supported currently.
- The response will be empty if no entities are filled in, otherwise the standard Taleo Business Edition API error code will return.
- There is no 'ALL' function; a call is configured for the pulling of each rolling entity type:
 - WORK_HISTORY
 - RESIDENCE_HISTORY
 - EDUCATION
 - REFERENCES
 - CERTIFICATES_LICENCES

Input: getRollingEntitiesRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
rollingEntityType	String	Yes	WORK_HISTORY RESIDENCE_HISTORY EDUCATION REFERENCES CERTIFICATES_LICENCES
entityType	String	Yes	CAND
entityID	Long	Yes	Candidate ID

Output: getRollingEntitiesResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRollingEntitiesReturn	rollingEntitiesBean []		

getRollingEntities Test Case:

Input: getRollingEntitiesRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRollingEntities>
      <sessionId>webapi-6894240122814704138</sessionId>
      <rollingEntityType>WORK_HISTORY</rollingEntityType>
      <entityType>CAND</entityType>
      <entityId>45</entityId>
    </urn:getRollingEntities>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRollingEntitiesResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRollingEntitiesResponse xmlns="urn:TBEWebAPI">
      <getRollingEntitiesReturn xmlns="">
        <array>
```

```
<item>
  <creationDate>2009-08-11T15:43:45.273Z</creationDate>
  <flexValues>
    <item>
      <fieldName>Starting Rate Of Pay</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr>56000</valueStr>
    </item>
  </flexValues>
  <id>13</id>
  <lastUpdated>2009-08-15T00:13:33.283Z</lastUpdated>
  <status xsi:nil="true"/>
  <attributes>
    <item>
      <fieldName>workHistJobTitle</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr>Lovely Manager</valueStr>
    </item>
    <item>
      <fieldName>workHistFrom</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate>2007-02-01T00:00:00.000Z</valueDate>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr xsi:nil="true"/>
    </item>
    <item>
      <fieldName>workHistDesc</fieldName>
      <valueBool xsi:nil="true"/>
      <valueDate xsi:nil="true"/>
      <valueDbf xsi:nil="true"/>
      <valueInt xsi:nil="true"/>
      <valueLong xsi:nil="true"/>
      <valueStr>Was a lovely manager</valueStr>
    </item>
    <item>
      <fieldName>workHistCoName</fieldName>
```



```
<valueBool xsi:nil="true"/>
<valueDate xsi:nil="true"/>
<valueDbf xsi:nil="true"/>
<valueInt xsi:nil="true"/>
<valueLong xsi:nil="true"/>
<valueStr>McKesson</valueStr>
</item>
<item>
  <fieldName>workHistStreet</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr>12 – Richmond Street</valueStr>
</item>
<item>
  <fieldName>workHistCityState</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr>BC</valueStr>
</item>
<item>
  <fieldName>workHistPhone</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr>858-304-3434</valueStr>
</item>
<item>
  <fieldName>workHistSupervisor</fieldName>
  <valueBool xsi:nil="true"/>
  <valueDate xsi:nil="true"/>
  <valueDbf xsi:nil="true"/>
  <valueInt xsi:nil="true"/>
  <valueLong xsi:nil="true"/>
  <valueStr>595-394-4094</valueStr>
</item>
<item>
  <fieldName>workHistSuperTitle</fieldName>
  <valueBool xsi:nil="true"/>
```

```

    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>Manager</valueStr>
  </item>
  <item>
    <fieldName>workHistOkContact</fieldName>
    <valueBool>true</valueBool>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
  <item>
    <fieldName>workHistPay</fieldName>
    <valueBool xsi:nil="true"/>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr>65000</valueStr>
  </item>
  <item>
    <fieldName>toPresent</fieldName>
    <valueBool>true</valueBool>
    <valueDate xsi:nil="true"/>
    <valueDbf xsi:nil="true"/>
    <valueInt xsi:nil="true"/>
    <valueLong xsi:nil="true"/>
    <valueStr xsi:nil="true"/>
  </item>
</attributes>
<entityType>CAND</entityType>
<entityId>45</entityId>
<subType>WORK_HISTORY</subType>
</item>
</array>
</getRollingEntitiesReturn>
</getRollingEntitiesResponse>
</soapenv:Body>
</soapenv:Envelope>

```

upsertRollingEntity Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing rolling entity instance, and sends a correlated message only if error occurred.
- Please Note: Upsert is used to both create or update data within a specific rolling entity. Using the ID attribute updates or replaces existing rolling entity instance, whereas not using an entityId will create a new rolling entity for the entity ID.

Input: upsertRollingEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
rollingEntityBean	rollingEntityBean []	*	flexValues [] attributes [] id * status * entityId entityType subType

Output: upsertRollingEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertRollingEntityReturn			

upsertRollingEntity Test Case:

Input: upsertRollingEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertRollingEntity>
      <sessionId>webapi-3736131371583618769</sessionId>
      <rollingEntityBean>
        <flexValues>
          <!--Zero or more repetitions!-->
        </flexValues>
        <id>12</id>
        <status>New</status>
        <attributes>
```

```

<!--Zero or more repetitions-->
<item>
  <fieldName>workHistJobTitle</fieldName>
  <valueStr>Senior Recruiter</valueStr>
</item>
<item>
  <fieldName>workHistOkContact</fieldName>
  <valueBool>False</valueBool>
</item>
</attributes>
<entityType>CAND</entityType>
<entityId>44</entityId>
<subType>WORK_HISTORY</subType>
</rollingEntityBean>
</urn:upsertRollingEntity>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertRollingEntityResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertRollingEntityResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

Contact API Calls

Contacts are all of the individuals associated with your Accounts that you need to track in Taleo Business Edition.

contactBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
ID	Long	Read Only	Contact's unique server side ID. Can be obtained by searching the accounts' database or by creating a new

			account.
status	String	Yes	Contact's Status from pick list
firstName	String	No	Contact's first name
lastName	String	Yes	Contact's first name
accounted	long	No	ID of parent account
title	String	No	Contact's title
department	String	No	Contact's department
reportsTold	long	No	ID of parent contact
phone	String	No	Phone number
cellPhone	String	No	Cell phone number
fax	String	No	Fax number
email	String	No	Email address
assistantName	String	No	Assistant's name
assistantPhone	String	No	Assistant's phone
assistantEmail	String	No	Assistant's email
address	String	No	Street portion of mailing address
city	String	No	City name
zipCode	String	No	ZIP or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
description	String	No	Contact's description
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createContact Element:

Operation type: Request-response.

- The endpoint receives a message to create a contact, and sends a correlated message of contact ID.
- Using accountId element allows the contact to be tied to a specific Account.

Input:createContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactBean[]	*	flexValues [] status accountId address assistantEmail assistantName assistantPhone cellPhone city contactType country department description email fax firstName lastName * phone reportsTold state title zipCode

Output: createContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createContactReturn	Long	Yes	Provided Contact ID

createContact Test Case:

Input: createContactRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions-->
        </flexValues>
        <accountId>2</accountId>
        <address>82 Taleo Drive</address>
        <assistantEmail>skarim@taleo.com</assistantEmail>
        <assistantName>Shakir Karim</assistantName>
        <assistantPhone>604-761-0087</assistantPhone>
        <cellPhone>604-920-3949</cellPhone>
        <city>Dublin</city>
        <contactType>?</contactType>
        <country>United States</country>
        <department>Sales</department>
        <description>Head of Partners and Alliances</description>
        <email>ddarrah@taleo.com</email>
        <fax>604-323-2323</fax>
        <firstName>Don</firstName>
        <lastName>Darrah</lastName>
        <phone>583-903-3434</phone>
        <state>US-CA</state>
        <title>Manager</title>
        <zipCode>90210</zipCode>
      </in1>
    </urn:createContact>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createContactResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createContactResponse xmlns="urn:TBEWebAPI">
      <createContactReturn xmlns="">1</createContactReturn>
    </createContactResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</createContactResponse>
</soapenv:Body>
</soapenv:Envelope>

```

deleteContact Element:

Operation type: Request-response.

- The endpoint receives a message to delete a contact, and sends a correlated message only if error occurred.

Input: deleteContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact ID	Yes	ID of Contact

Output: deleteContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteContactReturn			

deleteContact Test Case:

Input: deleteContactRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteContact>
      <in0>webapi6675924402134546238</in0>
      <in1>1</in1>
    </urn:deleteContact>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: deleteContactResponse


```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteContactResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getContactById Element:

Operation type: Request-response.

- The endpoint receives a message to get a contact details, and sends a correlated message of Contact information.

Input: getContactByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact ID	Yes	ID of Contact

Output: getContactByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactByIdReturn	contactBean []		

getContactById Test Case:

Input: getContactByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactById>
      <in0>webapi6675924402134546238</in0>
      <in1>1</in1>
    </urn:getContactById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactByIdResponse xmlns="urn:TBEWebAPI">
      <getContactByIdReturn xmlns="">
        <creationDate>2009-08-21T22:04:14.597Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-08-21T22:09:35.259Z</lastUpdated>
        <status xsi:nil="true"/>
        <accountId>2</accountId>
        <address>82 Taleo Drive</address>
        <assistantEmail>sjj@taleo.com</assistantEmail>
        <assistantName>Sonia Jason</assistantName>
        <assistantPhone>604-894-9487</assistantPhone>
        <cellPhone>604-920-3949</cellPhone>
        <city>Dublin</city>
        <contactType xsi:nil="true"/>
        <country>United States</country>
        <creator xsi:nil="true"/>
        <department>Sales</department>
        <description>Head of Partners and Alliances</description>
        <email>ddarra@taleo.com</email>
        <fax>604-323-2323</fax>
        <firstName>Don</firstName>
        <lastName>Darra</lastName>
        <phone>583-903-3434</phone>
        <reportsTold>0</reportsTold>
        <state>US-CA</state>
        <title>Manager</title>
        <zipCode>90210</zipCode>
      </getContactByIdReturn>
    </getContactByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getContactHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Contact transaction history, and sends a correlated message of transaction history for contact information.

- This object is used to fetch a history log entry which reflects a past event or action related to contacts. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getContactHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact ID	Yes	ID of Contact

Output: getContactHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactHistoryReturn	historyBean []		

getContactHistory Test Case:

Input: getContactHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactHistory>
      <in0>webapi-2722388699079508905</in0>
      <in1>2</in1>
    </urn:getContactHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactHistoryResponse xmlns="urn:TBEWebAPI">
      <getContactHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-08-21T22:28:05.247Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>508</id>
          </item>
        </array>
      </getContactHistoryReturn>
    </getContactHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <text>Contact created</text>
    <userName>skarim</userName>
  </item>
</array>
</getContactHistoryReturn>
</getContactHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

searchContact Element:

Operation type: Request-response.

- The endpoint receives a message to query all contacts based on defined key (field name) and value (data looking for), and sends a correlated message of Contact ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
 - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
 - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:

- key="country", value="US" will search for all candidates with country field equals to "United States".
- key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character.
Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked.
Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Contact Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in contact's description. Identical syntax as used in Taleo browser interface.
firstName	String	Contact's first name
lastName	String	Contact's last name
accountId	String	ID of parent account
title	String	Contact's title
department	String	Department
reportsToId	String	ID of parent contact
phoneAll	String	Any contact's phone number
email	String	Email address
city	Pick list	City name
state	String	State, region or province name from pick list
country	String	Country code from pick list
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key

			value
--	--	--	-------

Output: searchContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchContactReturn	searchResultBean []		

searchContact Test Case:

Input: searchContactRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <!--Zero or more repetitions!-->
        <item>
          <key>description</key>
          <value>Partners</value>
        </item>
      </in1>
    </urn:searchContact>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchContactResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchContactResponse xmlns="urn:TBEWebAPI">
      <searchContactReturn xmlns="">
        <array>
          <item>
            <id>1</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchContactReturn>
    </searchContactResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</searchContactResponse>
</soapenv:Body>
</soapenv:Envelope>
```

updateContact Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing contact, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the contactBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateContactRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactBean[]	*	flexValues [] status accountId * address assistantEmail assistantName assistantPhone cellPhone city contactType country department description email fax firstName lastName * phone reportsTold state title zipCode

Output: updateContactResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateContactReturn			

updateContact Test Case:

Input: updateContactRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateContact>
      <in0>webapi6675924402134546238</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions :-->
        </flexValues>
        <accountId>2</accountId>
        <address>82 Taleo Drive</address>
        <assistantEmail>sjj@taleo.com</assistantEmail>
        <assistantName>Sonia Jason</assistantName>
        <assistantPhone>604-894-9487</assistantPhone>
        <cellPhone>604-920-3949</cellPhone>
        <city>Dublin</city>
        <contactType>?</contactType>
        <country>United States</country>
        <department>Sales</department>
        <description>Head of Partners and Alliances</description>
        <email>ddarra@taleo.com</email>
        <fax>604-323-2323</fax>
        <firstName>Don</firstName>
        <lastName>Darra</lastName>
        <phone>583-903-3434</phone>
        <state>US-CA</state>
        <title>Manager</title>
        <zipCode>90210</zipCode>
      </in1>
    </urn:updateContact>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: updateContactResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

```



```

<soapenv:Body>
  <updateContactResponse xmlns="urn:TBEWebAPI"/>
</soapenv:Body>
</soapenv:Envelope>

```

Contact Log API Calls

Contact logs are a running trail of communication stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with contact logs to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

contactLogBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Contact log's unique server side ID.
creator	String	Yes	Login name of user who has created this record
typeNo	int	Yes	Type of contact log: 1 = email 2 = phone call 3 = response
entityType	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	long	Yes	ID of related entity
subject	String	Yes	Log's subject
comments	String	No	Log's comments or email body
contactDate	Date	No	Contact date
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date

createContactLog Element:

Operation type: Request-response.

- The endpoint receives a message to create a contact log, and sends a correlated message of contact log ID.

Input: createContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactLogBean[]	*	creator * typeNo * entityType * entityId * subject * comments contactDate

Output: createContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createContactLogReturn	Long	Yes	Provided Contact Log ID

createContactLog Test Case:

Input: createcreateContactLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createContactLog>
      <in0>webapi-1081039353966410322</in0>
      <in1>
        <comments>Unable to Get a Hold of Candidate</comments>
        <contactDate>2009-06-30T23:01:26.493Z</contactDate>
        <creator>skarim</creator>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <subject>Phone Screen</subject>
        <typeNo>2</typeNo>
      </in1>
    </urn:createContactLog>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createContactLogResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createContactLogResponse xmlns="urn:TBEWebAPI">
      <createContactLogReturn xmlns="">3</createContactLogReturn>
    </createContactLogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteContactLog Element:

Operation type: Request-response.

- The endpoint receives a message to delete a contact log, and sends a correlated message only if error occurred.

Input: deleteContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact Log ID	Yes	ID of Contact Log

Output: deleteContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteContactLogReturn			

deleteContactLog Test Case:

Input: deleteContactLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteContactLog>
      <in0>webapi-6706128845720983299</in0>
      <in1>6</in1>
    </urn:deleteContactLog>
  </soapenv:Body>
```

```
</soapenv:Envelope>
```

Output: deleteContactLogResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteContactLogResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getContactLogById Element:

Operation type: Request-response.

- The endpoint receives a message to get a contact log details by contact log ID, and sends a correlated message of contact log information.

Input: getContactLogByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Contact Log ID	Yes	ID of Contact Log

Output: getContactLogByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactLogByIdReturn	contactLogBean []		

getContactLogById Test Case:

Input: getContactLogByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactLogById>
      <in0>webapi-6706128845720983299</in0>
      <in1>6</in1>
    </urn:getContactLogById>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </urn:getContactLogById>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getContactLogByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactLogByIdResponse xmlns="urn:TBEWebAPI">
      <getContactLogByIdReturn xmlns="">
        <comments>Informed candidate that requisition has been closed.</comments>
        <contactDate>2009-09-11T00:00:00.000Z</contactDate>
        <creationDate>2009-09-11T05:45:08.260Z</creationDate>
        <creator>super-admin</creator>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <id>6</id>
        <lastUpdated>2009-09-11T05:45:08.260Z</lastUpdated>
        <subject>Requisition Closed</subject>
        <typeNo>2</typeNo>
      </getContactLogByIdReturn>
    </getContactLogByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getContactLogsByEntity Element:

Operation type: Request-response.

- The endpoint receives a message to get contact log(s) associated with any Taleo Business Edition entity that supports storing of contact logs, and sends back contact log IDs associated with the entity ID.

Input: getContactLogsByEntity Request

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions

			WORK = users
in2	Long	Yes	ID of associated entity

Output: getContactLogsByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getContactLogsByEntity Return	array of contact log IDs		

getContactLogsByEntity Test Case:

Input: getContactLogsByEntity Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getContactLogsByEntity>
      <in0>webapi-6706128845720983299</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getContactLogsByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getContactLogsByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getContactLogsByEntityResponse xmlns="urn:TBEWebAPI">
      <getContactLogsByEntityReturn xmlns="">
        <array>
          <item>6</item>
          <item>4</item>
          <item>5</item>
          <item>3</item>
        </array>
      </getContactLogsByEntityReturn>
    </getContactLogsByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

updateContactLog Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing contact log, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the contactLogBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateContactLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	contactLogBean[]	*	comments contactDate creator entityId * entityType * id * subject * typeNo *

Output: updateContactLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateContactLogReturn			

updateContactLog Test Case:

Input: updateContactLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateContactLog>
      <in0>webapi-6706128845720983299</in0>
      <in1>
        <comments>Phone Interview was rescheduled</comments>
        <contactDate>2009-06-30T23:01:26.493Z</contactDate>
        <creator>destey</creator>
        <entityId>48</entityId>
      </in1>
    </urn:updateContactLog>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <entityType>CAND</entityType>
    <id>4</id>
    <subject>Interview</subject>
    <typeNo>2</typeNo>
  </in1>
</urn:updateContactLog>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateContactLogResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateContactLogResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

Email Log API Calls

Email API calls allow a log to be created in Taleo Business Edition when an email is created outside of the system. Requires a valid email address stored within the system (i.e. Candidate, User, Contact). Email API calls provide a contact log ID as a response.

createEmailLog Element:

Operation type: Request-response.

- The endpoint receives a message to create a contact record that somebody sent an email to the user (INBOUND EMAIL). Tries to match incoming email address against candidate, then contact, then user.
- First match is where this contact log gets created within the Session ID (obtained at API login).

Input:createEmailLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	String	Yes	Email address of candidate, contact, or

			user (must already exist)
in2	String	Yes	Subject of email message
in3	String	Yes	Body of email message
in4	Date	Yes	Calendar of email message

Output: createEmailLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmailLogReturn	Long	Yes	Provided Contact Log ID

createEmailLog Test Case:

Input: createEmailLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmailLog>
      <in0>webapi-516132820785594972</in0>
      <in1>skarim@taleo.com</in1>
      <in2>Test_Subject</in2>
      <in3>Test_Body</in3>
      <in4>2009-06-30T23:01:26.493Z</in4>
    </urn:createEmailLog>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createEmailLogResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmailLogResponse xmlns="urn:TBEWebAPI">
      <createEmailLogReturn xmlns="">7</createEmailLogReturn>
    </createEmailLogResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

createEmailSentLog Element:

Operation type: Request-response.

- The endpoint receives a message to create a contact record that the user sent somebody an email (OUTBOUND EMAIL). Tries to match outgoing email address against candidate, then contact, then user.
- First match is where this contact log gets created within the Session ID (obtained at API login).

Input: createEmailSentLogRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	String	Yes	Email address of candidate, contact, or user (must already exist)
in2	String	Yes	Subject of email message
in3	String	Yes	Body of email message
in4	Date	Yes	Calendar of email message

Output: createEmailSentLogResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmailSentLogReturn	Long	Yes	Provided Contact Log ID

createEmailSentLog Test Case:

Input: createEmailSentLogRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmailSentLog>
      <in0>webapi-516132820785594972</in0>
      <in1>skarim@taleo.com</in1>
```

```

    <in2>Test_Subject</in2>
    <in3>Test_Body</in3>
    <in4>2009-06-30T23:01:26.493Z</in4>
  </urn:createEmailSentLog>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createEmailLogResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmailSentLogResponse xmlns="urn:TBEWebAPI">
      <createEmailSentLogReturn xmlns="">8</createEmailSentLogReturn>
    </createEmailSentLogResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Employee API Calls

Employees are all the people employed by the company and can be managed by Taleo Business Edition. Employees in the Taleo Business Edition system are uniquely identified by email address.

employeeBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	Long	Read Only	Candidate's unique server side ID. Can be obtained by searching the candidate database or by creating a new candidate.
status	String	Yes	Picklist derived employee status (terminated, etc.) . As these are configurable, view source on add/edit employee page to find values (search

			for 'status')
city	String	No	City name
address	String	No	Street portion of address
zipCode	String	No	Zip or postal code
state	String	No	State, region or province name from pick list
country	String	No	Country code from pick list
phone	String	No	Employee telephone number
employeeNumber	String	Yes	Configurable employee number
email	String	No	Email of employee
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name
cellPhone	String	No	Employees mobile or cell phone number
hiredDate	dateTime	No	Date of which the employee was hired.
startDate	dateTime	No	Date of commencement
race	String	No	Race name from pick list
gender	String	No	Gender name from pick list
lockedFromEws	Boolean	No	True to lock employee access from the employee website
departmentId	Long	No	Picklist derived department of employee . As these are configurable, view source on add/edit employee page to find values (search for 'department')
managerId	Long	No	Managers ID that is the direct superior of employee
locationId	Long	No	Picklist derived

			location of employee . As these are configurable, view source on add/edit employee page to find values (search for 'location')
ewsLogin	String	Yes	Employee website login name
ewsPassword	String	Yes	Password chosen on Employee Web Site
jobTitle	String	No	Employee's job title
jobCode	String	No	Employees defined job code value
salaryGrade	String	No	Employees defined salary grade
salary	Double	No	Employees defined salary amount.
payFrequency	String	No	Picklist derived payment frequency (monthly, etc.) . As these are configurable, view source on add/edit employee page to find values (search for 'payFrequency')
changePswdOnEwsLogin	Boolean	No	Require the employee to change their password when first login to employee portal website (EWS)
creationDate	dateTime	Read Only	Creation date
lastUpdated	dateTime	Read Only	Last updated date
additionalEntities	additionalEntitiesBean []	No	Array of flexible (future standard) field values. ** PLACEHOLDER FOR FUTURE USE
flexValues	flexFieldBean []	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to create a employee, and sends a correlated message of employee ID.

Input:createEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
bean	employeeBean[]	*	flexValues [] status * city address zipCode state country phone employeeNumber * email firstName middleInitial lastName * cellPhone hiredDate startDate race gender lockedFromEws

			reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []
--	--	--	--

Output: createEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEmployeeReturn	Long	Yes	Provided Employee ID

createEmployee Test Case:

Input:createEmployeeRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEmployee>
      <sessionId>webapi4901801771281067756</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
          </item>
        </flexValues>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
      </bean>
    </urn:createEmployee>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<middleInitial>A</middleInitial>
<lastName>Darrah</lastName>
<cellPhone>230-234-5895</cellPhone>
<hireDate>2009-06-30T23:01:26.493Z</hireDate>
<startDate>2009-10-01T23:01:26.493Z</startDate>
<race>Hispanic or Latino</race>
<gender>Female</gender>
<lockedFromEws>False</lockedFromEws>
<reviewManagerId>4</reviewManagerId>
<departmentId>2</departmentId>
<managerId>4</managerId>
<locationId>2</locationId>
<ewsLogin>sand</ewsLogin>
<ewsPassword>sand</ewsPassword>
<jobTitle>Consultant</jobTitle>
<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>False</changePswdOnEwsLogin>
<additionalEntities>
  <!--Zero or more repetitions:-->
  <item>
  </item>
</additionalEntities>
</bean>
</urn:createEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEmployeeResponse xmlns="urn:TBEWebAPI">
      <createEmployeeReturn xmlns="">134</createEmployeeReturn>
    </createEmployeeResponse>
  </soapenv:Body>
</soapenv:Envelope>

```


deleteEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to delete an employee, and sends a correlated message only if error occurred.

Input: deleteEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
employeeID	Employee ID	Yes	ID of Employee

Output: deleteEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEmployeeReturn			

deleteEmployee Test Case:

Input: deleteEmployeeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteEmployee>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeId>134</employeeId>
    </urn:deleteEmployee>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteEmployeeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEmployeeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteEmployeeByNumber Element:

Operation type: Request-response.

- The endpoint receives a message to delete an employee by employee number, and sends a correlated message only if error occurred.

Input: deleteEmployeeByNumberRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
employeeNumber	Employee Number	Yes	Number of Employee

Output: deleteEmployeeByNumberResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEmployeeByNumberReturn			

deleteEmployeeByNumber Test Case:

Input: deleteEmployeeByNumberRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteEmployeeByNumber>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeNumber>S-54896</employeeNumber>
    </urn:deleteEmployeeByNumber>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteEmployeeByNumberResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEmployeeByNumberResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

getEmployeeById Element:

Operation type: Request-response.

- The endpoint receives a message to get employee general information by ID, and sends a correlated message of Employee information.

Input: getEmployeeByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
employeeID	Employee ID	Yes	ID of Employee

Output: getEmployeeByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEmployeeByIdReturn	employeeBean []		

getEmployeeById Test Case:

Input: getEmployeeByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEmployeeById>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeId>137</employeeId>
      <additionalEntities>
        <!--Zero or more repetitions:-->
        <item></item>
      </additionalEntities>
    </urn:getEmployeeById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEmployeeByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEmployeeByIdResponse xmlns="urn:TBEWebAPI">
      <getEmployeeByIdReturn xmlns="">
        <creationDate>2009-09-15T17:19:43.153Z</creationDate>
        <flexValues>
          <item>
            <fieldName>District</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
        </flexValues>
        <id>137</id>
        <lastUpdated>2009-09-15T17:19:43.153Z</lastUpdated>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>US</country>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <title xsi:nil="true"/>
        <hiredDate>2009-06-30T23:01:26.493Z</hiredDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <hierarchyPath xsi:nil="true"/>
        <managerId>4</managerId>
        <locationId>2</locationId>
        <ewsLogin>S-54896</ewsLogin>
        <ewsPassword>3101290627273108292727644022402228412763==</ewsPassword>
        <jobTitle>Consultant</jobTitle>
      </getEmployeeByIdReturn>
    </getEmployeeByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600.0</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>true</changePswdOnEwsLogin>
<additionalEntities/>
<phone>754-343-2323</phone>
</getEmployeeByIdReturn>
</getEmployeeByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getEmployeeByNumber Element:

Operation type: Request-response.

- The endpoint receives a message to get employee general information by Number, and sends a correlated message of Employee information.

Input: getEmployeeByNumberRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
employeeNumber	String	Yes	Defined Employee Number

Output: getEmployeeByNumberResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEmployeeByNumberReturn	employeeBean []		

getEmployeeByNumber Test Case:

Input: getEmployeeByNumberRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEmployeeByNumber>
      <sessionId>webapi4901801771281067756</sessionId>
      <employeeNumber>S-54896</employeeNumber>
      <additionalEntities>

```

```

    <!--Zero or more repetitions:-->
    <item></item>
  </additionalEntities>
</urn:getEmployeeByNumber>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getEmployeeByNumberResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEmployeeByNumberResponse xmlns="urn:TBEWebAPI">
      <getEmployeeByNumberReturn xmlns="">
        <creationDate>2009-09-15T17:19:43.153Z</creationDate>
        <flexValues>
          <item>
            <fieldName>District</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
        </flexValues>
        <id>137</id>
        <lastUpdated>2009-09-15T17:19:43.153Z</lastUpdated>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>US</country>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <title xsi:nil="true"/>
        <hiredDate>2009-06-30T23:01:26.493Z</hiredDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
      </getEmployeeByNumberReturn>
    </getEmployeeByNumberResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<gender>Female</gender>
<reviewManagerId>4</reviewManagerId>
<departmentId>2</departmentId>
<hierarchyPath xsi:nil="true"/>
<managerId>4</managerId>
<locationId>2</locationId>
<ewsLogin>S-54896</ewsLogin>
<ewsPassword>3101290627273108292727644022402228412763==</ewsPassword>
<jobTitle>Consultant</jobTitle>
<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600.0</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>true</changePswdOnEwsLogin>
<additionalEntities/>
<phone>754-343-2323</phone>
</getEmployeeByNumberReturn>
</getEmployeeByNumberResponse>
</soapenv:Body>
</soapenv:Envelope>

```

searchEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to query all employees based on defined key (field name) and value (data looking for), and sends a correlated message of Employee ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.

- key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
 - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
 - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="US" will search for all candidates with country field equals to "United States".
 - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Employee Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in candidate's resume. Identical syntax as used in Taleo browser interface
emplid	Integer	ID of candidate
employeeNumber	String	Configured ID of Employee
jobCode	String	Job Code Value
firstName	String	First name
lastName	String	Last name
middleInitial	String	Middle name
address	String	Street address
city	String	City
state	Pick list	State/Region

zipCode	String	ZIP/Postal code
country	Pick list	Country name
phone	String	Phone #
cellPhone	String	Mobile #
phoneAll	String	Any phone
email	String	Email
status	Pick list	Status name
lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
gender	Pick list	Gender
race	Pick list	Race name
salary	Currency	salary amount
salaryGrade	Picklist	grade of salary payment
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days
flagged	Check Box	Flagged candidates only
hiredDate	Date	Hired date
startDate	Date	Start date

Input: searchEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
searchParams	Item...	Yes	key value

Output: searchEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchEmployeeReturn	searchResultBean []		

searchEmployee Test Case:

Input: searchEmployeeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
```

```

<urn:searchEmployee>
  <sessionId>webapi7073868042459393355</sessionId>
  <searchParams>
    <!--Zero or more repetitions:-->
    <item>
      <key>department</key>
      <value>customer service</value>
    </item>
  </searchParams>
</urn:searchEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: searchEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchEmployeeResponse xmlns="urn:TBEWebAPI">
      <searchEmployeeReturn xmlns="">
        <array>
          <item>
            <id>4</id>
            <relevance>1.0</relevance>
          </item>
          <item>
            <id>6</id>
            <relevance>1.0</relevance>
          </item>
          <item>
            <id>8</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchEmployeeReturn>
    </searchEmployeeResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

updateEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing employee, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the employeeBean (i.e. data is not appended). Send all elements back or the field values will be returned NULL.

Input: updateEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
bean	employeeBean[]	*	flexValues [] id * status * city address zipCode state country phone employeeNumber * email firstName middleInitial lastName * cellPhone hiredDate startDate race gender lockedFromEws reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []

Output: updateEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateEmployeeReturn			

updateEmployee Test Case:

Input: updateEmployeeRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateEmployee>
      <sessionId>webapi7073868042459393355</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>District</fieldName>
            <valueStr>Store1</valueStr>
          </item>
        </flexValues>
        <id>137</id>
        <status>LOA</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <hiredDate>2009-06-30T23:01:26.493Z</hiredDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <lockedFromEws>False</lockedFromEws>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <managerId>4</managerId>
        <locationId>2</locationId>
        <ewsLogin>sand</ewsLogin>

```

```

<ewsPassword>sand</ewsPassword>
<jobTitle>Consultant</jobTitle>
<jobCode>Consulting</jobCode>
<salaryGrade>Level 1</salaryGrade>
<salary>5600</salary>
<payFrequency>Monthly</payFrequency>
<changePswdOnEwsLogin>False</changePswdOnEwsLogin>
<additionalEntities>
  <!--Zero or more repetitions!-->
  <item>
  </item>
</additionalEntities>
</bean>
</urn:updateEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateEmployeeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

upsertEmployee Element:

Operation type: Request-response.

- The endpoint receives a message to upsert an existing employee record (create new and/or update existing), and sends a correlated message of the employee ID that has their data record/elements updated.
- Upsert is the universal create and update command for Taleo Business Edition API. When using upsertEmployee as create command, use all the field except for employeeID, When using upsertEmployee as update command, use all fields or fields will be defined NULL (same as updateEmployee).

Input: upsertEmployeeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at

			Login
employeeNumber	String	Yes	Defined Employee Number
bean	employeeBean[]	*	flexValues [] id * status * city address zipCode state country phone email firstName middleInitial lastName * cellPhone hiredDate startDate race gender lockedFromEws reviewManagerId departmentId managerId locationId ewsLogin * ewsPassword * jobTitle jobCode salaryGrade salary payFrequency changePswdOnEwsLogin additionalEntities []

Output: upsertEmployeeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
upsertEmployeeReturn	Long		Employee ID

upsertEmployee Test Case:

Input: upsertEmployeeRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:upsertEmployee>
      <sessionId>webapi7073868042459393355</sessionId>
      <bean>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            <fieldName>District</fieldName>
            <valueStr>Store1</valueStr>
          </item>
        </flexValues>
        <id>137</id>
        <status>Employed</status>
        <city>Seattle</city>
        <address>234 Sandra Ave</address>
        <zipCode>578937</zipCode>
        <state>US-WA</state>
        <country>United States</country>
        <phone>754-343-2323</phone>
        <employeeNumber>S-54896</employeeNumber>
        <email>sand298749874@invalidemail.com</email>
        <firstName>Sharon</firstName>
        <middleInitial>A</middleInitial>
        <lastName>Darrah</lastName>
        <cellPhone>230-234-5895</cellPhone>
        <hiredDate>2009-06-30T23:01:26.493Z</hiredDate>
        <startDate>2009-10-01T23:01:26.493Z</startDate>
        <race>Hispanic or Latino</race>
        <gender>Female</gender>
        <lockedFromEws>False</lockedFromEws>
        <reviewManagerId>4</reviewManagerId>
        <departmentId>2</departmentId>
        <managerId>4</managerId>
        <locationId>2</locationId>
        <ewsLogin>sand</ewsLogin>
        <ewsPassword>sand</ewsPassword>
        <jobTitle>Consultant</jobTitle>
        <jobCode>Consulting</jobCode>
        <salaryGrade>Level 1</salaryGrade>
        <salary>5600</salary>
        <payFrequency>Monthly</payFrequency>
        <changePswdOnEwsLogin>False</changePswdOnEwsLogin>
        <additionalEntities>

```

```

    <!--Zero or more repetitions-->
    <item>
    </item>
  </additionalEntities>
</bean>
</urn:upsertEmployee>
</soapenv:Body>
</soapenv:Envelope>

```

Output: upsertEmployeeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <upsertEmployeeResponse xmlns="urn:TBEWebAPI">
      <upsertEmployeeReturn xmlns="">137</upsertEmployeeReturn>
    </upsertEmployeeResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

Event API Calls

Events are calendar tasks stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with events to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

calendarEventBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	Yes	Creator's login name
entityType	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions

			WORK = users
entityId	long	Yes	ID of associated entity
location	String	No	Location of event
subject	String	Yes	Subject of event
isPrivate	Boolean	No	“Private event” flag True False
startDate	Date	Yes	Date and time of event begin
duration	long	Yes	Duration of event (in ms)
description	String	No	Description
participants	ParticipantBean[]	Yes	Array of events’ participants
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to extract actual person object using person’s ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event’s ID
StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ‘ ’ to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	Boolean	No	Value of Check Box field

DateValue	Date	No	Value of Date field
-----------	------	----	---------------------

createEvent Element:

Operation type: Request-response.

- The endpoint receives a message to create an event, and sends a correlated message of event ID.

Input: createEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	calendarEventBean[] participantBean []	*	flexValues [] status * creator description duration * entityId * entityType * isPrivate type location startDate * subject participants [] endDate eventId * eventType * personId * personType * startDate

Output: createEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createEventReturn	Long	Yes	Provided Event ID

createEvent Test Case:

Input: createEventRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createEvent>
      <in0>webapi7774524514047942379</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions-->
        </flexValues>
        <status>New</status>
        <creator>skarim</creator>
        <description>Face to face Interview</description>
        <duration>50000</duration>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <isPrivate>True</isPrivate>
        <location>Meeting Room 1</location>
        <participants>
          <!--Zero or more repetitions-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventType>CLDEV</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </participants>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
        <subject>Interview</subject>
      </in1>
    </urn:createEvent>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createEventResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createEventResponse xmlns="urn:TBEWebAPI">
      <createEventReturn xmlns="">1</createEventReturn>
    </createEventResponse>
  </soapenv:Body>

```

</soapenv:Envelope>

deleteEvent Element:

Operation type: Request-response.

- The endpoint receives a message to delete an event instance, and sends a correlated message only if error occurred.

Input: deleteEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Event ID	Yes	ID of Event

Output: deleteEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteEventReturn			

deleteEvent Test Case:

Input: deleteEventRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteEvent>
      <in0>webapi5722630372091424901</in0>
      <in1>2</in1>
    </urn:deleteEvent>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteEventResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteEventResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

getEventByEntity Element:

Operation type: Request-response.

- The endpoint receives a message to get event(s) associated with any Taleo Business Edition entity that supports storing/creation of calendar events, and sends back event IDs associated with the entity ID.

Input: getEventByEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
in2	Long	Yes	ID of associated entity

Output: getEventByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEventByEntityReturn	array of event IDs		

getEventByEntity Test Case:

Input: getEventByEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEventByEntity>
      <in0>webapi7774524514047942379</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getEventByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEventByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEventByEntityResponse xmlns="urn:TBEWebAPI">
      <getEventByEntityReturn xmlns="">
        <array>
          <item>1</item>
          <item>3</item>
          <item>7</item>
        </array>
      </getEventByEntityReturn>
    </getEventByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getEventById Element:

Operation type: Request-response.

- The endpoint receives a message to get event details by event ID, and sends a correlated message of event information.

Input: getEventByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Event ID	Yes	ID of Event Instance

Output: getEventByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEventByIdReturn	calendarEventBean []		

getEventById Test Case:

Input: getEventByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEventById>
      <in0>webapi7774524514047942379</in0>
      <in1>1</in1>
    </urn:getEventById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEventByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEventByIdResponse xmlns="urn:TBEWebAPI">
      <getEventByIdReturn xmlns="">
        <creationDate>2009-09-11T06:47:54.527Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T07:01:55.452Z</lastUpdated>
        <status>Created</status>
        <creator>skarim</creator>
        <description>Face to face Interview</description>
        <duration>7200000</duration>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <isPrivate>true</isPrivate>
        <location>Meeting Room 1</location>
        <participants>
          <item>
            <endDate>2009-06-30T02:00:00.000Z</endDate>
            <eventId>1</eventId>
            <eventType>CLDEV</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T00:00:00.000Z</startDate>
          </item>
        </participants>
        <startDate>2009-06-30T00:00:00.000Z</startDate>
        <subject>Interview</subject>
      </getEventByIdReturn>
    </getEventByIdResponse>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

getPublicEvents Element:

Operation type: Request-response.

- The endpoint receives a message to get all public events within a start date and end date, and sends a correlated message array of event IDs.

Input: getPublicEventsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	dateTime	Yes	Start of start date interval
in2	dateTime	Yes	End of start date interval

Output: getPublicEventsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getPublicEventsReturn	array of Event IDs		

getPublicEvents Test Case:

Input: getPublicEventsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getPublicEvents>
      <in0>webapi-6686750025617579220</in0>
      <in1>2007-06-30T00:00:00.000Z</in1>
      <in2>2010-06-30T00:00:00.000Z</in2>
    </urn:getPublicEvents>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getPublicEventsResponse


```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getPublicEventsResponse xmlns="urn:TBEWebAPI">
      <getPublicEventsReturn xmlns="">
        <array/>
      </getPublicEventsReturn>
    </getPublicEventsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

updateEvent Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing calendar event, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the calendarEventBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateEventRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	calendarEventBean[]	*	flexValues [] id * status * creator description duration * entityId * entityType * isPrivate type location startDate * subject participants [] endDate eventId * eventType * personId * personType * startDate

Output: updateEventResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateEventReturn			

updateEvent Test Case:

Input: updateEventRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateEvent>
      <in0>webapi5722630372091424901</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>7</id>
        <status>New</status>
        <creator>skarim</creator>
        <description>Face to face interview</description>
        <duration>500000</duration>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <isPrivate>False</isPrivate>
        <location>Meeting Room A</location>
        <participants>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T02:00:00.000Z</endDate>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T00:00:00.000ZZ</startDate>
          </item>
        </participants>
        <startDate>2009-06-30T00:00:00.000Z</startDate>
        <subject>Interview</subject>
      </in1>
    </urn:updateEvent>
  </soapenv:Body>

```

```
</soapenv:Envelope>
```

Output: updateEventResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateEventResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Interview API Calls

Interview Bean is where to find details regarding an interview associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with interviews to candidates.

interviewBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
Id (read-only)	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
Status	String	Yes	Account's Status from pick list
CandidateId	long	Yes	ID of candidate
RequisitionId	long	Yes	ID of requisition
InterviewType	String	Yes	Interview type (from pick list)
StartDate	Date	Yes	Interview start date and time
InterviewRoom	String	No	Interview room (location)
Comments	String	No	Comments
Creator	String	No	Creator's login name
Participants	ParticipantBean[]	No	Array of events' participants
CreationDate (read-only)	Date	Read Only	Creation date
LastUpdated (read-only)	Date	Read Only	Last updated date
FlexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to extract actual person object using person's ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event's ID
StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createInterview Element:

Operation type: Request-response.

- The endpoint receives a message to create an interview instance for a specific candidate, and sends a correlated message of interview ID.

Input: createInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	interviewBean []	*	flexValues []

	participantBean []		status * candidateID * comments creator interviewRoom interviewType * requisitionID * startDate * participants [] endDate eventId eventType personId personType startDate
--	--------------------	--	---

Output: createInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createInterviewReturn	Long	Yes	Provided Interview ID

createInterview Test Case:

Input: createInterviewRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createInterview>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Phone Screen</status>
        <candidateId>48</candidateId>
        <comments>Direct Report</comments>
        <creator>skarim</creator>
        <interviewRoom>Whistler</interviewRoom>
        <interviewType>1st Interview</interviewType>
        <participants>
          <!--Zero or more repetitions:-->
        </participants>
      </in1>
    </urn:createInterview>
  </soapenv:Body>
</soapenv:Envelope>

```

```

<item>
  <endDate>2009-06-30T23:01:26.493Z</endDate>
  <eventId>2</eventId>
  <eventType>TASK</eventType>
  <personId>7</personId>
  <personType>WORK</personType>
  <startDate>2009-06-30T23:01:26.493Z</startDate>
</item>
</participants>
<requisitionId>13</requisitionId>
<startDate>2009-06-30T23:01:26.493Z</startDate>
</in1>
</urn:createInterview>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createInterviewResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createInterviewResponse xmlns="urn:TBEWebAPI">
      <createInterviewReturn xmlns="">2</createInterviewReturn>
    </createInterviewResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteInterview Element:

Operation type: Request-response.

- The endpoint receives a message to delete an interview instance, and sends a correlated message only if error occurred.

Input: deleteInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Interview ID	Yes	ID of Interview

Output: deleteInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteInterviewReturn			

deleteInterview Test Case:

Input: deleteInterviewRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteInterview>
      <in0>webapi411835895647962205</in0>
      <in1>2</in1>
    </urn:deleteInterview>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteInterviewResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteInterviewResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getInterviewsByCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to get interview(s) associated with any Taleo Business Edition candidate, and sends back interview IDs associated for the candidate ID.

Input: getInterviewsByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getInterviewsByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getInterviewsByCandidateReturn	array of interview IDs		

getInterviewsByCandidate Test Case:

Input: getInterviewsByCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getInterviewsByCandidate>
      <in0>webapi411835895647962205</in0>
      <in1>48</in1>
    </urn:getInterviewsByCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getInterviewsByCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getInterviewsByCandidateResponse xmlns="urn:TBEWebAPI">
      <getInterviewsByCandidateReturn xmlns="">
        <array>
          <item>2</item>
          <item>1</item>
        </array>
      </getInterviewsByCandidateReturn>
    </getInterviewsByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getInterviewById Element:

Operation type: Request-response.

- The endpoint receives a message to get interview details by interview ID, and sends a correlated message of interview information.

Input: getInterviewByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Interview ID	Yes	ID of Interview Instance

Output: getInterviewByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getInterviewByIdReturn	interviewBean []		

getInterviewById Test Case:

Input: getInterviewByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getInterviewById>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getInterviewById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getInterviewByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getInterviewByIdResponse xmlns="urn:TBEWebAPI">
      <getInterviewByIdReturn xmlns="">
        <creationDate>2009-09-11T19:36:37.574Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T19:36:37.574Z</lastUpdated>
        <status>Feedback Pending</status>
        <candidateId>48</candidateId>
        <comments xsi:nil="true"/>
        <creator>skarim</creator>
      </getInterviewByIdReturn>
    </getInterviewByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<interviewRoom xsi:nil="true"/>
<interviewType>1st Interview</interviewType>
<participants>
  <item>
    <endDate>2009-06-30T23:01:26.493Z</endDate>
    <eventId>1</eventId>
    <eventType>INTV</eventType>
    <personId>7</personId>
    <personType>WORK</personType>
    <startDate>2009-06-30T23:01:26.493Z</startDate>
  </item>
</participants>
<requisitionId>13</requisitionId>
<startDate>2009-06-30T23:01:26.493Z</startDate>
</getInterviewByIdReturn>
</getInterviewByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

updateInterview Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing interview instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the interviewBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateInterviewRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	interviewBean[] participantBean []	*	flexValues [] id * status * candidateID * comments creator interviewRoom interviewType * requisitionID * startDate *

			participants [] endDate eventId eventType personId personType startDate
--	--	--	---

Output: updateInterviewResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateInterviewReturn			

updateInterview Test Case:

Input: updateInterviewRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateInterview>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions!-->
        </flexValues>
        <id>1</id>
        <status>Feedback Pending</status>
        <candidateId>48</candidateId>
        <comments>Direct Report</comments>
        <creator>skarim</creator>
        <interviewRoom>Whistler</interviewRoom>
        <interviewType>1st Interview</interviewType>
        <participants>
          <!--Zero or more repetitions!-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventId>2</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </participants>
      </in1>
    </urn:updateInterview>
  </soapenv:Body>
</soapenv:Envelope>

```

```

    <requisitionId>13</requisitionId>
    <startDate>2009-06-30T23:01:26.493Z</startDate>
  </in1>
</urn:updateInterview>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateInterviewResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateInterviewResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

Link API Calls

Links are what tie one entity attribute to another. For example, linking a candidate to a requisition, or an attachment to a candidate. Full list of entities include:

- Account = ACCT
- Candidate = CAND
- Contact = CTCT
- Requisition = REQU
- User = WORK

Where the following linkage is available:

- ACCT to REQU
- CTCT to REQU
- ACCT to CAND
- CTCT to CAND
- CAND to WORK

createLink Element:

Operation type: Request-response.

- The endpoint receives a message to Link an entity (by ID) to another entity (by ID) in Taleo Business Edition, and sends a correlated message only if error occurred.

Input: createLinkRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID obtained at login
entityType1	String	Yes	entityType as provided in above list
entityId1	String	Yes	ID of entity type 1
entityType2	String	Yes	entityType as provided in above list
entityId2	String	Yes	ID of entity type 2

Output: createLinkResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createLinkReturn			

Link Test Case:

Input: createLinkRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createLink>
      <sessionId>webapi-8948403736913319968</sessionId>
      <entityType1>ACCT</entityType1>
      <entityId1>2</entityId1>
      <entityType2>REQU</entityType2>
      <entityId2>16</entityId2>
    </urn:createLink>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: createLinkResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createLinkResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

removeLink Element:

Operation type: Request-response.

- The endpoint receives a message to remove Linkage between two entities in Taleo Business Edition, and sends a correlated message only if error occurred.

Input: removeLinkRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID obtained at login
entityType1	String	Yes	entityType as provided in above list
entityId1	String	Yes	ID of entity type 1
entityType2	String	Yes	entityType as provided in above list
entityId2	String	Yes	ID of entity type 2

Output: removeLinkResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeLinkReturn			

Link Test Case:

Input: removeLinkRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeLink>
      <sessionId>webapi-8948403736913319968</sessionId>
      <entityType1>ACCT</entityType1>
      <entityId1>2</entityId1>
      <entityType2>REQU</entityType2>
      <entityId2>16</entityId2>
    </urn:removeLink>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: removeLinkResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <removeLinkResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Login API Calls

Login calls are all the information associated with an API users login details and session variables.

getUrl Element

Operation type: Request-response.

- The endpoint receives a message to get URL of a company code, or customer instance, and sends a correlated message of URL.
- This call is always performed using URL: **https://tbe.taleo.net/MANAGER/dispatcher/servlet/rpcrouter** and requires a different Namespace: **urn:TBEDispatcherAPI** (vs. urn:TBEWebAPI)

Input: getUrlRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Company Code of Taleo Customer

Output: getUrlResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getUrlReturn	String		URL

getUrl Test Case:

Input: getUrlRequest

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEDispatcherAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getURL soapenv:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
      <orgCode xsi:type="xsd:string">TALEOSK</orgCode>
    </urn:getURL>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getUrlResponse

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <SOAP-ENV:Body>
    <ns1:getURLResponse SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:ns1="urn:TBEDispatcherAPI">
      <return
xsi:type="xsd:string">https://tbe.taleo.net/NA12/ats/services/rpcrouter</return>
    </ns1:getURLResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

login Element:

Operation type: Request-response.

- This and all subsequent calls are made using the URL returned by the getUrl() method described above. This call returns session ID to be used in all subsequent calls to TBE Web API.
- The endpoint receives a message to login to the Taleo Business Edition API, and sends a correlated message of session ID.
- An existing user needs to be created within the application first, and then can be used with the Taleo Business Edition API.
- Please Note: login credentials used are subjected to the same user abilities within the application.

Input: loginRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Company Code

in1	String	Yes	User ID
in2	String	Yes	Password

Output: loginResponse

Data Field Name	Data Field Type	Required	Acceptable Values
loginReturn	String		Session ID

login Test Case:

Input: loginRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:login>
      <in0>ABC_COMPANY</in0>
      <in1>API_USER</in1>
      <in2>API_PASSWORD</in2>
    </urn:login>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: loginResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <loginResponse xmlns="urn:TBEWebAPI">
      <loginReturn xmlns="">webapi-7677111958344909818</loginReturn>
    </loginResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

logout Element:

Operation type: Request-response.

- The endpoint receives a message to logout of the Taleo Business Edition API, and sends a correlated message if error occurred.

Input: logoutRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID

Output: logoutResponse

Data Field Name	Data Field Type	Required	Acceptable Values
logoutReturn			Session ID

logout Test Case:

Input: logoutRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:logout>
      <in0>webapi-7677111958344909818</in0>
    </urn:logout>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: logoutResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <logoutResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getLoginToken Element:

Operation type: Request-response.

- The endpoint receives a message to retrieve the token results of a login session ID variable.

Input: getLoginTokenRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID

Output: getLoginTokenResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLoginTokenReturn	String		Login session ID

getLoginToken Test Case:

Input: getLoginTokenRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLoginToken>
      <sessionId>webapi-7677111958344909818</sessionId>
    </urn:getLoginToken>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLoginTokenResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLoginTokenResponse xmlns="urn:TBEWebAPI">
      <getLoginTokenReturn xmlns="">5Z0Xz_gyn8Qf6C-_rZ3_M_001f</getLoginTokenReturn>
    </getLoginTokenResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

Metadata / Picklist API Calls

Metadata and picklist fields are any field (standard or custom) that associate drop-down list of values for data consistency. These picklist values require exact replication to be associated with the specific call in Taleo Business Edition.

getLookup Element:

Operation type: Request-response.

- The endpoint receives a message to lookup picklist values for a given field, and sends a correlated message of field picklist values and integration codes (if used).
- **Please Note: Country and State/Province lookup integration codes do not work as of 9.01. To use Country and State/Province via the API, use field values solely.**

Input: getLookupRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	fieldName

Output: getLookupResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getLookupReturn			array of fieldname values (display name and integration code name).

getLookup Test Case:

Input: getLookupRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getLookup>
      <in0>webapi-6686750025617579220</in0>
      <in1>race</in1>
    </urn:getLookup>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getLookupResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getLookupResponse xmlns="urn:TBEWebAPI">
      <getLookupReturn xmlns="">
        <array>
          <item>
            <displayName>Hispanic or Latino</displayName>
            <integrationCode>HISP</integrationCode>
          </item>
          <item>
            <displayName>White (not Hispanic or Latino)</displayName>
            <integrationCode>WHIT</integrationCode>
          </item>
          <item>
            <displayName>Black or African American (not Hispanic or Latino)</displayName>
            <integrationCode>BLCK</integrationCode>
          </item>
          <item>
            <displayName>Native Hawaiian or Other Pacific Islander</displayName>
            <integrationCode>PACF</integrationCode>
          </item>
          <item>
            <displayName>Asian (not Hispanic or Latino)</displayName>
            <integrationCode>ASIN</integrationCode>
          </item>
          <item>
            <displayName>American Indian or Alaska Native</displayName>
            <integrationCode>INDI</integrationCode>
          </item>
          <item>
            <displayName>Two or More Races (not Hispanic or Latino)</displayName>
            <integrationCode>MULT</integrationCode>
          </item>
          <item>
            <displayName>Choose Not to Disclose</displayName>
            <integrationCode>NDIS</integrationCode>
          </item>
        </array>
      </getLookupReturn>
    </getLookupResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getMetadata Element:

Operation type: Request-response.

- The endpoint receives a message to retrieve all field values within an entity, and sends a correlated message of all fields within the entity including:
 - displayName (application field name)
 - integrationName (API / external field name)
 - isCustom (whether the field is a standard or custom field in TBE)
 - isReadOnly (whether the field is writable or read-only)
 - isRequired (whether the field is application-required for data entry)
 - type (the type of field defined)

Input: getMetadataRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID
in1	String	Yes	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users

Output: getMetadataResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getMetadataReturn			Array of fieldname values (display name and integration code name).

getMetadata Test Case:

Input: getMetadataRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getMetadata>
      <in0>webapi-301034357717673686</in0>
      <in1>CAND</in1>
    </urn:getMetadata>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</urn:getMetadata>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getMetadataResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getMetadataResponse xmlns="urn:TBEWebAPI">
      <getMetadataReturn xmlns="">
        <array>
          <item>
            <item>
              <displayName>Current Salary</displayName>
              <integrationName>Current Salary</integrationName>
              <isCustom>true</isCustom>
              <isReadOnly>false</isReadOnly>
              <isRequired>false</isRequired>
              <type>FieldCurrency</type>
            </item>
            <item>
              <displayName>Current User Department</displayName>
              <integrationName>currUserDept</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>true</isReadOnly>
              <isRequired>false</isRequired>
              <type>CurrUserDepartment</type>
            </item>
            <item>
              <displayName>Last updated</displayName>
              <integrationName>lastUpdated</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>true</isReadOnly>
              <isRequired>false</isRequired>
              <type>FieldDateLong</type>
            </item>
            <item>
              <displayName>Mobile #</displayName>
              <integrationName>cellPhone</integrationName>
              <isCustom>false</isCustom>
              <isReadOnly>false</isReadOnly>
              <isRequired>false</isRequired>
              <type>FieldPhone</type>
            </item>
          </array>
        </getMetadataReturn>
      </getMetadataResponse>
    </soapenv:Body>
  </soapenv:Envelope>

```

```

</item>
<item>
  <displayName>Work Authorization</displayName>
  <integrationName>legalStatus</integrationName>
  <isCustom>false</isCustom>
  <isReadOnly>false</isReadOnly>
  <isRequired>false</isRequired>
  <type>FieldSingleList</type>
</item>
<item>
  <displayName>ZIP/Postal code</displayName>
  <integrationName>zipCode</integrationName>
  <isCustom>false</isCustom>
  <isReadOnly>false</isReadOnly>
  <isRequired>false</isRequired>
  <type>FieldTextLang</type>
</item>
</array>
</getMetadataReturn>
</getMetadataResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Offer API Calls

Offers are details and original offer letters associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with references to candidates.

offerBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Offer's unique server side ID. Can be obtained enumerating offers for particular candidate or by creating a new offer.
status	String	Yes	Offer's Status from pick list
manager	String	Yes	Login name of offer's manager
candidateId	long	Yes	Id of candidate related to this offer
requisitioned	long	Yes	Id of requisition related to this offer
creator	String	Read Only	Login name of user who has created this offer
title	String	Yes	Title of position offered

employmentType	String	Yes	Type of employment (from pick list) offered
payRate	String	No	Pay rate (free text) offered
stockOptions	String	No	Stock options (free text) offered
startDate	Date	No	Date when employment will start
expirationDate	Date	No	Date when offer will expire
offerFileName	String	Read Only	Binary offer file name
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createOffer Element:

Operation type: Request-response.

- The endpoint receives a message to create an offer for a specific candidate, and sends a correlated message of offer ID.

Input: createOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	offerBean []	*	flexValues [] status * candidateId * employmentType * expirationDate manager * offerFileName

			payRate requisitionId * startDate stockOptions title *
--	--	--	--

Output: createOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createOfferReturn	Long	Yes	Provided Offer ID

createOffer Test Case:

Input: createOfferRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createOffer>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>New</status>
        <candidateId>48</candidateId>
        <employmentType>Full time</employmentType>
        <expirationDate>2010-06-30T23:01:26.493Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>test1.docx</offerFileName>
        <payRate>50000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
        <stockOptions>True</stockOptions>
        <title>Offer Business Development</title>
      </in1>
    </urn:createOffer>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createOfferResponse xmlns="urn:TBEWebAPI">
      <createOfferReturn xmlns="">1</createOfferReturn>
    </createOfferResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteOffer Element:

Operation type: Request-response.

- The endpoint receives a message to delete an offer instance, and sends a correlated message only if error occurred.

Input: deleteOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer

Output: deleteOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteOfferReturn			

deleteOffer Test Case:

Input: deleteOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteOffer>
      <in0>webapi8016094028063300532</in0>
      <in1>4</in1>
    </urn:deleteOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteOfferResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getBinaryOffer Element:

Operation type: Request-response.

- The endpoint receives a message to get the offer letter binary attachment associated with a candidate (based on offer ID), and sends back the resume binary offer letter data.

Input: getBinaryOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of offer instance

Output: getBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBinaryOfferReturn	base64Binary []		

Input: getBinaryOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn: getBinaryOffer>
      <in0>webapi1673199911353581754</in0>
      <in1>41</in1>
    </urn: getBinaryOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBinaryOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    < getBinaryOfferResponse xmlns="urn:TBEWebAPI">
      < getBinaryOfferReturn xmlns="">
        <array>UEsDBBQABgAIAAAAIQAwysgMcgEAAKUFAAATA ==</array>
      </ getBinaryOfferReturn>
    </ getBinaryOfferResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getOfferByID

Operation type: Request-response.

- The endpoint receives a message to get offer details by offer ID, and sends a correlated message of offer information.

Input: getOfferByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer Instance

Output: getOfferByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getOfferByIdReturn	referenceBean []		

getOfferById Test Case:

Input: getOfferByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getOfferById>
      <in0>webapi8016094028063300532</in0>
      <in1>3</in1>
    </urn:getOfferById>
```

```
</soapenv:Body>
</soapenv:Envelope>
```

Output: getOfferByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getOfferByIdResponse xmlns="urn:TBEWebAPI">
      <getOfferByIdReturn xmlns="">
        <creationDate>2009-09-11T21:01:22.793Z</creationDate>
        <flexValues/>
        <id>3</id>
        <lastUpdated>2009-09-11T23:33:39.087Z</lastUpdated>
        <status>Draft</status>
        <candidateId>48</candidateId>
        <creator>skarim</creator>
        <employmentType>FULLTIME</employmentType>
        <expirationDate>2010-06-30T00:00:00.000Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>offer_3.rtf</offerFileName>
        <payRate>50000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T00:00:00.000Z</startDate>
        <stockOptions>True</stockOptions>
        <title>Offer Business Development</title>
      </getOfferByIdReturn>
    </getOfferByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getOffers Element:

Operation type: Request-response.

- The endpoint receives a message to get offer(s) associated with any Taleo Business Edition candidate, and sends back offer IDs associated with the candidate ID.

Input: getOffersRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	Long	Yes	ID of candidate
-----	------	-----	-----------------

Output: getOffersResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getOffersReturn	array of offer IDs		

getOffers Test Case:

Input: getOffersRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getOffers>
      <in0>webapi8016094028063300532</in0>
      <in1>48</in1>
    </urn:getOffers>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getOffersResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getOffersResponse xmlns="urn:TBEWebAPI">
      <getOffersReturn xmlns="">
        <array>
          <item>3</item>
          <item>2</item>
          <item>1</item>
        </array>
      </getOffersReturn>
    </getOffersResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

setBinaryOffer

Operation type: Request-response.

- The endpoint receives a message to append an offer letter attachment by offer ID, and sends a correlated message only if error occurred.

Input: setBinaryOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Offer ID	Yes	ID of Offer Instance
in2	String	Yes	Filename of binary file with defined file extension. The following MIME types are acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
in3	ByteArr	Yes	base64Binary []

Output: setBinaryOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
setBinaryOfferReturn			

setBinaryOffer Test Case:

Input: setBinaryOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setBinaryOffer>
      <in0>webapi8016094028063300532</in0>
      <in1>2</in1>
    </urn:setBinaryOffer>
  </soapenv:Body>
</soapenv:Envelope>
```



```

<in2>offer_letter.doc</in2>
<in3>
  <array>e1xydGYxXGFuc2lcYW5zaWNwZzEyNTJcdWMxIFxkZWZmM==</array>
</in3>
</urn:setBinaryOffer>
</soapenv:Body>
</soapenv:Envelope>

```

Output: setBinaryOfferResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setBinaryOfferResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

updateOffer Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing offer instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the offerBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateOfferRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	offerBean[]	*	flexValues [] id * status * candidateId * creator employmentType expirationDate manager * offerFileName payRate requisitionId * startDate

			stockOptions title *
--	--	--	-------------------------

Output: updateOfferResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateOfferReturn			

updateOffer Test Case:

Input: updateOfferRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateOffer>
      <in0>webapi-5084000498747541653</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions!-->
        </flexValues>
        <id>1</id>
        <status>Draft</status>
        <candidateId>48</candidateId>
        <creator>destey</creator>
        <employmentType>Full time</employmentType>
        <expirationDate>2010-06-30T23:01:26.493Z</expirationDate>
        <manager>skarim</manager>
        <offerFileName>test1.docx</offerFileName>
        <payRate>75000</payRate>
        <requisitionId>13</requisitionId>
        <startDate>2009-06-30T23:01:26.493Z</startDate>
        <stockOptions>True</stockOptions>
        <title>Bus Dev Manager</title>
      </in1>
    </urn:updateOffer>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateOfferResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateOfferResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Reference API Calls

References are personal references associated with any candidate in Taleo Business Edition. Similar to background checks, there is a one-to-many relationship with references to candidates.

referenceBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	No	Creator's login name
candidateId	long	Yes	ID of candidate
refName	String	Yes	Reference's name
refPhone	String	No	Reference's phone
refEmail	String	No	Reference's email
refTitle	String	No	Reference's title
employer	String	No	Employer's name
relToCandidate	String	No	Relation to candidate
comments	String	No	Comments
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field

DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createReference Element:

Operation type: Request-response.

- The endpoint receives a message to create a reference for a specific candidate, and sends a correlated message of reference ID.

Input: createReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	referenceBean []	*	flexValues [] status * candidateId * comments creator employer refEmail refName * refPhone refTitle relToCandidate

Output: createReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createReferenceReturn	Long	Yes	Provided Reference ID

createReference Test Case:

Input: createReferenceRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createReference>
      <in0>webapi411835895647962205</in0>
    </urn:createReference>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<in1>
  <flexValues>
    <!--Zero or more repetitions:-->
  </flexValues>
  <status>New</status>
  <candidateId>48</candidateId>
  <comments>Candidate's major strength is selling and buying</comments>
  <creator>skarim</creator>
  <employer>Nordstroms</employer>
  <refEmail>store@nordstroms.com</refEmail>
  <refName>Sally Store</refName>
  <refPhone>948-234-4958</refPhone>
  <refTitle>Manager</refTitle>
  <relToCandidate>Direct Manager</relToCandidate>
</in1>
</urn:createReference>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createReferenceResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createReferenceResponse xmlns="urn:TBEWebAPI">
      <createReferenceReturn xmlns="">1</createReferenceReturn>
    </createReferenceResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteReference Element:

Operation type: Request-response.

- The endpoint receives a message to delete a reference instance, and sends a correlated message only if error occurred.

Input: deleteReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	Reference ID	Yes	ID of Reference
-----	--------------	-----	-----------------

Output: deleteReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteReferenceReturn			

deleteReference Test Case:

Input: deleteReferenceRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteReference>
      <in0>webapi411835895647962205</in0>
      <in1>3</in1>
    </urn:deleteReference>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteReferenceResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteReferenceResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getReferencesByCandidate Element:

Operation type: Request-response.

- The endpoint receives a message to get reference(s) associated with any Taleo Business Edition candidate, and sends back reference IDs associated with the candidate ID.

Input: getReferencesByCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	Long	Yes	ID of candidate
-----	------	-----	-----------------

Output: getReferencesByCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getReferencesByCandidateReturn	array of reference IDs		

getReferencesByCandidate Test Case:

Input: getReferencesByCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getReferencesByCandidate>
      <in0>webapi411835895647962205</in0>
      <in1>48</in1>
    </urn:getReferencesByCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getReferencesByCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getReferencesByCandidateResponse xmlns="urn:TBEWebAPI">
      <getReferencesByCandidateReturn xmlns="">
        <array>
          <item>2</item>
          <item>1</item>
        </array>
      </getReferencesByCandidateReturn>
    </getReferencesByCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getReferenceById Element:

Operation type: Request-response.

- The endpoint receives a message to get reference details by reference ID, and sends a correlated message of reference information.

Input: `getReferenceByIdRequest`

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Reference ID	Yes	ID of Reference Instance

Output: `getReferenceByIdResponse`

Data Field Name	Data Field Type	Required	Acceptable Values
<code>getReferenceByIdReturn</code>	<code>referenceBean []</code>		

`getReferenceById` Test Case:

Input: `getReferenceByIdRequest`

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getReferenceById>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getReferenceById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: `getReferenceByIdResponse`

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getReferenceByIdResponse xmlns="urn:TBEWebAPI">
      <getReferenceByIdReturn xmlns="">
        <creationDate>2009-09-11T17:17:07.015Z</creationDate>
      </getReferenceByIdReturn>
    </getReferenceByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```



```

<flexValues/>
<id>1</id>
<lastUpdated>2009-09-11T17:17:07.015Z</lastUpdated>
<status>Submitted</status>
<candidateId>48</candidateId>
<comments>Candidate's major strengths are selling and buying</comments>
<creator>skarim</creator>
<employer>Nordstroms</employer>
<refEmail>store@nordstroms.com</refEmail>
<refName>Sally Store</refName>
<refPhone>948-234-4958</refPhone>
<refTitle>Manager</refTitle>
<relToCandidate>Direct Manager</relToCandidate>
</getReferenceByIdReturn>
</getReferenceByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

updateReference Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing reference instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the referenceBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateReferenceRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	referenceBean[]	*	flexValues [] id * status * candidateId * comments creator employer refEmail refName * refPhone refTitle relToCandidate

Output: updateReferenceResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateReferenceReturn			

updateReference Test Case:

Input: updateReferenceRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateReference>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>2</id>
        <status>Submitted</status>
        <candidateId>48</candidateId>
        <comments>Reference Completed - candidate successful</comments>
        <creator>skarim</creator>
        <employer>Nordstroms</employer>
        <refEmail>JasonNord@Nordstroms.com</refEmail>
        <refName>Jason Nord</refName>
        <refPhone>829-239-2394</refPhone>
        <refTitle>Director</refTitle>
        <relToCandidate>Manager's manager</relToCandidate>
      </in1>
    </urn:updateReference>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateReferenceResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateReferenceResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```


Requisition API Calls

Requisitions are all of the job openings you want to track in Taleo Business Edition and post on your careers website.

requisitionBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Requisition's unique server side ID. Can be obtained by searching the requisition database or by creating a new requisition.
status	String	Yes	Requisition's Status name from pick list
title	String	Yes	Requisition's title
location	String	Yes	Name of location (from pick list) assigned to this requisition
duration	String	No	Requisition's type from pick list
payRange	String	No	Pay range
description	String	No	Requisition's description
jobCategory	String	No	EEO Job category name from pick list
jobCode	String	No	Job code
numOpen	int	No	Number of openings
openedDate	Date	No	Date when this requisition was opened
filledDate	Date	No	Date when this requisition was filled
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
fieldName	String	Yes	Field name
stringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
intValue	int	No	Value of Integer field
doubleValue	double	No	Value of Decimal or Currency field
booleanValue	boolean	No	Value of Check Box field
dateValue	Date	No	Value of Date field

createRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to create a requisition, and sends a correlated message of requisition ID.

Input: createRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean []	*	flexValues [] status * city description duration jobCategory jobCode location * numOpen openedDate payRange state title * filledDate

Output: createRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createRequisitionReturn	Long	Yes	Provided Requisition ID

createRequisition Test Case:

Input: createRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <flexValues>
```

```

    <!--Zero or more repetitions:-->
  </flexValues>
  <status>Waiting for Approval</status>
  <city>San Francisco</city>
  <description>The Human Resources Generalist originates and leads Human Resources
practices and objectives that will provide an employee-oriented, high performance culture
that emphasizes empowerment, quality, productivity and standards, goal attainment, and the
recruitment and ongoing development of a superior workforce. The Human Resources
Generalist coordinates implementation of services, policies, and programs through Human
Resources staff; reports to the Human Resources Director, and assists and advises company
managers about Human Resources issues.</description>
  <duration>Full time</duration>
  <jobCategory>Professionals</jobCategory>
  <jobCode>Level 1</jobCode>
  <location>Headquarters</location>
  <numOpen>3</numOpen>
  <openedDate>2009-06-30T23:01:26.493Z</openedDate>
  <payRange>50000 - 75000</payRange>
  <state>US-CA</state>
  <title>HR Generalist</title>
</in1>
</urn:createRequisition>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createRequisitionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createRequisitionResponse xmlns="urn:TBEWebAPI">
      <createRequisitionReturn xmlns="">16</createRequisitionReturn>
    </createRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

createRequisitionTemplate Element:

Operation type: Request-response.

- Templates are the available jobs preloaded in Taleo for users to post easily with consistency. They are stored in the job library.

- Click on the appropriate Template below to start the process of composing a requisition
The endpoint receives a message to create a requisition template, and sends a correlated message of requisition ID.

Input: createRequisitionTemplateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean []	*	flexValues [] status * city description duration jobCategory jobCode location * numOpen openedDate payRange state title * filledDate

Output: createRequisitionTemplateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createRequisitionTemplateReturn	Long	Yes	Provided Requisition ID

createRequisitionTemplate Test Case:

Input: createRequisitionTemplateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createRequisitionTemplate>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Waiting for Approval</status>
      </in1>
    </urn:createRequisitionTemplate>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<city>San Francisco</city>
<description>The Human Resources manager leads HR Generalists</description>
<duration>Full time</duration>
<jobCategory>Professional</jobCategory>
<jobCode>Level 1</jobCode>
<location>Headquarters</location>
<numOpen>3</numOpen>
<openedDate>2009-06-30T23:01:26.493Z</openedDate>
<payRange>50000 - 75000</payRange>
<state>US-CA</state>
<title>HR Manager</title>
</in1>
</urn:createRequisitionTemplate>
</soapenv:Body>
</soapenv:Envelope>

```

Output: createRequisitionTemplateResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createRequisitionTemplateResponse xmlns="urn:TBEWebAPI">
      <createRequisitionTemplateReturn>20</createRequisitionTemplateReturn>
    </createRequisitionTemplateResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

deleteRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to delete a requisition instance, and sends a correlated message only if error occurred.

Input: deleteRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition

Output: deleteRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteRequisitionReturn			

deleteRequisition Test Case:

Input: deleteRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>22</in1>
    </urn:deleteRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getRequisitionById Element:

Operation type: Request-response.

- The endpoint receives a message to get requisition details by requisition ID, and sends a correlated message of requisition information.

Input: getRequisitionByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition Instance

Output: getRequisitionByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionByIdReturn	requisitionBean []		

getRequisitionById Test Case:

Input: getRequisitionByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitionById>
      <in0>webapi-8638387102069848283</in0>
      <in1>13</in1>
    </urn:getRequisitionById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionByIdResponse xmlns="urn:TBEWebAPI">
      <getRequisitionByIdReturn xmlns="">
        <creationDate>2009-02-25T23:34:37.537Z</creationDate>
        <flexValues>
          <item>
            <fieldName>jobType</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
            <valueDbf xsi:nil="true"/>
            <valueInt xsi:nil="true"/>
            <valueLong xsi:nil="true"/>
            <valueStr xsi:nil="true"/>
          </item>
          <item>
            <fieldName>Job Reason</fieldName>
            <valueBool xsi:nil="true"/>
            <valueDate xsi:nil="true"/>
          </item>
        </flexValues>
      </getRequisitionByIdReturn>
    </getRequisitionByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```


• Experience successfully marketing and selling professional and IT services/solutions in one or more of the following areas (Custom Application Development, Data Warehousing, Security & Infrastructure, Business Intelligence, IT Security, CRM, SAS and/or Legacy)

• Significant knowledge of and successful experience using IT solutions sales techniques and models

• Minimum 7 years of business development and solutions sales experience</p>

```
<p><font face="Arial"></font>&nbsp;</p>]]></description>
  <duration>FULLTIME</duration>
  <filledDate xsi:nil="true"/>
  <jobCategory xsi:nil="true"/>
  <jobCode>452346</jobCode>
  <location>NY Office</location>
  <numOpen>4</numOpen>
  <openedDate>2009-02-25T00:00:00.000Z</openedDate>
  <payRange/>
  <state>US-NY</state>
  <title>Business Development Manager</title>
</getRequisitionByIdReturn>
</getRequisitionByIdResponse>
</soapenv:Body>
</soapenv:Envelope>
```

getRequisitionHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Requisition transaction history, and sends a correlated message of transaction history for the specific requisition ID.
- This object is used to fetch a history log entry which reflects a past event or action related to requisition. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getRequisitionHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Requisition ID	Yes	ID of Requisition

Output: getRequisitionHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getRequisitionHistoryReturn	historyBean []		

getRequisitionHistory Test Case:

Input: getRequisitionHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getRequisitionHistory>
      <in0>webapi-8638387102069848283</in0>
      <in1>11</in1>
    </urn:getRequisitionHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getRequisitionHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getRequisitionHistoryResponse xmlns="urn:TBEWebAPI">
      <getRequisitionHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-10T20:39:35.573Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>556</id>
            <text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith has been removed from
this requisition</text>
            <userName>skarim</userName>
          </item>
          <item>
            <creationDate>2009-09-04T18:36:21.797Z</creationDate>
            <emailText xsi:nil="true"/>
            <id>532</id>
            <text>Candidate (id: 48) (id: 48) Alisha Alexandra Smith added self to this
requisition</text>
            <userName xsi:nil="true"/>
          </item>
          <item>
            <creationDate>2009-02-09T23:03:51.623Z</creationDate>
            <emailText xsi:nil="true"/>

```

```

    <id>99</id>
    <text>Posted on Careers Website</text>
    <userName xsi:nil="true"/>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>94</id>
    <text>Requisition created</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>97</id>
    <text>Approver (id: 7) Karim, Sally has been added to this requisition</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-02-09T23:03:51.430Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>98</id>
    <text>Offer Approver has been added to this requisition</text>
    <userName>skarim</userName>
  </item>
</array>
</getRequisitionHistoryReturn>
</getRequisitionHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

postRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to post a specific requisition to a supported posting location, and sends back a message only if error occurred.
- Please note, requisitions will only be posted if the requisition has been approved (i.e. status of 'Open') and all other requisition data elements have been completed that are mandatory based on the application UI (i.e. Requisition Owner has been defined).
- Please Note: As each client may be able to configure multiple posting locations and multiple application form versions, a standard list of 'posterId' and 'formVersion'

variables has not been provided. The easiest way to find these values is to go into the application and:

- Select a requisition
- Right click the page and select 'View Source'.
- Search for 'Requisition Posters:'
- From here you will find a list of appropriate ID values

Input: postRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
requisitionId	Long	Yes	ID of requisition
posterId	Long	Yes	ID of the posting location, for example a specific Taleo Business Edition Career Website (picklist value ID #)
formVersion	Long	Yes	ID of the required application form to be used within the posting location (picklist value ID #).

Output: postRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
postRequisitionReturn			

Input: postRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:postRequisition>
      <sessionId>webapi-8638387102069848283</sessionId>
      <requisitionId>16</requisitionId>
      <posterId>4</posterId>
      <formVersion>0</formVersion>
    </urn:postRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

```
</urn:postRequisition>  
</soapenv:Body>  
</soapenv:Envelope>
```

Output: postRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  
  <soapenv:Body>  
    <postRequisitionResponse xmlns="urn:TBEWebAPI"/>  
  </soapenv:Body>  
</soapenv:Envelope>
```

searchRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to query all requisitions based on defined key (field name) and value (data looking for), and sends a correlated message of Requisition ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.

- key="startDate", value=" |2004-08-01" will search for all candidates with start date on or before August 1st 2004.
- key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="US" will search for all candidates with country field equals to "United States".
 - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>Requisition Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in requisition's description. Identical syntax as used in Taleo browser interface.
reqId	Integer	ID of requisition
cws	Pick list	Which Career Website requisition was posted on (i.e. find all jobs posted on cws 1).
jobCode	String	Job Code
title	String	Requisition's title
location	Pick list	Location assigned to requisition
city	String	City name
state	Pick list	State/Region
duration	Pick list	Duration name
payRange	String	Pay range
openedDate	Date	Opened date
filledDate	Date	Filled date
jobCat	Pick list	EEO job category
status	Pick list	Requisition's status name

lastUpdated	Date	Last updated date
creationDate	Date	Added to system date
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days
owners	Custom	Requisition Owners
approvers	Custom	Requisition Approvers
offerApprs	Custom	Offer Approvers
viewers	Custom	Agencies

Input: searchRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchRequisitionReturn	searchResultBean []		

searchRequisition Test Case:

Input: searchRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchRequisition>
      <in0>webapi-8638387102069848283</in0>
      <in1>
        <!--Zero or more repetitions-->
        <item>
          <key>location</key>
          <value>Headquarters</value>
        </item>
        <item>
          <key>status</key>
          <value>Open</value>
        </item>
      </in1>
    </urn:searchRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <item>
      <key>jobCode</key>
      <value>Level 1</value>
    </item>
  </in1>
</urn:searchRequisition>
</soapenv:Body>
</soapenv:Envelope>

```

Output: searchRequisitionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchRequisitionResponse xmlns="urn:TBEWebAPI">
      <searchRequisitionReturn xmlns="">
        <array>
          <item>
            <id>16</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchRequisitionReturn>
    </searchRequisitionResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

unpostRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to unpost a specific requisition to a posting location, and sends back a message only if error occurred.
- Please Note: As each client may be able to configure multiple posting locations, a standard list of 'posterId' variables has not been provided. The easiest way to find these values is to go into the application and:
 - Select a requisition
 - Right click the page and select 'View Source'.
 - Search for 'Requisition Posters:'
 - From here you will find a list of appropriate ID values of posting locations (posterId)

Input: unpostRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID received at Login
requisitionId	Long	Yes	ID of requisition
posterId	Long	Yes	ID of the posting location, for example a specific Taleo Business Edition Career Website (picklist value ID #)

Output: unpostRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
unpostRequisitionReturn			

Input: unpostRequisitionRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:unpostRequisition>
      <sessionId>webapi-8638387102069848283</sessionId>
      <requisitionId>16</requisitionId>
      <posterId>1</posterId>
    </urn:unpostRequisition>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: unpostRequisitionResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <unpostRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
```

</soapenv:Envelope>

updateRequisition Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing requisition instance, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the requisitionBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateRequisitionRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	requisitionBean[]	*	flexValues [] id * status * city description duration jobCategory jobCode location * numOpen openedDate payRange state title * filledDate

Output: updateRequisitionResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateRequisitionReturn			

updateRequisition Test Case:

Input: updateRequisitionRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateRequisition>
      <in0>webapi-3736131371583618769</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item>
            </item>
          </flexValues>
          <id>16</id>
          <status>Filled</status>
          <city>San Francisco</city>
          <description>The Human Resources Generalist originates and leads Human Resources practices and objectives that will provide an employee-oriented, high performance culture that emphasizes empowerment, quality, productivity and standards, goal attainment, and the recruitment and ongoing development of a superior workforce. The Human Resources Generalist coordinates implementation of services, policies, and programs through Human Resources staff; reports to the Human Resources Director, and assists and advises company managers about Human Resources issues.</description>
          <duration>Full time</duration>
          <jobCategory>Professional</jobCategory>
          <jobCode>Level 1</jobCode>
          <location>Headquarters</location>
          <numOpen>2</numOpen>
          <openedDate>2009-06-30T23:01:26.493Z</openedDate>
          <payRange>50000 - 75000</payRange>
          <state>US-CA</state>
          <title>HR Generalist</title>
          <filledDate>2009-09-31T23:01:26.493Z</filledDate>
        </in1>
      </urn:updateRequisition>
    </soapenv:Body>
  </soapenv:Envelope>

```

Output: updateRequisitionResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateRequisitionResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

Resume API Calls

Resumes are all of the primary CVs associated with Candidates in Taleo Business Edition.

getBinaryResume Element:

Operation type: Request-response.

- The endpoint receives a message to get the primary resume binary attachment associated with a candidate, and sends back the resume binary resume data.

Input: getBinaryResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of candidate

Output: getBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getBinaryReturn	base64Binary []		

getBinaryResume Test Case:

Input: getBinaryResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getBinaryResume>
      <in0>webapi1673199911353581754</in0>
      <in1>48</in1>
    </urn:getBinaryResume>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getBinaryResumeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getBinaryResumeResponse xmlns="urn:TBEWebAPI">
      <getBinaryResumeReturn xmlns="">
        <array>UESDBBQABgAIAAAAIQAwySgMcgEAAKUFAAATA ==</array>
      </getBinaryResumeReturn>
    </getBinaryResumeResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

parseResume Element:

Operation type: Request-response.

- The endpoint receives a message resume binary attachment, and sends back a passed output of resume data (using third-party provider ResumeMirror)

Input: parseResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	ByteArr	Yes	base64Binary []

Output: parseResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
parseResumeReturn	ResumeMirror HR-XML ParseResume Response		

parseResume Test Case:

Input: parseResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
```



```

<soapenv:Body>
  <urn:parseResume>
    <in0>webapi-3736131371583618769</in0>
    <in1>
      <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
    </in1>
  </urn:parseResume>
</soapenv:Body>
</soapenv:Envelope>

```

Output: parseResumeResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <parseResumeResponse xmlns="urn:TBEWebAPI">
      <parseResumeReturn xmlns=""><![CDATA[<?xml version="1.0" encoding="ISO-8859-1"?>
<Resume>
  <StructuredXMLResume>
    <ContactInfo>
      <PersonName>
        <FormattedName>Sandy Keagon</FormattedName>
        <GivenName>Sandy</GivenName>
        <FamilyName>Keagon</FamilyName>
      </PersonName>
      <ContactMethod>
        <Use>personal</Use>
        <Telephone>
          <InternationalCountryCode>1</InternationalCountryCode>
          <AreaCityCode>604</AreaCityCode>
          <SubscriberNumber>7693087</SubscriberNumber>
        </Telephone>
        <InternetEmailAddress>SKe@gmail.com</InternetEmailAddress>
        <PostalAddress>
          <CountryCode>CA</CountryCode>
          <PostalCode>V6B 3M6</PostalCode>
          <Region>BC</Region>
          <Municipality>Vancouver</Municipality>
          <DeliveryAddress>
            <AddressLine>1060 Seymour Street</AddressLine>
          </DeliveryAddress>
        </PostalAddress>
      </ContactMethod>
    </ContactInfo>

```

```

</Resume>]]></parseResumeReturn>
  </parseResumeResponse>
</soapenv:Body>
</soapenv:Envelope>

```

parseResumeIntoCandidate Element:

Operation type: Request-response.

- The endpoint receives a message resume binary attachment and creates a new candidate with contact information parsed with the original resume appended to the candidate record, and sends back:
 - Candidate ID (either newly created or existing if duplicate)
 - Duplicate Value where 0 equals none existing and 1 equals duplicate exists

Input: parseResumeIntoCandidateRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	ByteArr	Yes	base64Binary []
referredBy	String	No	Name of referral source
filename	String	Yes	Name of the resume file including extension. The following MIME types are acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf

Output: parseResumeIntoCandidateResponse

Data Field Name	Data Field Type	Required	Acceptable Values
parseResumeIntoCandidateReturn			candidateId dup (duplicate value)

parseResumeIntoCandidate Test Case:

Input: parseResumeIntoCandidateRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:parseResumeIntoCandidate>
      <in0>webapi-3736131371583618769</in0>
      <in1>
        <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
      </in1>
      <referredBy>bdonlan</referredBy>
      <fileName>resume.doc</fileName>
    </urn:parseResumeIntoCandidate>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: parseResumeIntoCandidateResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <parseResumeIntoCandidateResponse xmlns="urn:TBEWebAPI">
      <parseResumeIntoCandidateReturn xsi:type="ns1:CandidateInsertResultBean" xmlns=""
xmlns:ns1="urn:TBEWebAPI">
        <candidateId>50</candidateId>
        <dup>1</dup>
      </parseResumeIntoCandidateReturn>
    </parseResumeIntoCandidateResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

setBinaryResume Element:

Operation type: Request-response.

- The endpoint receives a message to append a resume attachment to a candidate ID, and sends a correlated message only if error occurred.

Input: setBinaryResumeRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Candidate ID	Yes	ID of Candidate
in2	String	Yes	Filename of binary file with defined file extension. The following MIME types are acceptable: Text = text/plain html = text/html RTF = text/richtext Word = application/msword DocX = application/vnd.openxmlformats-officedocument.wordprocessingml.document PDF = application/pdf
in3	ByteArr	Yes	base64Binary []

Output: setBinaryResumeResponse

Data Field Name	Data Field Type	Required	Acceptable Values
setBinaryResumeReturn			

setBinaryResume Test Case:

Input: setBinaryResumeRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setBinaryResume>
      <in0>webapi-3736131371583618769</in0>
      <in1>44</in1>
      <in2>solidResume.doc</in2>
      <in3>
        <array>0M8R4KGxGuEAAAAAAAAAAAAAAAAAAAAAA==</array>
      </in3>
    </urn:setBinaryResume>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: setBinaryResumeResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setBinaryResumeResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

Search API Calls

Search API calls are the results of querying of supported entities in Taleo Business Edition. This object is used to encapsulate the ID of the entity found in Taleo during a search. By using this ID, a Web API client can get detailed information or perform other operations on that entity. Results are provided in an array where the ID is provided of the result and a score of relevance.

The following entities are supported for search:

- Account
- Candidate
- Contact
- Employee
- Requisition
- User

Use the search(entityName) call for the appropriate entity you are searching.

searchResultBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	ID of entity found in the database
relevance	Double	Read Only	Relevance is a value between 0 and 100, which reflects how well this candidate or requisition matches the search criteria

System-Wide Search Definition:

Map of search parameters always contains:

- key: name of field to search as a string
- value: search parameter as string.

Format of search value may differ depending on data type of the search field:

- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
 - key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
 - key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="United States" will search for all candidates with country field equals to "United States".
 - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.

Search keys names and types can be found in Administration>Customize>(Entity) Fields. They may include both system fields and custom fields. For custom fields External name is used as key name.

System Search Field Definitions:

Data Field Name	Data Field Type	Required	Acceptable Values
addedWithin	Integer	No	Added within N days
creationDate	Date	No	Added to system date
keyword	String	No	Keyword(s) in description. Identical syntax as used in Taleo browser interface.
lastUpdated	Date	No	Last updated date
phoneAll	String	No	Any phone number
state	Pick list	No	State/Region
status	Pick list	No	Status name
updatedWithin	Integer	No	Updated within N days

System API Calls

All system level properties for a Taleo Business Edition client, including modules uses, system setting values, and system URLs.

getEnabledServices Element:

Operation type: Request-response.

- The endpoint receives a message to get the all the application modules the company code has turned on, and sends back all system modules configured where:
 - 'perform' = Taleo Business Edition Perform
 - 'onBoarding' = Taleo Business Edition onBoarding
 - 'recruit' = Taleo Business Edition Recruit
 - 'backup' = Taleo Business Edition on-Demand BackUp Service
 - 'offcp' = Taleo Business Edition OFFCP Compliance Package
 - 'tsc' = Taleo Schedule Center for Recruit
 - 'tvr'= Taleo Voice Response for Recruit
 - 'generic'= Taleo Business Edition Generic Package for Recruit
 - 'staffing' = Taleo Business Edition Staffing Package for Recruit
 - 'pureDiscovery' = Pure Discovery Advanced Sourcing for Recruit

Input: getEnabledServicesRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getEnabledServicesResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getEnabledServicesReturn			String of system modules

getEnabledServices Test Case:

Input: getEnabledServicesRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getEnabledServices>
      <in0>webapi-8948403736913319968</in0>
    </urn:getEnabledServices>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getEnabledServicesResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getEnabledServicesResponse xmlns="urn:TBEWebAPI">
      <getEnabledServicesReturn
xmlns="">,perform,onBoarding,tsc,tvr,generic,staffing,recruit,pureDiscovery,backup,offcp</ge
tEnabledServicesReturn>
    </getEnabledServicesResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getSystemProps Element:

Operation type: Request-response.

- The endpoint receives a message to get the system props of a company code using valid session variable, and sends back all system properties configured.
- System-level properties return as string-string map:

Property Name	Property Value
---------------	----------------

HiredStatuses	Comma-separated ids of statuses for hired candidates
OpenedStatuses	Comma-separated ids of statuses for opened requisitionss
MyViewStatuses	Comma-separated ids of statuses for candidates shown on "My View" page
PipelineStatuses	Comma-separated ids of statuses for candidates shown on "Pipeline" page

Input: getSystemPropsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

Output: getSystemPropsResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getSystemPropsReturn			Array of System Property Values

getSystemProps Test Case:

Input: getSystemPropsRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getSystemProps>
      <in0>webapi8250491874042899515</in0>
    </urn:getSystemProps>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getSystemPropsResponse (truncated)

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getSystemPropsResponse xmlns="urn:TBEWebAPI">
      <getSystemPropsReturn xmlns="">
        <item>
```

```
<key xsi:type="xsd:string">BlockedEmailAttachments</key>
<value xsi:type="xsd:string">*.bat;*.vbs;*.com;*.exe;*.scr</value>
</item>
<key xsi:type="xsd:string">ReqLinkTemplate</key>
<value xsi:type="xsd:string">5</value>
</item>
<item>
<key xsi:type="xsd:string">ApplicationName</key>
<value xsi:type="xsd:string">Taleo Business Edition</value>
</item>
<item>
<key xsi:type="xsd:string">DaysBeforeShutdown</key>
<value xsi:type="xsd:string">30</value>
</item>
<item>
<key xsi:type="xsd:string">msg.c3p0.preferredTestQuery</key>
<value xsi:type="xsd:string">select 1</value>
</item>
<item>
<key xsi:type="xsd:string">c3p0.acquireRetryAttempts</key>
<value xsi:type="xsd:string">30</value>
</item>
<item>
<key xsi:type="xsd:string">msg.dbcp.maxActive</key>
<value xsi:type="xsd:string">20</value>
</item>
<item>
<key xsi:type="xsd:string">msg.dbcp.numTestsPerEvictionRun</key>
<value xsi:type="xsd:string">3</value>
</item>
<item>
<key xsi:type="xsd:string">MaxTransactionTime</key>
<value xsi:type="xsd:string">2</value>
</item>
<item>
<key xsi:type="xsd:string">msg.c3p0.acquireRetryDelay</key>
<value xsi:type="xsd:string">1000</value>
</item>
<item>
<key xsi:type="xsd:string">formDisplayManager.cacheSizeLimit</key>
<value xsi:type="xsd:string">50</value>
</item>
<item>
<key xsi:type="xsd:string">c3p0.initialPoolSize</key>
<value xsi:type="xsd:string">5</value>
</item>
```

```

<item>
  <key xsi:type="xsd:string">formDisplayManager.commonFormExpiryTime</key>
  <value xsi:type="xsd:string">1200</value>
</item>
<item>
  <key xsi:type="xsd:string">msg.c3p0.maxConnectionAge</key>
  <value xsi:type="xsd:string">0</value>
</item>
<item>
  <key xsi:type="xsd:string">dbcp.testWhileIdle</key>
  <value xsi:type="xsd:string">true</value>
</item>
<item>
  <key xsi:type="xsd:string">ReqCreateTemplate</key>
  <value xsi:type="xsd:string">-1</value>
</item>
<item>
  <key xsi:type="xsd:string">ReviewApproverApprovesTemplate</key>
  <value xsi:type="xsd:string">40</value>
</item>
<item>
  <key xsi:type="xsd:string">msg.c3p0.async</key>
  <value xsi:type="xsd:string">true</value>
</item>
<item>
  <key xsi:type="xsd:string">OfferApprovedTemplate</key>
  <value xsi:type="xsd:string">-1</value>
</item>
<item>
  <key xsi:type="xsd:string">scDocSetClient.segment</key>
  <value xsi:type="xsd:string">NA01A</value>
</item>
</getSystemPropsReturn>
</getSystemPropsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

Task API Calls

Tasks are workflow tasks stored within a specific entity of Taleo Business Edition. There is a one-to-many relationship with tasks to entities. Entities include accounts (ACCT), candidates (CAND), contacts (CTCT), employees (EMPL), requisitions (REQU) and users (WORK).

taskBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	Account's unique server side ID. Can be obtained by searching the accounts' database or by creating a new account.
status	String	Yes	Account's Status from pick list
creator	String	Yes	Creator's login name
entityType	String	No	Type of related entity: ACCT = accounts CAND = candidates CTCT = contacts EMPL = employees REQU = requisitions WORK = users
entityId	long	No	ID of associated entity
subject	String	Yes	Subject of event
priority	String	Yes	Priority (from pick list): Low Normal High
dueDate	Date	No	Task's due date
description	String	No	Description
participants	ParticipantBean[]	Yes	Array of events' participants
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

participantBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
PersonId	long	Read Only	ID of person (user or contact)
PersonType	String	Yes	Type of person object: WORK=user, CTCT=contact. Use appropriate API to extract actual person object using person's ID
EventId	long	Yes	ID of event (interview, calendar event, or task)
EventType	String	Yes	Type of event object: INTV=interview, CLDEV=calendar event, TASK=task. Use appropriate API to extract actual event object using event's ID

StartDate	Date	No	Event's start date for given participant.
EndDate	Date	No	Event's end date for given participant.

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
FieldName	String	Yes	Field name
StringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
IntValue	int	No	Value of Integer field
DoubleValue	double	No	Value of Decimal or Currency field
BooleanValue	boolean	No	Value of Check Box field
DateValue	Date	No	Value of Date field

createTask Element:

Operation type: Request-response.

- The endpoint receives a message to create a task, and sends a correlated message of task ID.

Input: createTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	taskBean[] participantBean []	*	flexValues [] status * creator * description dueDate entityId entityType priority * subject * assignedTo [] endDate eventId * eventType *

			personId * personType * startDate *
--	--	--	---

Output: createTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createTaskReturn	Long	Yes	Provided Task ID

createTask Test Case:

Input: createTaskRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createTask>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <status>Not Started</status>
        <assignedTo>
          <!--Zero or more repetitions:-->
          <item>
            <endDate>2009-06-30T23:01:26.493Z</endDate>
            <eventId>2</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </assignedTo>
        <creator>skarim</creator>
        <description>Complete Interview</description>
        <dueDate>2009-06-30T23:01:26.493Z</dueDate>
        <entityId>48</entityId>
        <entityType>CAND</entityType>
        <priority>High</priority>
        <subject>Interview Schedule</subject>
      </in1>
    </urn:createTask>
  </soapenv:Body>

```

```
</soapenv:Envelope>
```

Output: createTaskResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createTaskResponse xmlns="urn:TBEWebAPI">
      <createTaskReturn xmlns="">1</createTaskReturn>
    </createTaskResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteTask Element:

Operation type: Request-response.

- The endpoint receives a message to delete a task instance, and sends a correlated message only if error occurred.

Input: deleteTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Task ID	Yes	ID of Task

Output: deleteTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteTaskReturn			

deleteTask Test Case:

Input: deleteTaskRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteTask>
      <in0>webapi411835895647962205</in0>
```

```

    <in1>4</in1>
  </urn:deleteTask>
</soapenv:Body>
</soapenv:Envelope>

```

Output: deleteTaskResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteTaskResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

getTaskByEntity Element:

Operation type: Request-response.

- The endpoint receives a message to get task(s) associated with any Taleo Business Edition entity that supports storing/creation of task events, and sends back task IDs associated with the entity ID.

Input: getTaskByEntityRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	Type of related entity: ACCT = accounts CAND = candidates EMPL = employees REQU = requisitions WORK = users
in2	Long	Yes	ID of associated entity

Output: getTaskByEntityResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByEntityReturn	array of task IDs		

getTaskByEntity Test Case:

Input: getTaskByEntityRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getTaskByEntity>
      <in0>webapi411835895647962205</in0>
      <in1>CAND</in1>
      <in2>48</in2>
    </urn:getTaskByEntity>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getTaskByEntityResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByEntityResponse xmlns="urn:TBEWebAPI">
      <getTaskByEntityReturn xmlns="">
        <array>
          <item>1</item>
          <item>2</item>
          <item>3</item>
        </array>
      </getTaskByEntityReturn>
    </getTaskByEntityResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

getTaskById Element:

Operation type: Request-response.

- The endpoint receives a message to get task details by task ID, and sends a correlated message of task information.

Input: getTaskByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at

			Login
in1	Task ID	Yes	ID of Task Instance

Output: getTaskByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByIdReturn	taskBean []		

getTaskById Test Case:

Input: getTaskByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getTaskById>
      <in0>webapi411835895647962205</in0>
      <in1>1</in1>
    </urn:getTaskById>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getTaskByIdResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByIdResponse xmlns="urn:TBEWebAPI">
      <getTaskByIdReturn xmlns="">
        <creationDate>2009-09-11T18:04:08.757Z</creationDate>
        <flexValues/>
        <id>1</id>
        <lastUpdated>2009-09-11T18:04:08.757Z</lastUpdated>
        <status>Not Started</status>
        <assignedTo>
          <item>
            <endDate xsi:nil="true"/>
            <eventId>1</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
            <personType>WORK</personType>
            <startDate>2009-06-30T23:01:26.493Z</startDate>
          </item>
        </assignedTo>
      </getTaskByIdReturn>
    </getTaskByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</assignedTo>
<creator xsi:nil="true"/>
<description>Complete Interview</description>
<dueDate>2009-06-30T23:01:26.493Z</dueDate>
<entityId>48</entityId>
<entityType>CAND</entityType>
<priority>High</priority>
<subject>Interview Schedule</subject>
</getTaskByIdReturn>
</getTaskByIdResponse>
</soapenv:Body>
</soapenv:Envelope>

```

getTaskByUser Element:

Operation type: Request-response.

- The endpoint receives a message to get all tasks associated with a user, and sends a correlated message of task IDs

Input: getTaskByUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	User ID
in2	Date	Yes	startDate interval for due items
in3	Date	Yes	endDate interval for due items

Output: getTaskByUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getTaskByUserReturn	array of task IDs		

getTaskByUser Test Case:

Input: getTaskByUserRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>

```

```

<soapenv:Body>
  <urn:getTaskByUser>
    <in0>webapi411835895647962205</in0>
    <in1>7</in1>
    <in2>2009-06-30T23:01:26.493Z</in2>
    <in3>2009-08-30T23:01:26.493Z</in3>
  </urn:getTaskByUser>
</soapenv:Body>
</soapenv:Envelope>

```

Output: getTaskByUserResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getTaskByUserResponse xmlns="urn:TBEWebAPI">
      <getTaskByUserReturn xmlns="">
        <array>
          <item>1</item>
          <item>2</item>
          <item>3</item>
        </array>
      </getTaskByUserReturn>
    </getTaskByUserResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

updateTask Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing task event, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the taskBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateTaskRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	taskBean[] participantBean []	*	flexValues [] id *

			status * creator * description dueDate entityId entityType priority * subject * assignedTo [] endDate eventId * eventType * personId * personType * startDate *
--	--	--	---

Output: updateTaskResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateTaskReturn			

updateTask Test Case:

Input: updateTaskRequest

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateTask>
      <in0>webapi411835895647962205</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions:-->
        </flexValues>
        <id>2</id>
        <status>Completed</status>
        <assignedTo>
          <!--Zero or more repetitions:-->
          <item>
            <eventId>1</eventId>
            <eventType>TASK</eventType>
            <personId>7</personId>
          </item>
        </assignedTo>
      </in1>
    </urn:updateTask>
  </soapenv:Body>
</soapenv:Envelope>
    
```

```

    <personType>WORK</personType>
    <startDate>2009-06-30T23:01:26.493Z</startDate>
  </item>
</assignedTo>
<creator>skarim</creator>
<description>Complete Interview</description>
<dueDate>2009-06-30T23:01:26.493Z</dueDate>
<entityId>48</entityId>
<entityType>CAND</entityType>
<priority>High</priority>
<subject>Interview Schedule</subject>
</in1>
</urn:updateTask>
</soapenv:Body>
</soapenv:Envelope>

```

Output: updateTaskResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateTaskResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>

```

User API Calls

Users are all the people with access to your Taleo Business Edition system including hiring managers, recruiters, interviewers, staffing agencies, etc.

userBean Definition:

** Picklist values within userBean may be customized/configured. Viewing source within the edit new user screen within Taleo Business Edition outlines picklist values for a client.

Data Field Name	Data Field Type	Required	Acceptable Values
id	long	Read Only	User's unique server side ID. Can be obtained by searching the user database or by creating a new user.

status	String	Yes	User's Status Value as derived from picklist. View Source on add new user page within the application to find values of status Names.
firstName	String	No	First name
middleInitial	String	No	Middle name
lastName	String	Yes	Last name.
title	String	No	User's title
location	String	No	Name of location (from pick list) assigned to this user. View Source on add new user page within the application to find values of location IDs.
manager	String	No	Login name of user's manager
phone	String	No	Phone number
cellPhone	String	No	Cell phone number
fax	String	No	Fax phone number
email	String	Yes	Email address
role	String	Yes	User's role: 'A' = Administrator 'M' = Hiring Manager 'R' = Recruiter 'E' = Employee 'G' = Agency '-' = no access
loginName	String	Yes	User's login name
timeZoneId	String	No	Local User Time zone ID as derived from picklist: 'MIT' = GMT-11:00 'Pacific/Apia' = GMT-11:00 'Pacific/Honolulu' = GMT-10:00 'America/Anchorage' = GMT-08:00 'America/Los_Angeles' = GMT-07:00 'America/Denver' = GMT-06:00 'America/Phoenix' = GMT-07:00 'America/Tegucigalpa' = GMT-06:00 'America/Winnipeg' = GMT-05:00 'America/Mexico_City' = GMT-05:00 'America/Chicago' = GMT-05:00 'America/Costa_Rica' = GMT-06:00 'America/Indianapolis' = GMT-04:00 'America/New_York' = GMT-04:00 'America/Bogota' = GMT-05:00 'America/Montreal' = GMT-04:00 'America/Santiago' = GMT-04:00 'America/Caracas' = GMT-04:30 'America/Thule' = GMT-03:00

			'America/St_Johns' = GMT-02:30 'America/Buenos_Aires' = GMT-03:00 'America/Sao_Paulo' = GMT-03:00 'Atlantic/South_Georgia' = GMT-02:00 'Atlantic/Cape_Verde' = GMT-01:00 'Atlantic/Azores' = GMT-00:00 'Europe/Dublin' = GMT+01:00 'Africa/Casablanca' = GMT-00:00 'Europe/Amsterdam' = GMT+02:00 'Europe/Belgrade' = GMT+02:00 'Europe/Brussels' = GMT+02:00 'Europe/Warsaw' = GMT+02:00 'Africa/Lagos' = GMT+01:00 'Europe/Athens' = GMT+03:00 'Europe/Bucharest' = GMT+03:00 'Africa/Cairo' = GMT+03:00 'Africa/Harare' = GMT+02:00 'Europe/Helsinki' = GMT+03:00 'Asia/Jerusalem' = GMT+03:00 'Asia/Baghdad' = GMT+03:00 'Asia/Kuwait' = GMT+03:00 'Europe/Moscow' = GMT+04:00 'Africa/Nairobi' = GMT+03:00 'Asia/Tehran' = GMT+04:30 'Asia/Dubai' = GMT+04:00 'Asia/Baku' = GMT+05:00 'Asia/Kabul' = GMT+04:30 'Asia/Yekaterinburg' = GMT+06:00 'Asia/Karachi' = GMT+06:00 'Asia/Calcutta' = GMT+05:30 'Asia/Katmandu' = GMT+05:45 'Asia/Almaty' = GMT+06:00 'Asia/Dhaka' = GMT+07:00 'Asia/Colombo' = GMT+05:30 'Asia/Rangoon' = GMT+06:30 'Asia/Bangkok' = GMT+07:00 'Asia/Krasnoyarsk' = GMT+08:00 'Asia/Hong_Kong' = GMT+08:00 'Asia/Irkutsk' = GMT+09:00 'Asia/Kuala_Lumpur' = GMT+08:00 'Australia/Perth' = GMT+08:00 'Asia/Taipei' = GMT+08:00 'Asia/Tokyo' = GMT+09:00 'Asia/Seoul' = GMT+09:00 'Asia/Yakutsk' = GMT+10:00 'Australia/Adelaide' = GMT+09:30
--	--	--	---

			'Australia/Darwin' = GMT+09:30 'Australia/Brisbane' = GMT+10:00 'Australia/Sydney' = GMT+10:00 'Pacific/Guam' = GMT+10:00 'Australia/Hobart' = GMT+10:00 'Asia/Vladivostok' = GMT+11:00 'Asia/Magadan' = GMT+12:00 'Pacific/Auckland' = GMT+12:00 'Pacific/Fiji' = GMT+12:00 'Pacific/Tongatapu' = GMT+13:00
localeCode	String	No	Locale code as derived from picklist: 'enAU' = English - Australia 'enAT' = English - Austria 'enBE' = English - Belgium 'enCA' = English - Canada 'enFI' = English - Finland 'enFR' = English - France 'enGR' = English - Greece 'enIE' = English - Ireland 'enIT' = English - Italy 'enLU' = English - Luxembourg 'enNL' = English - Netherlands 'enNZ' = English - New Zealand 'enPT' = English - Portugal 'enGB' = English - United Kingdom 'enUS' selected = English - United States 'frCA' = French - Canada 'deDE' = German - Germany 'esMX' = Spanish - Mexico 'esES' = Spanish - Spain
lastLogin	Date	Read Only	Last Login
creationDate	Date	Read Only	Creation date
lastUpdated	Date	Read Only	Last updated date
flexValues	FlexFieldBean[]	No	Array of flexible (custom) field values

flexFieldBean Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
fieldName	String	Yes	Field name
stringValue	String	No	Value of Text, Email, URL, Pick list, or Text Area field. For Multiple Pick list use ' ' to separate values.
intValue	int	No	Value of Integer field
doubleValue	double	No	Value of Decimal or Currency field

booleanValue	Boolean	No	Value of Check Box field
dateValue	Date	No	Value of Date field

createUser Element:

Operation type: Request-response.

- The endpoint receives a message to create a user, and sends a correlated message of user ID.

Input:createUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	userBean[]	*	flexValues [] status * cellPhone email * fax firstName lastName * localeCode location loginName * manager middleInitial phone role * timeZoneld title

Output: createUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
createUserReturn	Long	Yes	Provided User ID

createUser Test Case:

Input:createUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
```

```

<soapenv:Body>
  <urn:createUser>
    <in0>webapi-7677111958344909818</in0>
    <in1>
      <flexValues>
        <!--Zero or more repetitions:-->
        <item></item>
      </flexValues>
      <status>Employee</status>
      <cellPhone>638-234-5364</cellPhone>
      <email>sk@invalidemail.com</email>
      <fax>384-239-2345</fax>
      <firstName>James</firstName>
      <lastName>Jason</lastName>
      <localeCode>Asia/Taipei</localeCode>
      <location>Vancouver</location>
      <loginName>JamesJason</loginName>
      <manager>skarim</manager>
      <middleInitial>J</middleInitial>
      <phone>897-238-24854</phone>
      <role>A</role>
      <timeZoneId>Pacific/Apia</timeZoneId>
      <title>Manager</title>
    </in1>
  </urn:createUser>
</soapenv:Body>
</soapenv:Envelope>

```

Output:createUserResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createUserResponse xmlns="urn:TBEWebAPI">
      <createUserReturn xmlns="">16</createUserReturn>
    </createUserResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

createUserWithPermissions Element:

Operation type: Request-response.

- The endpoint receives a message to create a user with permission attributes, and sends a correlated message of user ID.
- User permissions fall within the attributesBean where 'approver' element defines the user has permissions to approve requisitions and 'offerAppr' element defines the user has permissions to approve requisition offers to candidates. Both attributes are Boolean where 'True' defines allowable 'approver' and 'offerAppr' abilities for the user.

Input: createUserWithPermissionsRequest

Data Field Name	Data Field Type	Required	Acceptable Values
sessionID	String	Yes	Session ID received at Login
userBeanToCreate	userBean[] attributesBean []	*	userBean flexValues [] status * cellPhone email * fax firstName lastName * localeCode location loginName * manager middleInitial phone role * timeZoneId title attributes approver (Boolean) offerAppr (Boolean)

Output: createUserWithPermissions Response

Data Field Name	Data Field Type	Required	Acceptable Values
createUserWithPermissions Return	Long	Yes	Provided User ID

createUserWithPermissions Test Case:

Input: createUserWithPermissions Request

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:createUserWithPermissions>
      <sessionId>webapi-7677111958344909818</sessionId>
      <userBeanToCreate>
        <flexValues>
          <!--Zero or more repetitions:-->
          <item></item>
        </flexValues>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk2@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastName>Jason</lastName>
        <localeCode>Asia/Taipei</localeCode>
        <location>Vancouver</location>
        <loginName>JJ1234</loginName>
        <manager>skarim</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneId>Pacific/Apia</timeZoneId>
        <title>Manager</title>
      </userBeanToCreate>
      <additionalEntities>
        <!--Zero or more repetitions:-->
        <item>
          <key>offerAppr</key>
          <value>True</value>
        </item>
        <item>
          <key>approver</key>
          <value>True</value>
        </item>
      </additionalEntities>
    </urn:createUserWithPermissions>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: createUserWithPermissionsResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <createUserWithPermissionsResponse xmlns="urn:TBEWebAPI">
      <createUserWithPermissionsReturn xmlns="">18</createUserWithPermissionsReturn>
    </createUserWithPermissionsResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

deleteUser Element:

Operation type: Request-response.

- The endpoint receives a message to delete a user, and sends a correlated message only if error occurred.

Input: deleteUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	User ID	Yes	ID of User

Output: deleteUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
deleteUserReturn			

deleteUser Test Case:

Input: deleteUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:deleteUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>10</in1>
    </urn:deleteUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: deleteUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <deleteUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

getUserById Element:

Operation type: Request-response.

- The endpoint receives a message to get an User details, and sends a correlated message of User information.

Input: getUserByIdRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	User ID	Yes	ID of User

Output: getUserByIdResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getUserByIdReturn	UserBean []		

getUserById Test Case:

Input: getUserByIdRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getUserById>
      <in0>webapi-7677111958344909818</in0>
      <in1>18</in1>
    </urn:getUserById>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    </urn:getUserById>
  </soapenv:Body>
</soapenv:Envelope>

```

Output: getUserByIdResponse

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getUserByIdResponse xmlns="urn:TBEWebAPI">
      <getUserByIdReturn xmlns="">
        <creationDate>2009-09-16T00:19:11.544Z</creationDate>
        <flexValues></flexValues>
        <id>18</id>
        <lastUpdated>2009-09-16T00:19:11.544Z</lastUpdated>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk2@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastLogin>2009-09-15T22:41:15.643Z</lastLogin>
        <lastName>Jason</lastName>
        <localeCode>enUS</localeCode>
        <location>Vancouver</location>
        <loginName>jj1234</loginName>
        <manager>skar@invalidemail.com</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneId>Pacific/Apia</timeZoneId>
        <title>Manager</title>
      </getUserByIdReturn>
    </getUserByIdResponse>
  </soapenv:Body>
</soapenv:Envelope>

```

getUserHistory Element:

Operation type: Request-response.

- The endpoint receives a message to get a Users system history within Taleo Business Edition, and sends a correlated message of User history information.

- This object is used to fetch a history log entry which reflects a past event or action related to Users. History records can only be created by the server, they cannot be modified or deleted. History log includes server side ID, test describing history record, complete text of email message (for email events) and creation date.

Input: getUserHistoryRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of User

Output: getUserHistoryResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getUserHistoryReturn	historyBean []		

getUserHistory Test Case:

Input: getUserHistoryRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getUserHistory>
      <in0>webapi-7677111958344909818</in0>
      <in1>18</in1>
    </urn:getUserHistory>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getUserHistoryResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getUserHistoryResponse xmlns="urn:TBEWebAPI">
      <getUserHistoryReturn xmlns="">
        <array>
          <item>
            <creationDate>2009-09-16T00:19:11.543Z</creationDate>
            <emailText xsi:nil="true"/>
          </item>
        </array>
      </getUserHistoryReturn>
    </getUserHistoryResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

    <id>654</id>
    <text>User created</text>
    <userName>skarim</userName>
  </item>
  <item>
    <creationDate>2009-09-16T00:19:11.543Z</creationDate>
    <emailText xsi:nil="true"/>
    <id>655</id>
    <text>Password reset</text>
    <userName>skarim</userName>
  </item>
</array>
</getUserHistoryReturn>
</getUserHistoryResponse>
</soapenv:Body>
</soapenv:Envelope>

```

searchUser Element:

Operation type: Request-response.

- The endpoint receives a message to query all Users based on defined key (field name) and value (data looking for), and sends a correlated message of User ID and associated search relevance.
- Relevance is a value between 0 and 100, which reflects how well the account matches the search criteria
- Map of search parameters always contains:
 - key: name of field to search as a string
 - value: search parameter as string.
- Format of search value may differ depending on data type of the search field:
- For text, text area, email, URL fields: simple text to be found (case-insensitive) in this field. Example:
 - key="city", value="Francisco" will search for all candidates with "Francisco" in "city" field.
- For integer, double, currency: interval between two numbers separated by '|' character. Either left (from) or right (to) side can be omitted. Example:
 - key="rank", value="100|" will search for all candidates with rank value no less than 100.
 - key="rank", value="|200" will search for all candidates with rank value no more than 200.
 - key="rank", value="100|200" will search for all candidates with rank value between 100 and 200 (inclusive).
- For date fields: interval between two dates in ISO yyyy-MM-dd format, separated by '|' character. Either left (from) or right (to) side can be omitted. Example:

- key="startDate", value="2004-06-01|" will search for all candidates with start date on or after June 1st 2004.
- key="startDate", value="|2004-08-01" will search for all candidates with start date on or before August 1st 2004.
- key="startDate", value="2004-06-01|2004-08-01" will search for all candidates with start date between June 1st 2004 and August 1st 2004 (inclusive).
- For date interval fields: number of days from today to the past. Example:
 - key="addedWithin", value="7" will search for all candidates added to the system within the last week.
- For single pick list: code value or name of selected item. Example:
 - key="country", value="US" will search for all candidates with country field equals to "United States".
 - key="status", value="available" will search for all candidates in "Available" status.
- For multiple pick list: code values or names of selected items, separated by '|' character. Example:
 - key="customMultiple", value="A1|B2|X5" will search for all candidates with customMultiple field containing one or more of values: A1, B2, X5.
- For check box fields: "true" if check box must be checked, "false" is unchecked. Example:
 - key="flagged", value="true" will search for all candidates "flagged" for the user currently logged in.
- Search keys names and types can be found in Administration>Customize>User Fields. They may include both system fields (listed below for convenience) and custom fields. For custom fields External name is used as key name.

System Search Keys:

Data Field Name	Parameter Type	Description
keyword	String	Keyword(s) in user's profile. Identical syntax as used in Taleo browser interface.
firstName	String	User's first name
lastName	String	User's last name
title	String	User's title
location	Pick list	Location assigned to user
manager	String	Login name of manager assigned to user
role	String	User's role: 'A'-admin, 'M'-hiring manager, 'R'-recruiter, 'E'-employee, 'G'-agency
addedWithin	Integer	Added within N days
updatedWithin	Integer	Updated within N days

Input: searchUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

in0	String	Yes	Session ID received at Login
in1	Item...	Yes	key value

Output: searchUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
searchUserReturn	searchResultBean []		

searchUser Test Case:

Input: searchUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:searchUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>
        <!--Zero or more repetitions:-->
        <item>
          <key>Role</key>
          <value>Administrator</value>
        </item>
      </in1>
    </urn:searchUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: searchUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <searchUserResponse xmlns="urn:TBEWebAPI">
      <searchUserReturn xmlns="">
        <array>
          <item>
            <id>7</id>
            <relevance>1.0</relevance>
          </item>
        </array>
      </searchUserReturn>
    </searchUserResponse>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</item>
<item>
  <id>18</id>
  <relevance>1.0</relevance>
</item>
</array>
</searchUserReturn>
</searchUserResponse>
</soapenv:Body>
</soapenv:Envelope>

```

updateUser Element:

Operation type: Request-response.

- The endpoint receives a message to update an existing user, and sends a correlated message only if error occurred.
- Please Note: Update requests replace all data fields in the userBean (i.e. data is not appended or upserted). Send all elements back or the field values will be returned NULL.

Input: updateUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	userBean[]	*	flexValues [] status * id * cellPhone email * fax firstName lastName * localeCode location loginName* manager middleinitial phone role * timeZoneld title

Output: updateUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
updateUserReturn			

updateUser Test Case:

Input: updateUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:updateUser>
      <in0>webapi-7677111958344909818</in0>
      <in1>
        <flexValues>
          <!--Zero or more repetitions-->
          <item></item>
        </flexValues>
        <status>Employee</status>
        <cellPhone>638-234-5364</cellPhone>
        <email>sk@invalidemail.com</email>
        <fax>384-239-2345</fax>
        <firstName>James</firstName>
        <lastName>Jason</lastName>
        <localeCode>Asia/Taipei</localeCode>
        <location>Vancouver</location>
        <loginName>JamesJason</loginName>
        <manager>skarim</manager>
        <middleInitial>J</middleInitial>
        <phone>897-238-24854</phone>
        <role>A</role>
        <timeZoneId>Pacific/Apia</timeZoneId>
        <title>Manager</title>
      </in1>
    </urn:updateUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: updateUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <updateUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

User Association Calls

User association are the elements that tie a specific user to a requisition within Taleo Business Edition system including hiring managers, recruiters, interviewers, staffing agencies, etc.

association Definition:

Data Field Name	Data Field Type	Required	Acceptable Values
sessionId	String	Yes	Session ID obtained at login
requisitionId	long	Yes	Requisition's ID
association	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies
userId	long	Yes	IDs of user associated with given requisition.
seqNo	int	No	Sequential number for approvers

getAssociatedUsers Element:

Operation type: Request-response.

- The endpoint receives a message to get a users association within a given requisition, and sends a correlated message array of User IDs.

Input: getAssociatedUsersRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login

in1	Long	Yes	Requisition ID
in2	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies

Output: getAssociatedUsersResponse

Data Field Name	Data Field Type	Required	Acceptable Values
getAssociatedUsersReturn			Array of User IDs

getAssociatedUsers Test Case:

Input: getAssociatedUsersRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:getAssociatedUsers>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>O</in2>
    </urn:getAssociatedUsers>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: getAssociatedUsersResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <getAssociatedUsersResponse xmlns="urn:TBEWebAPI">
      <getAssociatedUsersReturn xmlns="">
        <array>
          <item>7</item>
        </array>
      </getAssociatedUsersReturn>
    </getAssociatedUsersResponse>
```



```
</soapenv:Body>
</soapenv:Envelope>
```

removeAssociatedUser Element:

Operation type: Request-response.

- The endpoint receives a message to remove an association of a user to a requisition, and sends a correlated message only if error occurred.

Input: removeAssociatedUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of Requisition
in2	String	Yes	Picklist of Association Values: 'O' = Owner 'A' = approvers (in order) 'F' = offer approvers (in order) 'V' = agencies
in3	Long	Yes	ID of User

Output: removeAssociatedUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
removeAssociatedUserReturn			

removeAssociatedUser Test Case:

Input: removeAssociatedUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:removeAssociatedUser>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>O</in2>
      <in3>7</in3>
```

```
</urn:removeAssociatedUser>
</soapenv:Body>
</soapenv:Envelope>
```

Output: removeAssociatedUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <removeAssociatedUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```

setAssociatedUser Element:

Operation type: Request-response.

- The endpoint receives a message to set a user’s association to a requisition, and sends a correlated message only if error occurred.

Input: setAssociatedUserRequest

Data Field Name	Data Field Type	Required	Acceptable Values
in0	String	Yes	Session ID received at Login
in1	Long	Yes	ID of requisition
in2	String	Yes	Picklist of Association Values: ‘O’ = Owner ‘A’ = approvers (in order) ‘F’ = offer approvers (in order) ‘V’ = agencies
in3	Long	Yes	ID of User
in4	String	No	Sequence Number of user to association value (i.e. first approver = 1, second approver = 2, etc.)

Output: setAssociatedUserResponse

Data Field Name	Data Field Type	Required	Acceptable Values
-----------------	-----------------	----------	-------------------

setAssociatedUserReturn			
-------------------------	--	--	--

setAssociatedUser Test Case:

Input: setAssociatedUserRequest

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:TBEWebAPI">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:setAssociatedUser>
      <in0>webapi-6686750025617579220</in0>
      <in1>15</in1>
      <in2>0</in2>
      <in3>7</in3>
      <in4>1</in4>
    </urn:setAssociatedUser>
  </soapenv:Body>
</soapenv:Envelope>
```

Output: setAssociatedUserResponse

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <setAssociatedUserResponse xmlns="urn:TBEWebAPI"/>
  </soapenv:Body>
</soapenv:Envelope>
```