

LibreOffice
The Document Foundation

Publishing Extensions for LibreOffice

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Note for Mac users

Some keystrokes and menu items are different on a Mac from those used in Windows and Linux. The table below gives some common substitutions for the instructions in this chapter. For a more detailed list, see the application Help.

<i>Windows/Linux</i>	<i>Mac equivalent</i>	<i>Effect</i>
Tools → Options menu selection	LibreOffice → Preferences	Access setup options
<i>Right-click</i>	<i>Control+click</i>	Opens a context menu
<i>Ctrl (Control)</i>	⌘ (<i>Command</i>)	Used with other keys
<i>F5</i>	<i>Shift+⌘+F5</i>	Opens the Navigator
<i>F11</i>	⌘+T	Opens the Styles & Formatting window

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Introduction

You can enhance [the](#) functionality of LibreOffice with extensions.

Just install these small programs into LibreOffice and, after restarting [the](#) office suit, you can enjoy the new [facilities](#).

If you are an extension developer, you can use several languages to develop LibreOffice extensions. Supported programming languages are Basic, Python, JavaScript and Java. For [the](#) higher level of integrity and [possibilities](#) functionality you can use [the](#) C++, Python and Java languages to develop UNO complements [s](#)-based extensions.

As [a](#) UNO components, you can provide new implementations of existing functionality or specialized components like Calc Add-Ins, Add-Ons, DataPilots, Chart Add-Ins, or linguistic components: Spellchecker, Hyphenator or Thesaurus.

Also you can [pack](#) create extensions [to](#) provide additional Templates, Gallery [images](#) and Autotexts.

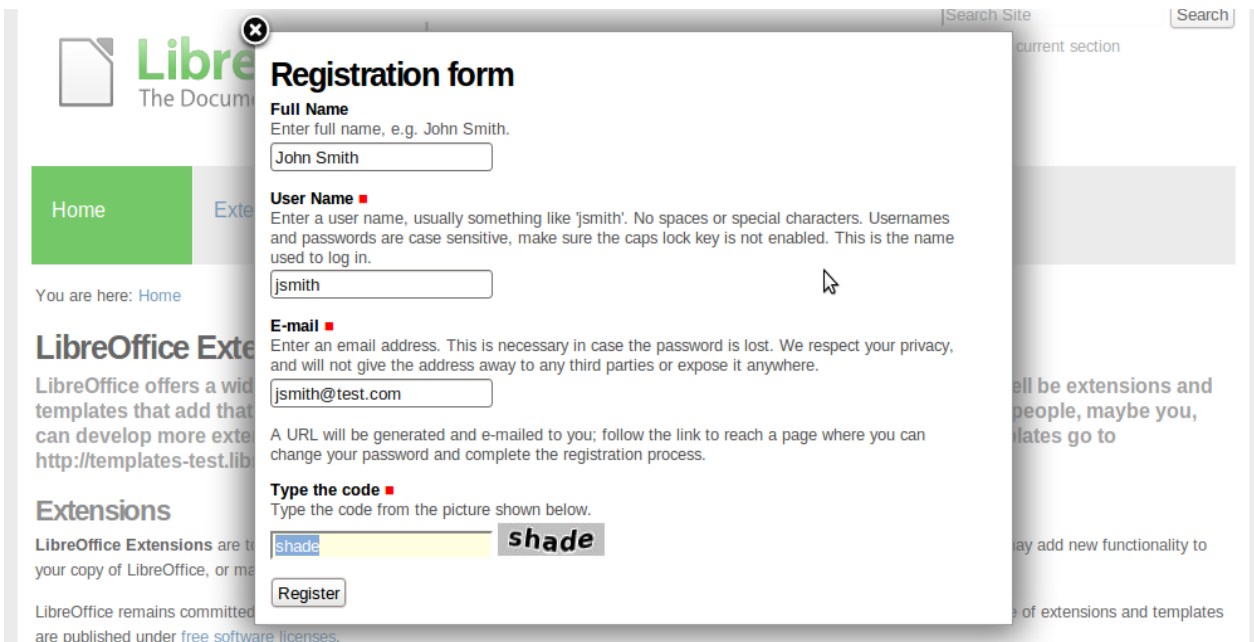
LibreOffice remains committed to providing users with quality software authored under [free software licenses](#), and, as such, our catalogue of extensions and templates [are](#) published under [free software licenses](#). These extensions are free of charge.

This [how to manual](#) describes the basic steps for publishing an extension in [the](#) LibreOffice official extension repository, located at <http://extensions.libreoffice.org/>.

We recommend [to](#) reading this document before [you](#) starts to publish your extension. [S](#)pecially to gather the basics information [you will need](#) to fill the mandatory fields.

Create a Software Project

First of all, you need to register yourself at the Extensions website. Open the Extensions web site in your browser and click on the **Register** button, in the right upper corner. Fill the *Registration form* and click **Register**.

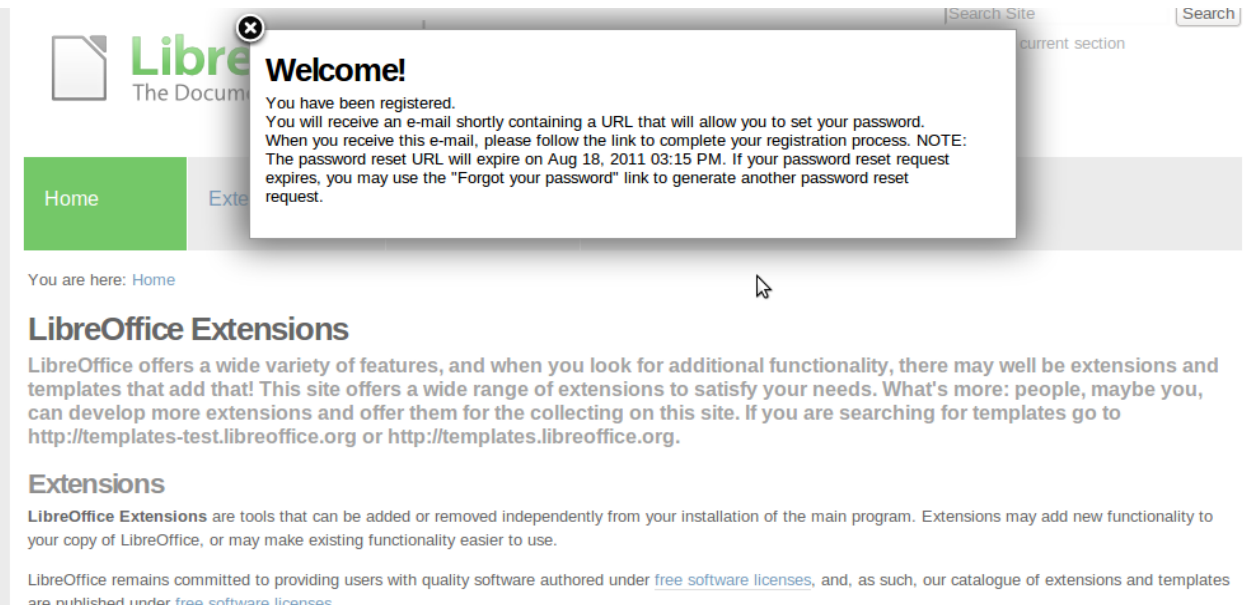


The screenshot shows the LibreOffice Extensions website with a registration form overlay. The form is titled "Registration form" and contains the following fields and instructions:

- Full Name**: Enter full name, e.g. John Smith. Input: John Smith
- User Name**: Enter a user name, usually something like 'jsmith'. No spaces or special characters. Usernames and passwords are case sensitive, make sure the caps lock key is not enabled. This is the name used to log in. Input: jsmith
- E-mail**: Enter an email address. This is necessary in case the password is lost. We respect your privacy, and will not give the address away to any third parties or expose it anywhere. Input: jsmith@test.com
- Type the code**: Type the code from the picture shown below. A CAPTCHA image shows the word "shade" in a yellow box. Input: shade

A "Register" button is located at the bottom of the form. The background shows the LibreOffice Extensions website navigation and content.

You should receive an e-mail containing a link to set your password and complete your registration process. You may set the password before the deadline date indicated in the e-mail. After this date, you may use the "Forgot your password" link to get a new password.



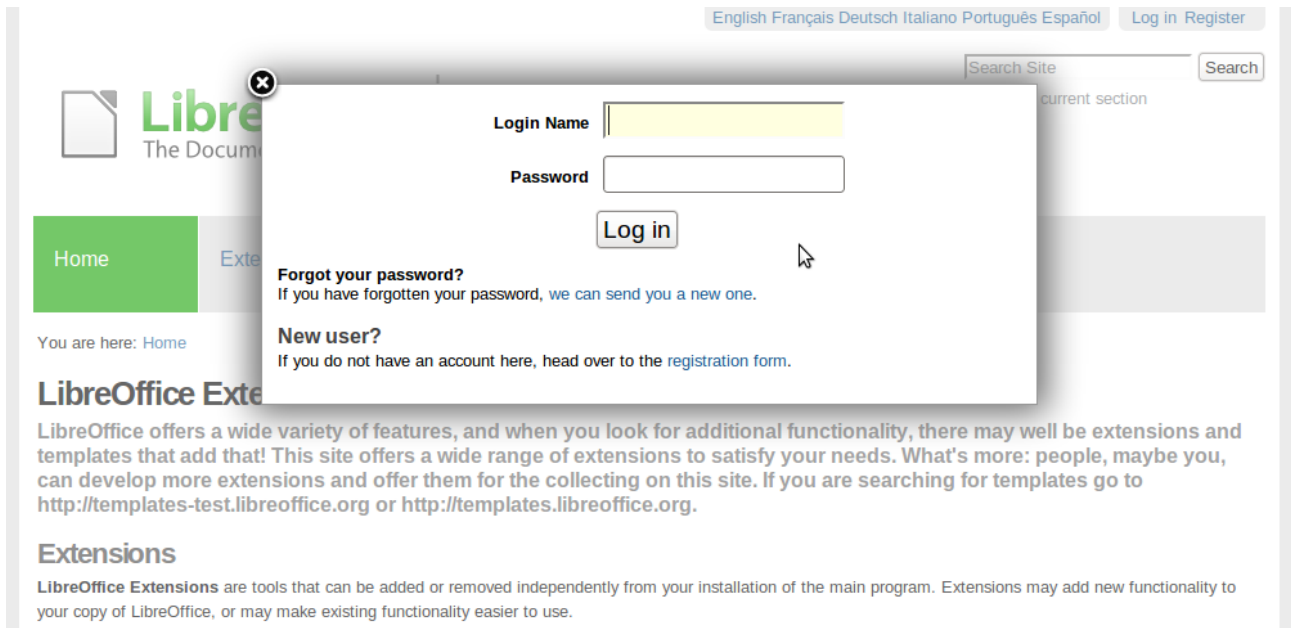
The screenshot shows the LibreOffice Extensions website with a "Welcome!" message overlay. The message text is:

Welcome!
You have been registered.
You will receive an e-mail shortly containing a URL that will allow you to set your password. When you receive this e-mail, please follow the link to complete your registration process. NOTE: The password reset URL will expire on Aug 18, 2011 03:15 PM. If your password reset request expires, you may use the "Forgot your password" link to generate another password reset request.

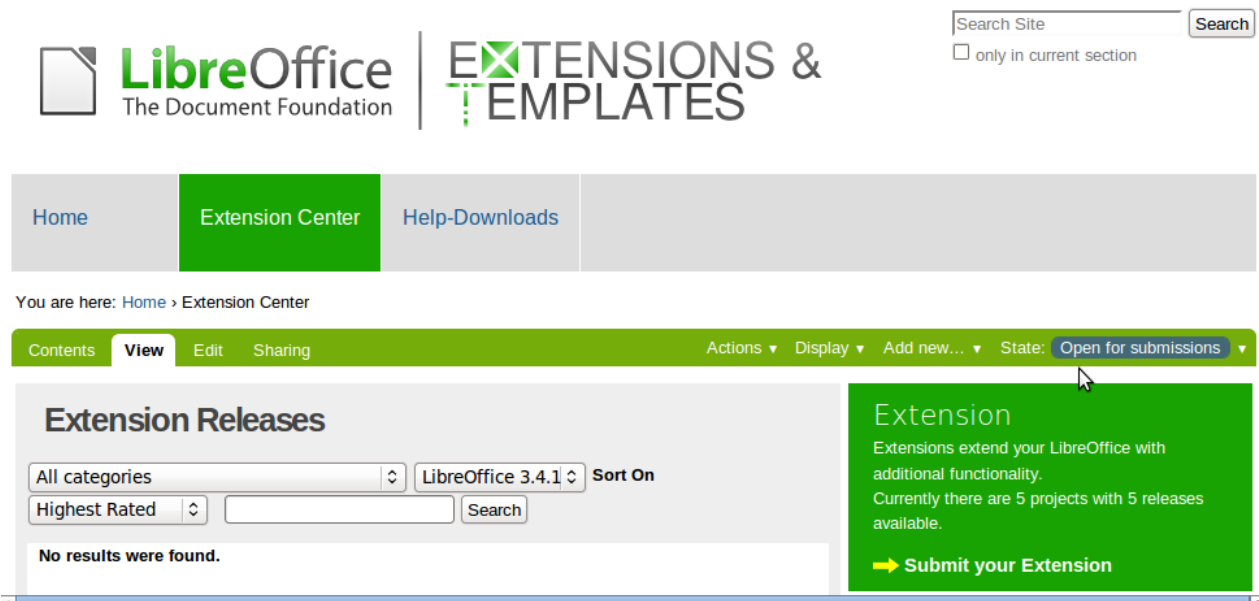
The background shows the LibreOffice Extensions website navigation and content.

After your registration process is complete, you will be able to log in and create a new extension project.

In the right upper corner, click on **Log in** to start.



Next, click on *Extension Center* and, after [that](#), on **Submit your Extension**, on the [right](#) green block [to the right](#).



The *Add Software Project* form will appear.

In this form, you have some mandatory fields [at in the Default tab](#): **Title**, **Categories**, **Project Summary**, **Full Project Description** and **Contact address**. Each one has a short description below the field name.

Caution



It is not recommended to use special characters like ">>", "<<", "&", "ç", "é" or [something](#) similar in the **Title** field. Please use only plain English text.

In **Categories**, you can select more than one option by pressing *Ctrl*.

You can see [the](#) list of categories [and their explanation](#) [at in](#) the table below.

Categories	Description	Example
All modules	Extensions for all program modules	Extensions that could be used with any program modules.
Gallery Contents	Extensions for all program modules	Pictures, Backgrounds, ...
Language Tools	Extensions for all program modules	Dictionaries and similar
Writer	Extensions for Writer	Extensions that could be used to extend the word processor module.
Calc	Extensions for Calc	Extensions that could be used to extend the spreadsheet program -module.
Impress	Extensions for Impress	Extensions that could be used to extend the presentation program -module.
Draw	Extensions for Draw	Extensions that could be used to extend the drawing program -module.
Base	Extensions for Base	Extensions that could be used to extend the database program -module.
Math	Extensions for Math	Extensions that could be used to extend the program -module for formula.

In **Contact address**, Use *mailto:* prefix for e-mail contact or *http://* prefix for a external web site.

In the next table, the *Add Software Project* form fields are listed.

Field	Description
Title	Title of the software project.
Categories	Categories that this item should appear in.
Project Summary	A short summary of the project.
Full Project Description	The complete project description.
Contact address	Contact address for the project. Use <code>mailto:</code> or <code>http://</code> prefix depending on what contact method you prefer.
Home page	If the project has an external home page, enter its URL.
URL of documentation repository	If the project has externally hosted documentation, enter its URL.
URL of version control repository	If the project has a code repository, enter its URL.
Issue tracker URL	If the project has an external issue tracker, enter its URL.
Support mailing list or forum URL	URL of mailing list information page/archives or support forum, if the project has one.
Logo	Add a logo for the project (or organization/company) by clicking the 'Browse' button. Max 150x75 pixels (will be resized if bigger).
Logo link	The URL the logo should link to, if applicable.
Screenshot	Add a screenshot by clicking the 'Browse' button. Max 800x600 (will be resized if bigger).

After [filling in](#) the form, click **Save**.

Caution



Please [be aw](#)[make su](#)re that the **Language** field on the *Metadata* page of your project is **Language neutral**! Otherwise the project [wills](#) not [be](#) visible [f](#)or users with another language setting in their browser.

Your Extension project will be created. However, at this time, you can not add releases, documentation or feature proposals. [Before To achieve that](#), you need [to](#) submit your project for approval.

To do this, click on **State: Submit for approval** link, in the right side of the green bar.

The screenshot shows the LibreOffice Extension Center interface. At the top, there are navigation tabs: Home, Extension Center (highlighted in green), and Help-Downloads. Below the tabs, the breadcrumb path is 'Home > Extension Center > Fixed values for Calc'. A green bar contains the project name 'Fixed values for Calc' and a 'Releases' link. A secondary green bar contains navigation options: Contents, View (selected), Edit, Sharing, Actions, Display, Add new..., and State: Unapproved project. The main content area features the title 'Fixed values for Calc' by Gustavo Pacheco, last modified Aug 11, 2011 04:05 PM. A description states: 'This extension creates two menu items in Calc to insert current date or current time in the selected cell as a fixed value.' There are 'Like' and 'Dislike' buttons with '0 likes, 0 dislikes' below them. A message reads: 'You can not add releases, documentation or feature proposals until the project itself is approved, make sure you submit it for approval when the relevant project information has been entered.' Below this is the 'Project Description' section, which says: 'After the installation, just go to Insert > Fixed Values menu and choose Date or Hour. The date or hour should be put on the selected cell, with the default format defined by the current language.' The 'Current Release' section states: 'No stable release available yet.' At the bottom, there is an 'All Releases' section with a table header containing columns: Version, Released, Description, Compatibility, License, and Status.

The status of your project will be changed to **State: Pending approval**, until [it](#) [is](#) approved [by](#) a reviewer. It is possible that the approval [will](#) take a few days.

[After approval, the status will be changed to State: Public and you can add releases, documentation and feature proposals.](#)

Note

You will not be notified about the project approval. You should verify the project status at the website.

~~[After approval, the status should be changed to State: Public and you can add releases, documentation and feature proposals.](#)~~

Adding a Release section

After approval, go to **Add new > Release section** to create a new workspace for your releases information and files.

The screenshot shows the 'Fixed values for Calc' extension page in the LibreOffice Extension Center. The page is titled 'Fixed values for Calc' and is by Gustavo Pacheco. It features a 'Releases' section with a 'View' button. A dropdown menu is open, showing options for 'Documentation Section', 'Releases Section', and 'Roadmap Section'. The 'Releases Section' is highlighted. Below the dropdown, there is a 'Like' button and a 'Dislike' button. The page also includes a 'Project Description' and a 'Current Release' section.

At the *Add Releases Section* form, [on the *Metadata* tab, you need to set the language to **Language neutral**, to have this section visible for all users. Then just click on **the Save** button.](#)

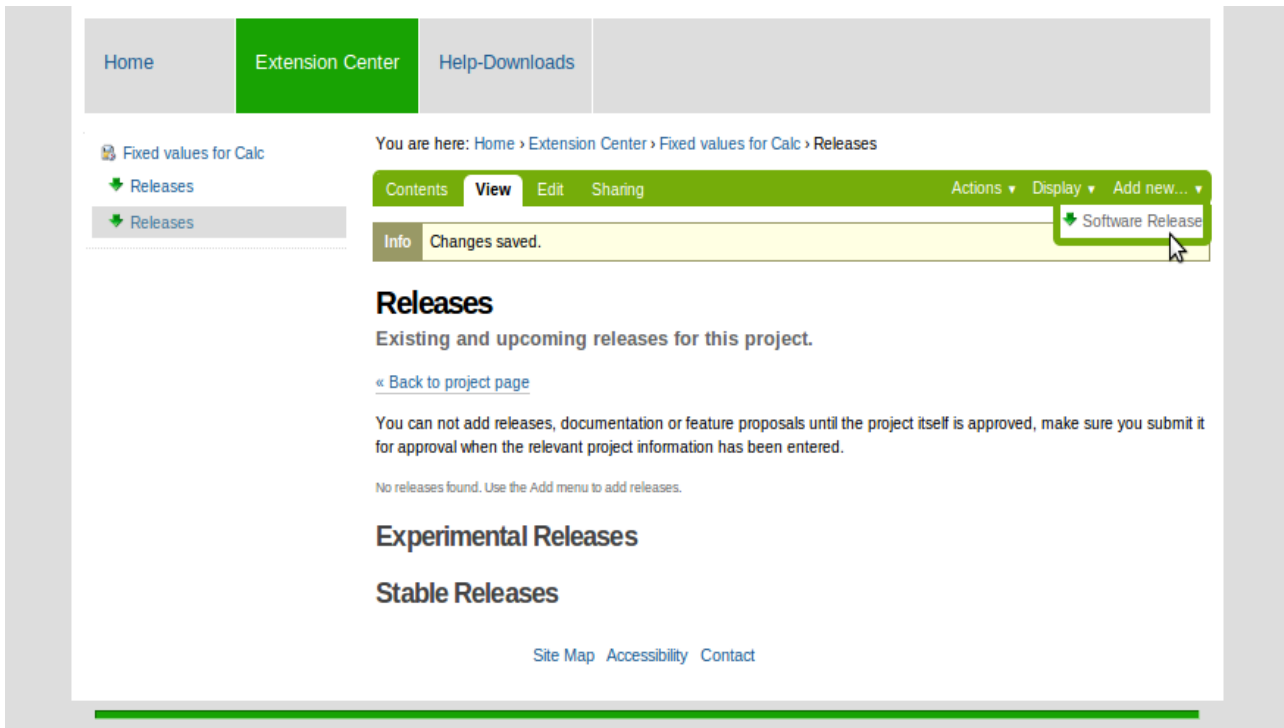
The screenshot shows the 'Add Releases Section' form in the LibreOffice Extension Center. The form is titled 'Add Releases Section' and is for the 'Fixed values for Calc' extension. It has two tabs: 'Default' and 'Metadata'. The 'Metadata' tab is selected. The form has a 'Title' field with the value 'Releases' and a 'Description' field with the value 'Existing and upcoming releases for this project.' There are 'Save' and 'Cancel' buttons at the bottom.

Caution

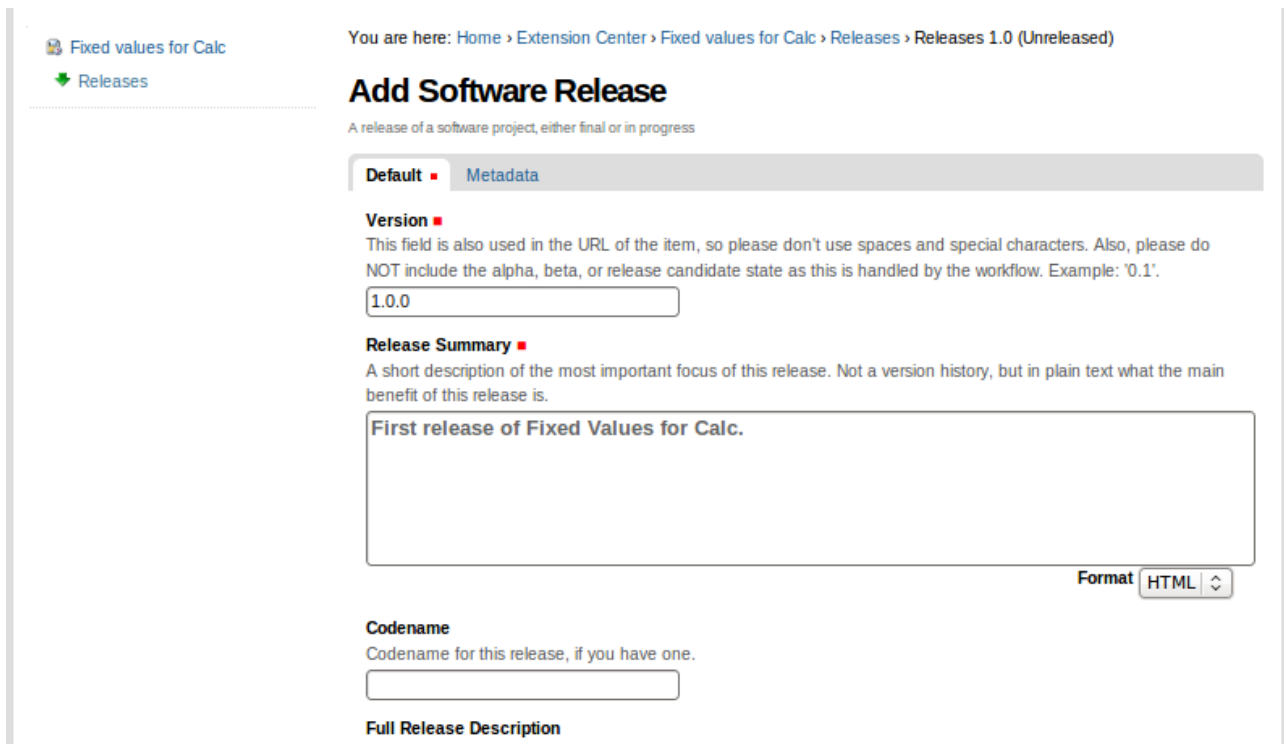


It is not recommended to use special characters like ">>", "<<", "&", "ç", "é" or [something](#) similar in the **Title** field. Please use only plain English text.

The *Releases* folder will be created and you can add a new release clicking on **Add new > Software Release**.



Now, you need to fill [in](#) the *Add Software Release* form.



Some fields on [the](#) **Default** tab are mandatory: **Version**, **Release Summary**, **License** and **Compatibility**.

All fields of [the Add Software Release form](#) are [described](#) on the list below:

Field	Description
Version	This field is also used in the URL of the item, so please don't use spaces and special characters. Also, please do NOT include the alpha, beta, or release candidate state as this is handled by the work_flow. Example: '0.1'.
Release Summary	A short description of the most important focus of this release. Not a version history, but in plain text what the main benefit of this release is.
Codename	Codename for this release, if you have one.
Full Release Description	The complete release text.
Changelog	A detailed log of what has changed since the previous release.
Release Manager	Release manager for this release.
Release Manager Contact E-mail	Contact e-mail for Release Manager.
Proposals freeze date	Date after which no more Improvement Proposals will be associated with the release
Feature freeze date	Date after which no new features will added to the release
(Expected) Release Date	Date on which a final release is expected to be made or was made
License	Release License: Please examine carefully which license you choose for your contribution. You can't change it after the release. The options are: GPL - GNU General Public License LGPL - GNU Lesser General Public License MPL – Mozilla Public License BSD License (revised) Public Domain Other OSI Approved You need to select at least one licence, but you can choose up to three.
Compatibility	Tested and working with the selected versions
Associated feature proposals	Related improvement proposals for features going into this release.
Repository branch	URL of version control repository branch for this release.

After [filling in](#) the *Add Software Release* form, click **Save**.

Caution



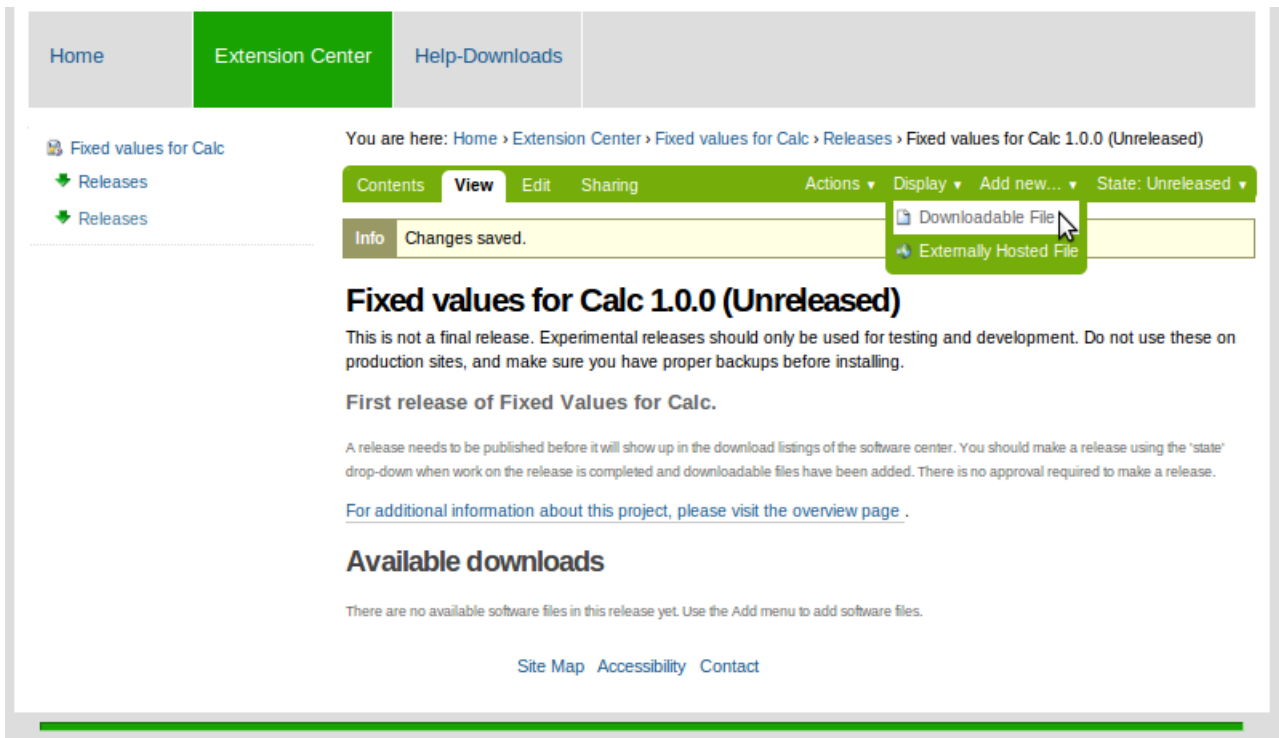
Please ~~be aw~~[make sure](#) that the **Language** field on the *Metadata* page of your release is **Language neutral**! Otherwise the ~~project~~[release will](#)s not ~~be~~ visible ~~for~~ users with another language setting in their browser.

Adding files

Now, after creating the Release folder, you have two options for the files of the release: add a downloadable file or add a link for an externally hosted file. These options are detailed in the next two sections.

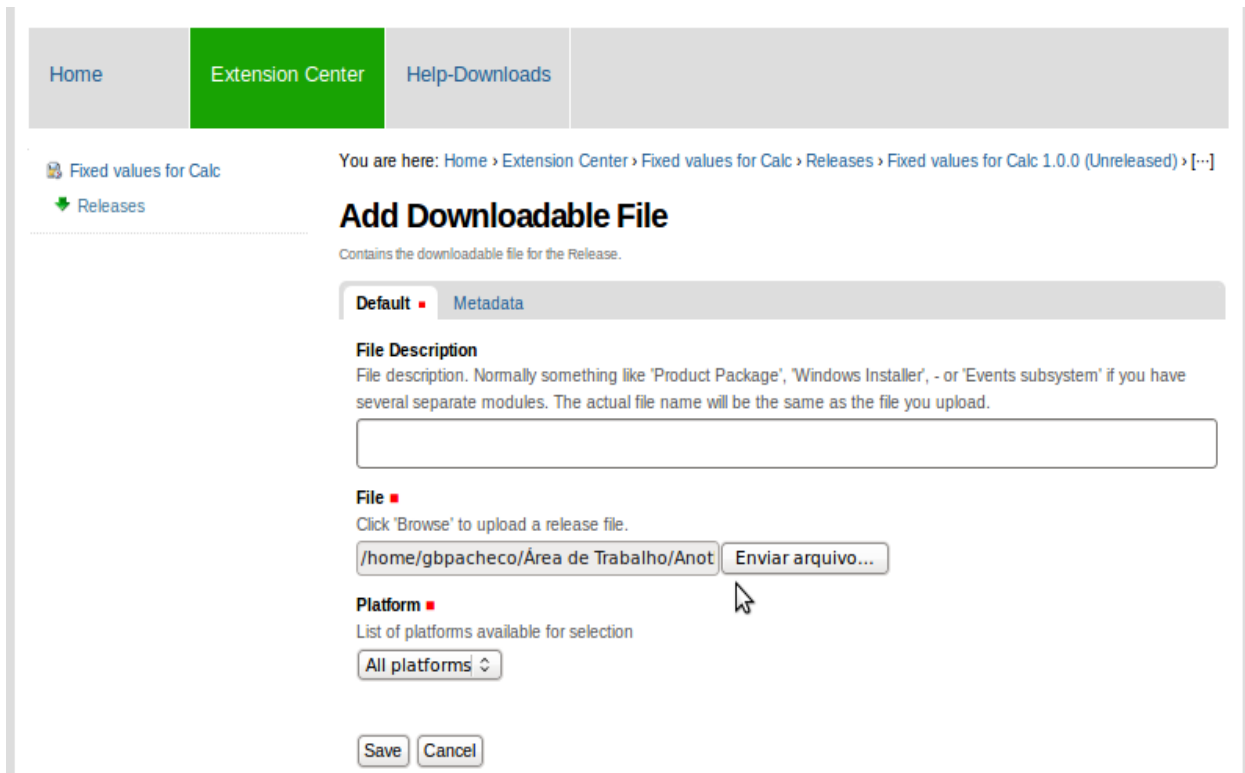
Adding a downloadable file

For the first option, click **Add new > Downloadable File** on the green bar.



The screenshot shows the LibreOffice Extension Center interface. At the top, there is a navigation bar with 'Home', 'Extension Center' (highlighted in green), and 'Help-Downloads'. Below this, a breadcrumb trail reads: 'You are here: Home > Extension Center > Fixed values for Calc > Releases > Fixed values for Calc 1.0.0 (Unreleased)'. The main content area has a green header bar with 'Contents', 'View' (selected), 'Edit', 'Sharing', 'Actions', 'Display', 'Add new...' (with a dropdown arrow), and 'State: Unreleased'. The 'Add new...' dropdown menu is open, showing two options: 'Downloadable File' (highlighted) and 'Externally Hosted File'. Below the header, there is a yellow status bar that says 'Info Changes saved.'. The main title is 'Fixed values for Calc 1.0.0 (Unreleased)'. The text below reads: 'This is not a final release. Experimental releases should only be used for testing and development. Do not use these on production sites, and make sure you have proper backups before installing.' followed by 'First release of Fixed Values for Calc.' and a paragraph explaining that a release needs to be published before it shows up in the download listings. At the bottom, there is a section titled 'Available downloads' with the text: 'There are no available software files in this release yet. Use the Add menu to add software files.' and a footer with 'Site Map', 'Accessibility', and 'Contact'.

AtIn the *Add Downloadable File* form [shown below](#), you [just](#) have [just](#) chosen your extension file in the **File** field and [need to](#) define the operating system in **Platform** field.



Home Extension Center Help-Downloads

Fixed values for Calc
Releases

You are here: Home > Extension Center > Fixed values for Calc > Releases > Fixed values for Calc 1.0.0 (Unreleased) > [...]

Add Downloadable File

Contains the downloadable file for the Release.

Default Metadata

File Description
File description. Normally something like 'Product Package', 'Windows Installer', - or 'Events subsystem' if you have several separate modules. The actual file name will be the same as the file you upload.

File
Click 'Browse' to upload a release file.
/home/gbpacheco/Área de Trabalho/Anot

Platform
List of platforms available for selection
All platforms

At the end of the form, click **Save**.

Caution



Please [be aw](#)make sure that the **Language** field on the *Metadata* page of your downloadable file is **Language neutral**! Otherwise the project [wills](#) not [be](#) visible [for](#) users with another language setting in their browser.

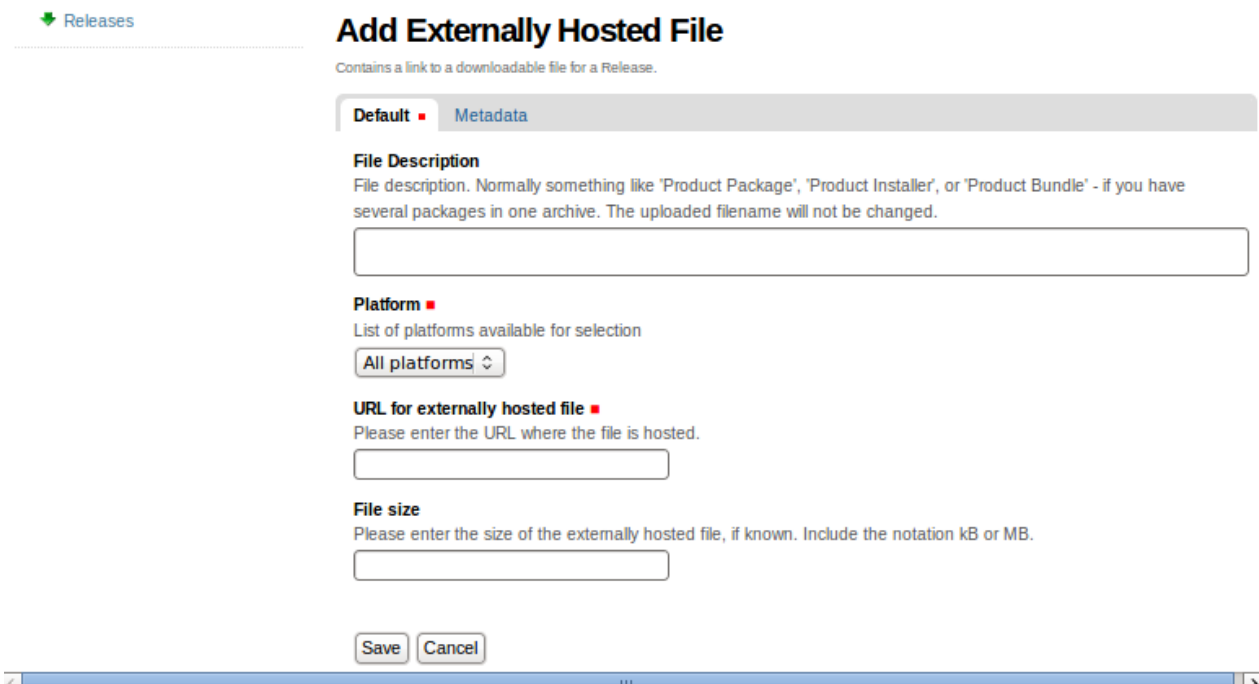
Caution



[Leave the File Description field empty. Otherwise the file will have this field for its name. You may set the file description afterwards on the Contents tab of the release, with the Rename button: New Short Name stands for the name of the file whereas New Title stands for the description of the file.](#)

Adding a link for an externally hosted file

To add an externally hosted file, just click **Add new > Externally Hosted File** on the green bar and fill the *Add Externally Hosted File* form. [For externally hosted files](#), ~~only the~~ **Platform** and **URL for externally hosted file** fields are mandatory.



Releases

Add Externally Hosted File

Contains a link to a downloadable file for a Release.

Default Metadata

File Description
File description. Normally something like 'Product Package', 'Product Installer', or 'Product Bundle' - if you have several packages in one archive. The uploaded filename will not be changed.

Platform ■
List of platforms available for selection
All platforms ▾

URL for externally hosted file ■
Please enter the URL where the file is hosted.

File size
Please enter the size of the externally hosted file, if known. Include the notation kB or MB.

Save Cancel

Click **Save** to finish.

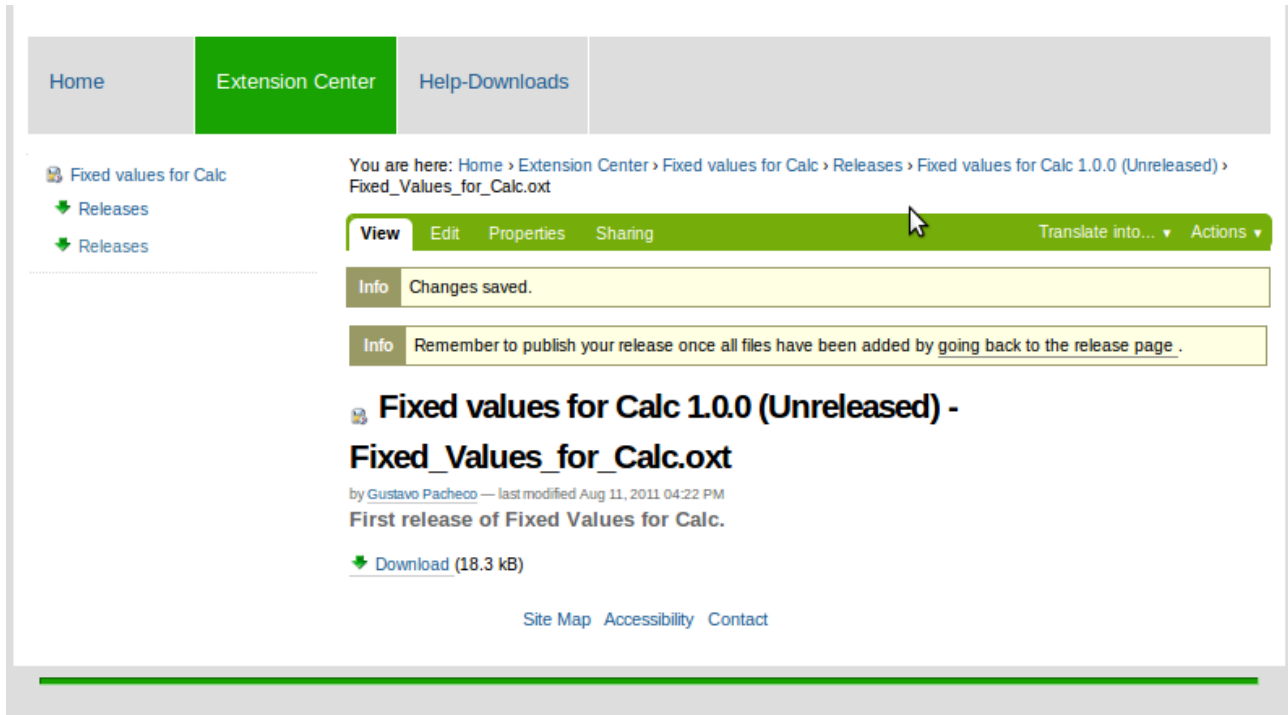
Caution



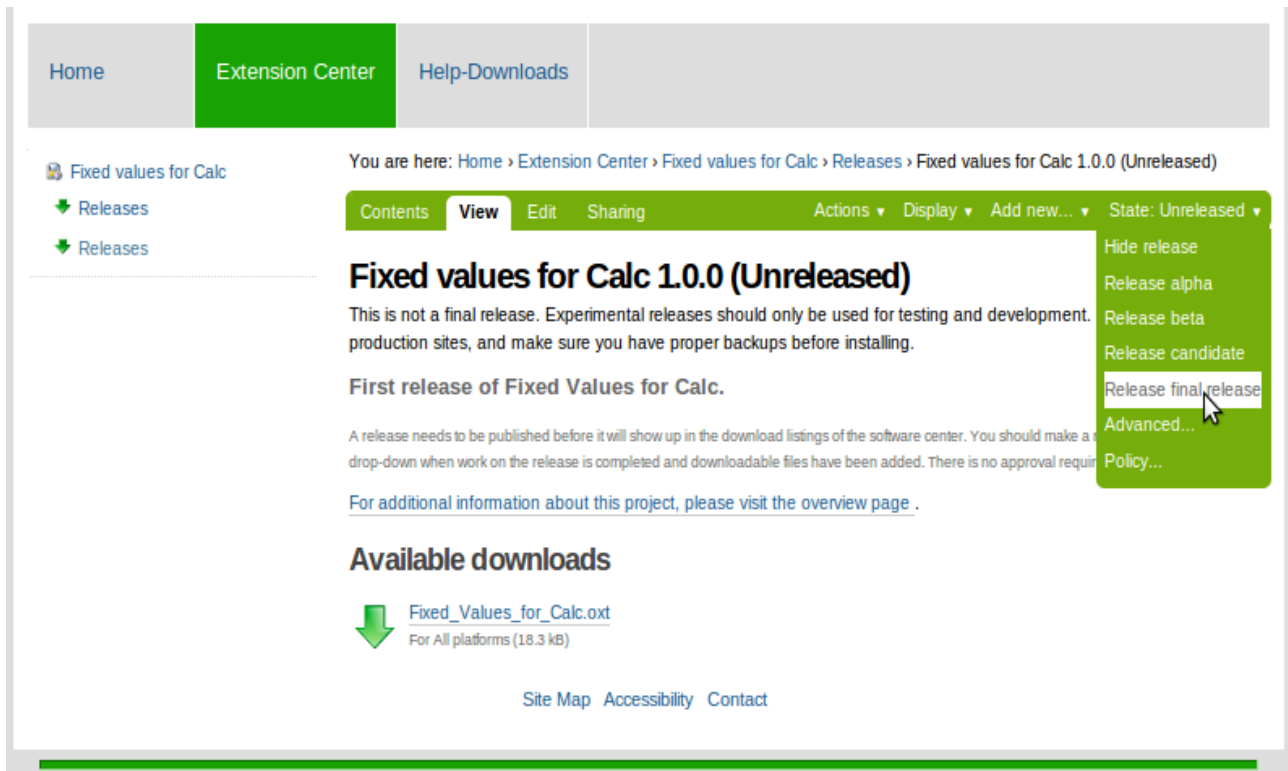
Please ~~be aw~~make sure that the **Language** field on the *Metadata* page of your [downloadableexternally-hosted](#) file is **Language neutral**! Otherwise the project [wills](#) not ~~be~~ visible ~~f~~or users with another language setting in their browser.

Publishing a release

After adding a downloadable file or a link for an externally hosted file for the release, you will see the Extension release and the file(s).



Click on **going back to the release page** link to change the release status. To publish the release, go to **State: Unreleased** menu and define the new state, for example, **Release final release**.



Finally, log out and go to the new extension page to see your extension published!