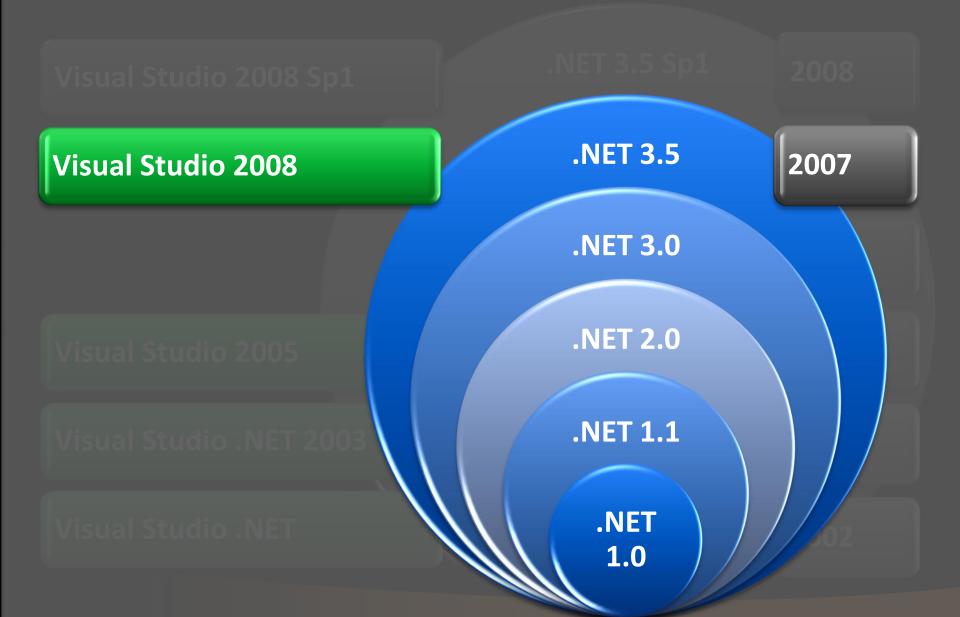
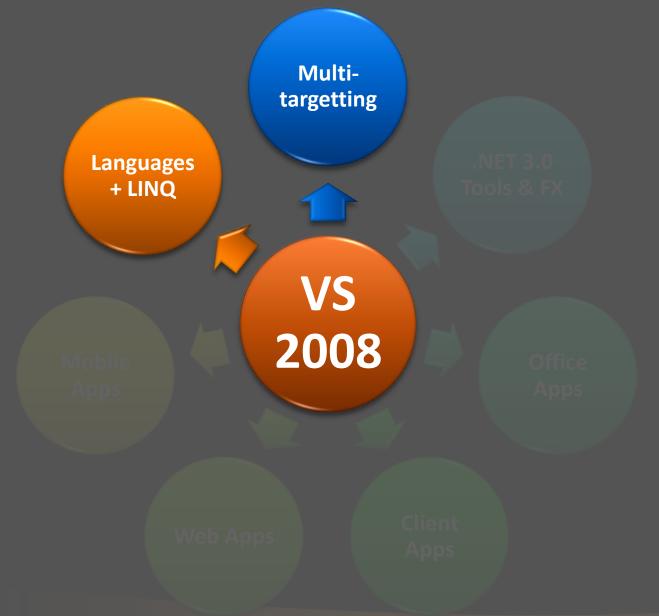
Visual Studio 2008

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Release History



What's New In VS 2008? (<u>video</u>)



reference slides
(http://miketaulty.com)

Client Applications (video)

Windows Presentation Foundation

- Visual Designer Integrated into Visual Studio
- XBAP deployment to FireFox
- UIElement3D, Viewport2DVisual3D

Windows Forms

- ClickOnce For FireFox
- Consume ASP.NET Provider Services
- Better WPF Interoperablity
- UAC Manifests

Consume WCF Services in Partial Trust

Web Applications (video)

Microsoft AJAX Libraries

IDE Enhancements

- Javascript IntelliSense
- Javascript Debugging
- New HTML Editor
 - Shared with Expression Web
 - Rich support for CSS
 - Split view with better switching performance
 - Nested Master Pages

Controls – ListView, DataPager

Office Applications (video)

Office 2003 & 2007 Support

• Built in to core product

Office 2007 Customisations

- Document or Application
- Ribbon Designer
- Outlook Form Region Designer
- Custom Action Panes
- ClickOnce Deployment

WF and WCF (video)

Workflow (WF)

Integration with WCF

Communication (WCF)

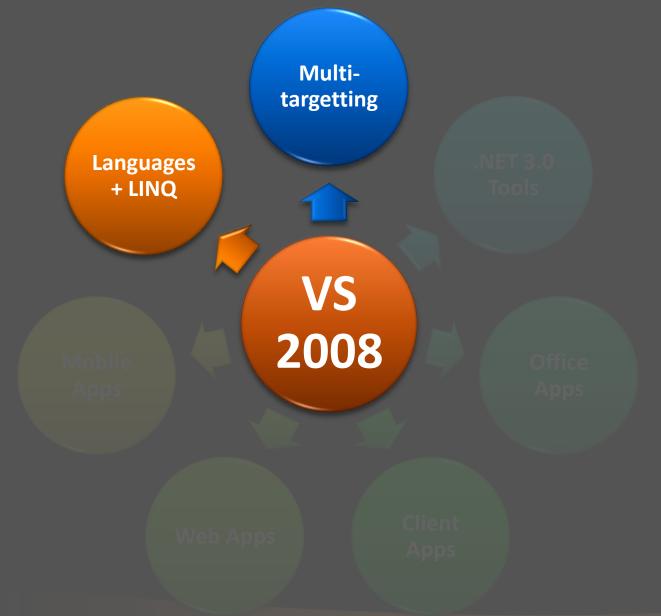
- RESTful support
- Syndication Support
- Partial Trust Support

Mobile Applications (video)



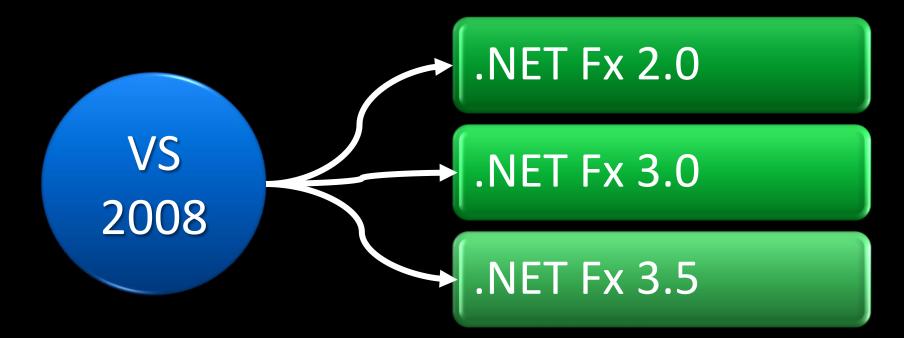
Windows Mobile 6

What's New In VS 2008? (<u>video</u>)



Multitargetting

No longer a hard link between Visual Studio and the application's target framework

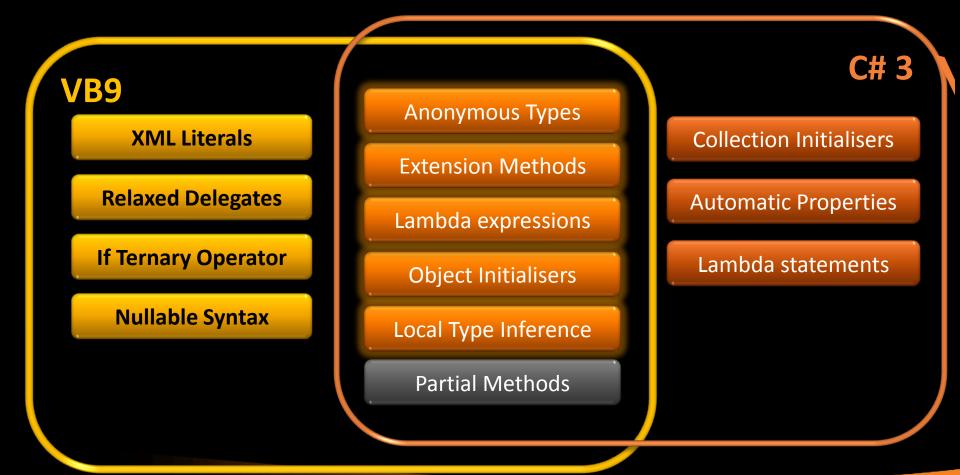


multitargetting demo



Language Features in VS 2008

Most are LINQ enablers

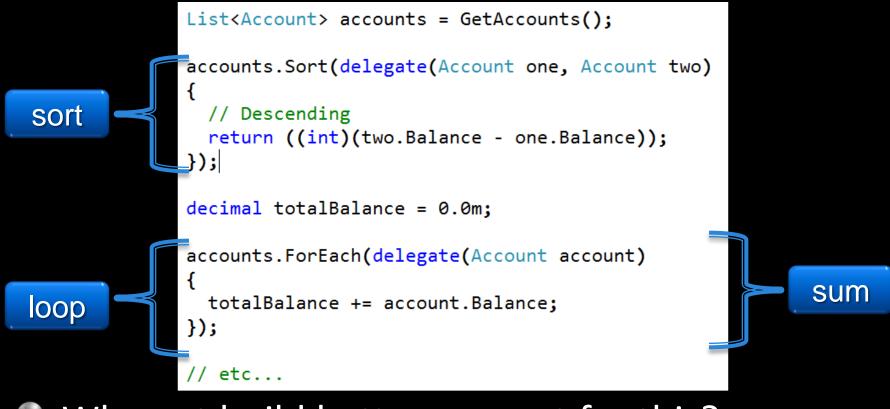


C# 3.0 language features



Language INtegrated Query?

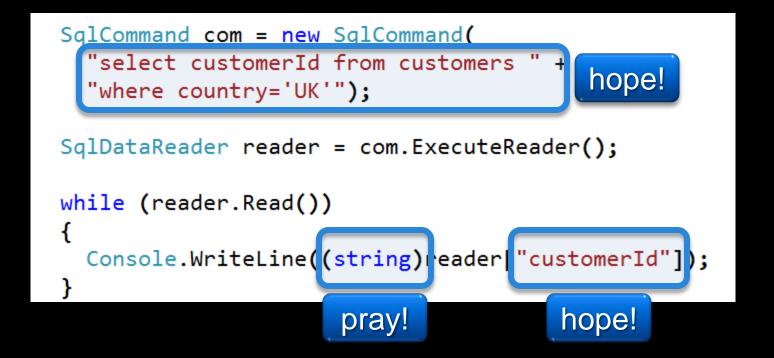
Lots of code written today in order to loop, filter, sort, group, etc.



Why not build better support for this?

Why Have LINQ?

Access to common data like XML or SQL is harder than accessing in memory objects;



Why not have better API's than this?

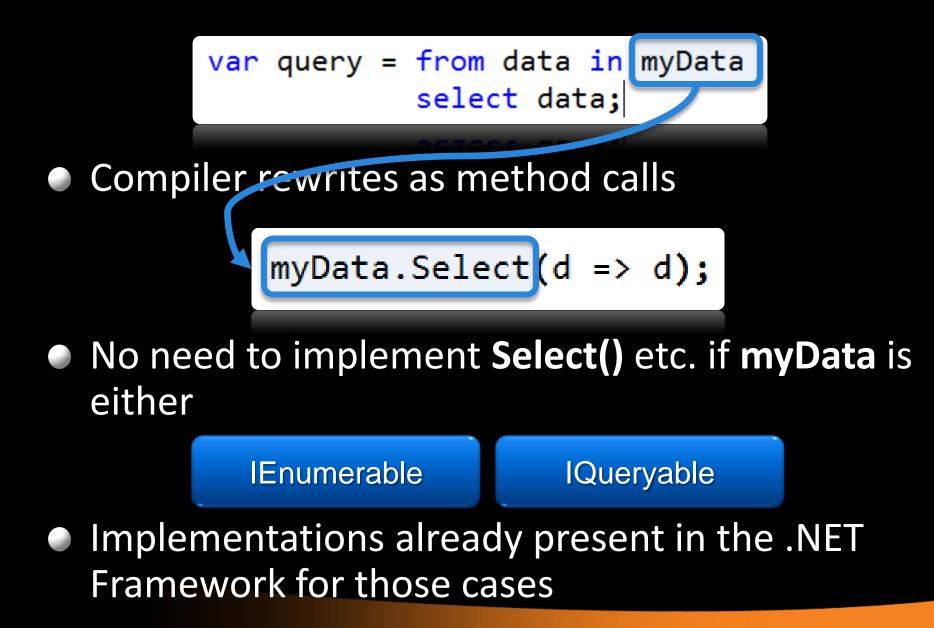
Language Integrated Query

| from join on let where orderby select | data in someDataSource otherData in someOtherSource keyExpr equals keyExpr (into itemName)? someVariable = someExpression somePredicate (expression (ascending descending)?)* | |
|---|--|--|
| group into | Language Features (C# V3 and VB V9) | |
| Cus | .NET Framework V3.5 stom Objects XML SQL | |

LINQ to objects



How Does LINQ Work?

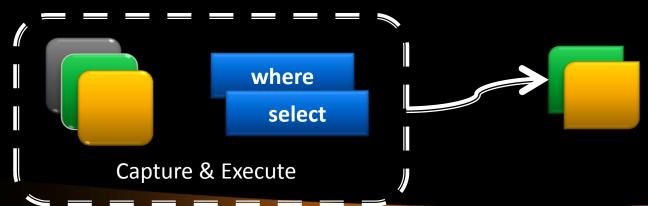


IEnumerable & IQueryable?

IEnumerable – query executed serially, one operator at a time



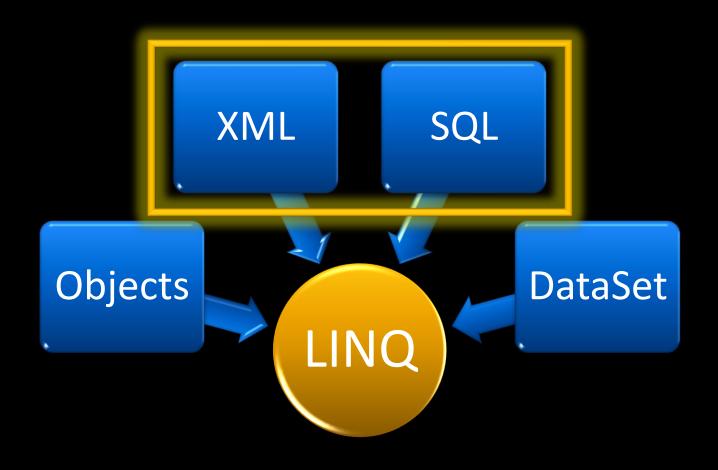
IQueryable – whole query passed to implementation for execution



Queryable vs Enumerable



LINQ in .NET Framework V3.5



LINQ to XML, LINQ to SQL demo





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