

Tools to Expedite SharePoint Development

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Thanks to our sponsors!



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- Working with SharePoint since 2005
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Agenda

- ▶ Why Efficiency Matters
- ▶ Free Tools – Descriptions & Demos
- ▶ Additional Tools – Descriptions & Demos
- ▶ Open Conversation – What tools do you use?
- ▶ Closing

Why Efficiency Matters

- ▶ According to a study reported in *The Mythical Man-Month (1975)*, the difference of performance between the best and worst programmers averaged a 10:1 ratio
- ▶ According to *Facts and Fallacies of Software Engineering (2002)*, the best programmers are up to 28 times better than the worst programmers

Ghost Doc

- ▶ Helps write documentation for your code
- ▶ Has configurable rules, acronyms, and macros
- ▶ Free & Paid versions available
- ▶ Latest Release: April 2014
- ▶ Supports:
 - ▶ Visual Studio 2008 - 2013
 - ▶ C#, VB.NET, C/C++
- ▶ Links:
 - ▶ <http://submain.com/products/ghostdoc.aspx>

Sandcastle Help File Builder

- ▶ Compiles your XML comments into MSDN style documentation
- ▶ Originally developed by Microsoft
- ▶ Microsoft discontinued development in 2010, but released the source code
- ▶ Sandcastle Help File Builder is a fork from the original source code
- ▶ Latest Release: February 2014
- ▶ Links:
 - ▶ <http://shfb.codeplex.com/>
 - ▶ <http://sandcastle.codeplex.com/>

Microsoft FxCop

- ▶ Code Analysis Framework for .NET
- ▶ About 100 rules & patterns
- ▶ Many rules are based on Microsoft's Design Guidelines
- ▶ Latest Release: April 2014
- ▶ Links:
 - ▶ [http://msdn.microsoft.com/en-us/library/bb429476\(v=vs.80\).aspx](http://msdn.microsoft.com/en-us/library/bb429476(v=vs.80).aspx)
 - ▶ <http://www.microsoft.com/downloads/details.aspx?FamilyID=917023f6-d5b7-41bb-bbc0-411a7d66cf3c>

Telerik Fiddler

- ▶ HTTP / HTTPS Traffic Recording
 - ▶ Web Session Manipulation
 - ▶ Web Debugging
 - ▶ Performance Testing
 - ▶ Security Testing
- ▶ Latest Release: April 2014
 - ▶ Links:
 - ▶ <http://www.telerik.com/fiddler>

SharePoint Automation (from Gary Lapointe)

- ▶ Useful PowerShell Cmdlets & STSADM Extensions
- ▶ Open Source
- ▶ Excellent Documentation & Blog
- ▶ Latest Release: Ongoing
- ▶ Supports:
 - ▶ SharePoint 2007
 - ▶ SharePoint 2010
 - ▶ SharePoint 2013
 - ▶ SharePoint Online
- ▶ Links:
 - ▶ <http://www.falchionconsulting.com/PowerShellViewer/Default.aspx>

SharePoint Manager

- ▶ Powerful tool to manage almost every aspect of your SharePoint Farm
- ▶ Configure properties on everything from the Farm Level down to the individual file level
- ▶ Great for troubleshooting Event Receivers
- ▶ Latest Release: November 2012
- ▶ Supports:
 - ▶ SharePoint 2007
 - ▶ SharePoint 2010
 - ▶ SharePoint 2013
- ▶ Links:
 - ▶ <http://spm.codeplex.com/>

ULS Log Viewer

- ▶ Powerful Tool to scan ULS Log Files
- ▶ Custom Filtering, scanning, searching, isolating
- ▶ Load multiple log files
- ▶ Latest Release: October 2009
- ▶ Supports:
 - ▶ SharePoint 2007
 - ▶ SharePoint 2010
 - ▶ SharePoint 2013
- ▶ Links:
 - ▶ <http://archive.msdn.microsoft.com/ULSViewer>

FAST Search for SharePoint MOSS 2010 Query Tool

- ▶ Test queries against your SP2010 Enterprise Search or FAST Index
- ▶ Browse Managed Properties
- ▶ Latest Release: June 2011
- ▶ Supports:
 - ▶ SharePoint 2007
 - ▶ SharePoint 2010
- ▶ Links:
 - ▶ <http://fastforsharepoint.codeplex.com/>

SharePoint 2013 Search Query Tool

- ▶ Tool created by Nadeem Ishqair (Microsoft)
- ▶ Uses HTTP POST to send queries to the Search Web Service
- ▶ Includes full support for parameters, properties, and a number of new Search Features
- ▶ Latest Release: March 2014
- ▶ Supports:
 - ▶ SharePoint 2013
 - ▶ SharePoint Online
- ▶ Links:
 - ▶ <http://sp2013searchtool.codeplex.com/>

PowerGUI

- ▶ PowerShell Development Environment
- ▶ Includes Syntax Highlighting, Visually adding functions
- ▶ Tons of add-ons and plugins available
- ▶ Latest Release: April 2014
- ▶ Links:
 - ▶ <http://en.community.dell.com/techcenter/powergui/>

SharePoint CAML Query Helper

- ▶ Expedites development of CAML queries
- ▶ Provides ability to test queries without deploying code
- ▶ Latest Release: March 2012
- ▶ Supports:
 - ▶ SharePoint 2007
 - ▶ SharePoint 2010
 - ▶ SharePoint 2013
- ▶ Links:
 - ▶ <http://spcamlqueryhelper.codeplex.com/releases/view/84520>

Coder's Toolbox XML Encode / Decode

- ▶ Quickly encode or decode XML
 - ▶ e.g. Joe's Café to Joe's Café
- ▶ Helpful when working with Elements.XML files to pre-populate settings and data
- ▶ Latest Release: Ongoing
- ▶ Links:
 - ▶ [http://coderstoolbox.net/string/#!encoding=xml&action=encode& charset=us_ascii](http://coderstoolbox.net/string/#!encoding=xml&action=encode&charset=us_ascii)

Collapse Selection in Solution Explorer

- ▶ Allows you to recursively collapse child elements within Visual Studio's Solution Explorer
- ▶ Latest Release: September 2012
- ▶ Supports:
 - ▶ Visual Studio 2010
 - ▶ Visual Studio 2012
 - ▶ Visual Studio 2013
- ▶ Links:
 - ▶ <http://visualstudiogallery.msdn.microsoft.com/cb0ec47d-05a4-40a7-ba39-9a2da6492f1c>

Edit Plus

- ▶ Robust Text Editor
- ▶ Supports Regular Expressions
- ▶ Allows Column Selection
- ▶ Many syntax highlighting extensions available
- ▶ Latest Release: March 2014
- ▶ License:
 - ▶ Free Trial
 - ▶ \$35 License
- ▶ Links:
 - ▶ <http://www.editplus.com/>

Oxygen XML Editor

- ▶ Very robust XML tool
- ▶ Lifesaver for writing XSL
- ▶ Error syntax highlighting
- ▶ Latest Release: Ongoing
- ▶ License:
 - ▶ Free Trial
 - ▶ ~\$488 License
- ▶ Links:
 - ▶ <http://www.oxygenxml.com/>

Open Conversation

What tools do you use?

Open Conversation Additions

Boston SharePoint Saturday 4/12/2014

- ▶ [Code Writer](#)
- ▶ [Ditto](#)
- ▶ [Microsoft Web Essentials](#)
- ▶ [PowerShell Plus](#)
- ▶ [Red-Gate](#)
- ▶ [ReSharper](#)
- ▶ [SharePoint Content Deployment Wizard](#)
- ▶ [Slick Run](#)
- ▶ [SQL Sentry](#)

Closing

- ▶ Thank you for attending!
- ▶ This deck and project files can be found on my new blog: <http://dimitri.spgurus.com>
- ▶ Follow me on my new Twitter: [@dayrapetov](https://twitter.com/dayrapetov)
- ▶ Connect on LinkedIn: <http://www.linkedin.com/in/dimitriayrape tov>