

URL Shortener, Workflow & Infuser

A quick demonstration of Muhimbi's
powerful SharePoint tools



Today's Webinar is presented by



Jeroen Ritmeijer
Muhimbi CTO

jritmeijer@muhimbi.com

twitter.com/muhimbi



- UK based product development company specialising in the SharePoint Market.
- Highly focussed on the development and support of our products, including:



- Overview of the Free SharePoint Infuser
- Infuser Demos
- Overview of the URL Shortener for SharePoint
- URL Shortener Demos
- Overview of the Workflow Power Pack for SharePoint
- Workflow Power Pack Demos
- And if time left, many more demos!

Poll 1

How is your current SharePoint environment branded / customised?

- Automatically add content to any page in a Site Collection.
- Fix / modify SharePoint UI such as
 - Hide unnecessary user interface elements
 - Fix up SharePoint Wiki
 - Add autocomplete to Search
 - Create floating menus
 - Display Site Settings in-line
- Pages are not modified, changes are ‘infused’ at runtime.
- Compatible with most Content Editor Web Part hacks.
- Once installed, no server side access is required.
- Completely free, no strings attached.

SharePoint Infuser User Interface

Combo Webinar Welcome Jeroen Ritmeijer | My Site | My Links | ?

Combo Webinar **Site Actions** ▾

Combo Webinar > Site Settings > Muhimbi SharePoint Infuser v1.0.1.2
[Contact support](#)

Muhimbi SharePoint Infuser

Please use the code editor below to author HTML / JavaScript that will automatically be inserted in every page in this site collection.

Enable on this site collection.

```
1 <script src="/_layouts/Muhimbi.Infuser/JQuery/jquery-1.3.2.min.js"></script>
2 <script>
3 // SharePoint InstantListFilter - developed by Jaap Vossers
4 $(document).ready(function()
5 {
6     jQuery.extend(jQuery.expr[':'], {
7         containsIgnoreCase: function(a,i,m) {return (a.textContent||a.innerHTML
8             jQuery(a).text()||'').toLowerCase().indexOf((m[3]||''))
9         });
10
11     $("table.ms-listviewtable tr.ms-viewheadertr").each(function()
12     {
13         if($("td.ms-vh-group", this).size() > 0)
14         {
15             return;
16         }
17
18         var tdset = "";
19
20         var colIndex = 0;
21
22         $(this).children("th,td").each(function()
23
```

Demo

Hide unnecessary user interface elements.

Demo

Fix the SharePoint Wiki.

Demo

Add autocomplete to SharePoint search.

Demo

Create floating menus.

Demo

Display Site Settings in-line.

URL Shortener for SharePoint

‘TinyURL’ for SharePoint, compress long web addresses into small – *sharable* – URLs.



Poll 2

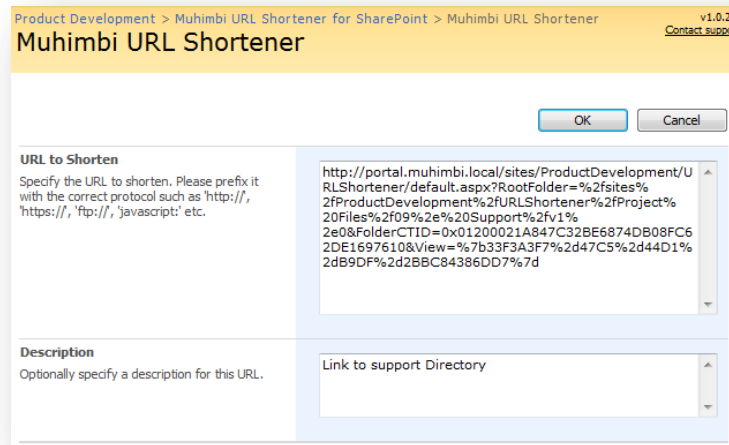
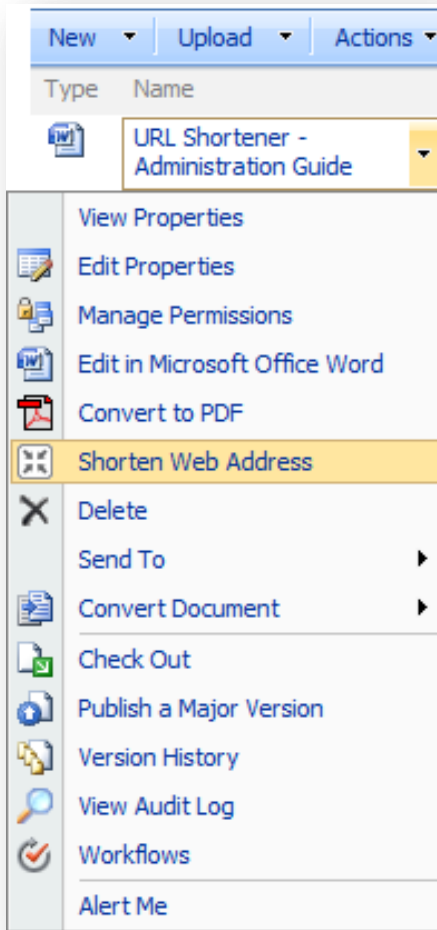
What does your SharePoint Infrastructure look like?

*h t t p colon slash slash....yeah, forward slashes...double you
double you double you.....no CAPITAL a.....n...no N for... errr...
November then a pound sign, no not the currency, a little
picket fence like sign (#) etc for another 200 characters.*

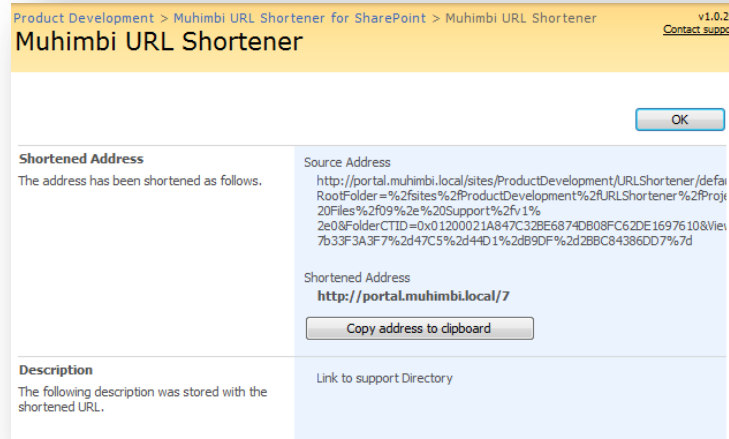
*NOTE: If this URL wraps or is broken by carriage returns in your
mail client you will need to copy and paste it into Notepad, edit
out any line breaks and paste the corrected link in to the
Address bar of your browser.*

- Allow long web addresses to be shared via email, phone or social networks.
- Tightly integrated with SharePoint, but can be used from ‘non-SharePoint’ websites as well.
- Functionality is exposed via Web Services and Workflow Actions.
- Integrates with the Muhimbi Workflow Power Pack.
- Supports all SharePoint ‘list types’.
- Integrates with users’ clipboard.
- Lightweight solution requiring no extra servers, disk space, memory or CPU.
- Available in multiple languages.
- Easy to deploy.
- Includes comprehensive documentation.

Access from SharePoint's GUI



Before
287 characters

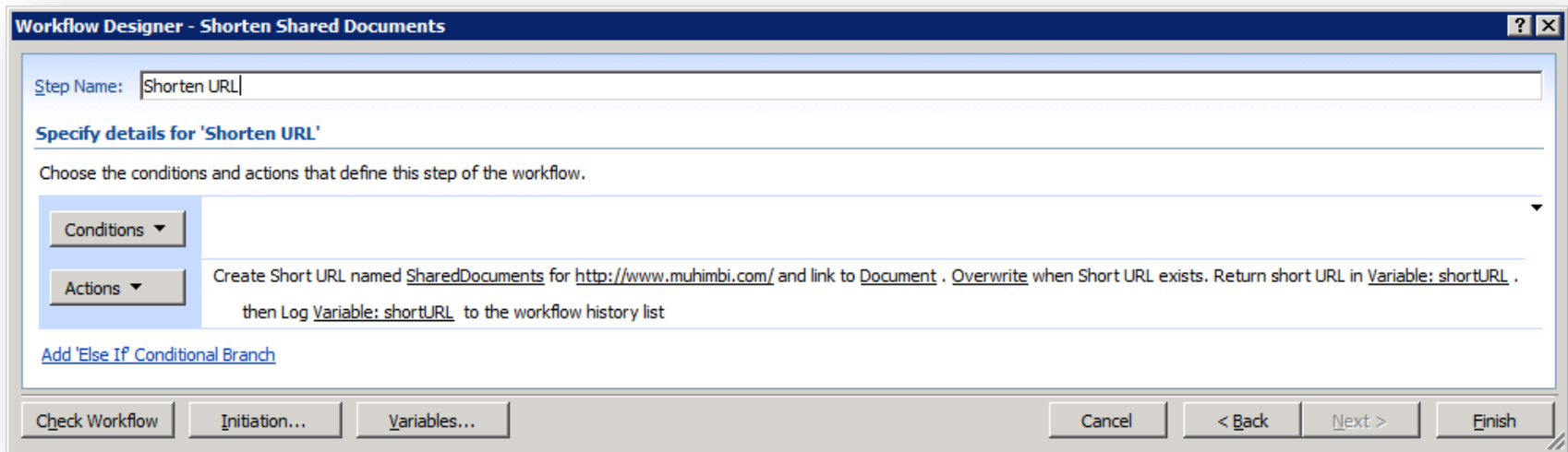


After
29 characters,
or 1 'slash seven'

Demo

Shortening a URL using the user interface.

Use from a Workflow



Sample workflow created in SharePoint Designer

Demo

Shortening a URL using a workflow.

Server Requirements

Operating Systems	Windows Server 2003 - 32 / 64 bit Windows Server 2008 - 32 / 64 bit
SharePoint versions	Windows SharePoint Services 3.0 RTM / SP1 / SP2 Microsoft Office SharePoint Server 2007 RTM / SP1 / SP2
Browser versions	Internet Explorer 6, 7, 8 Firefox 2, 3, Chrome, Safari
Memory	Any amount of memory that comfortably runs your SharePoint environment. We recommend a minimum of 1.5GB of total memory
CPU	Any CPU that can comfortably run WSS 3 or MOSS 2007 will be suitable. We recommend one or more multi-core CPUs.
Disk Space	This product requires 1MB of disk space.

Supported Languages

Language	Availability
English	Now
Dutch	Now
German	Now
French	Now
Chinese	Now

All Muhimbi products are available in the following License Types

	Unlimited Developers	Unlimited Servers	Redistributable	Includes Source code	Price
Server License	✓	1	-	-	\$399
Enterprise License	✓	✓	-	-	\$1,999
OEM License	✓	✓	✓	-	\$3,499
OEM + Source License	✓	✓	✓	✓	\$4,999

Workflow Power Pack for SharePoint

*Embed C# or VB code directly in
SharePoint Designer Workflows*



Poll 3

How do you currently create SharePoint workflows?

- Add C# or VB code directly to SharePoint Designer workflows.
- Use .NET code in both Workflow Actions and Conditions.
- No need for Visual Studio or lengthy development cycles.
- Administrators control access to Assemblies.
- Invoke any 3rd or 1st party .NET Library.
- Exposes Object Model to access the full Workflow Context.
- Remove all limitations from SharePoint Designer Workflows.
- Integrates with Muhimbi PDF Converter and URL Shortener
- Easy to deploy.
- Includes comprehensive documentation.

Central Administration

Welcome Jeroen Ritmeijer | My Site | My Links | ?

Central Administration

Home | Operations | **Application Management** | Site Actions

Central Administration > Application Management > Muhimbi Workflow Power Pack Settings v1.0.0.1
[Contact support](#)

Muhimbi Workflow Power Pack Settings

OK Cancel

Web Application
Select the Web Application to configure. **http://portal.dev.muhimbi.local/**

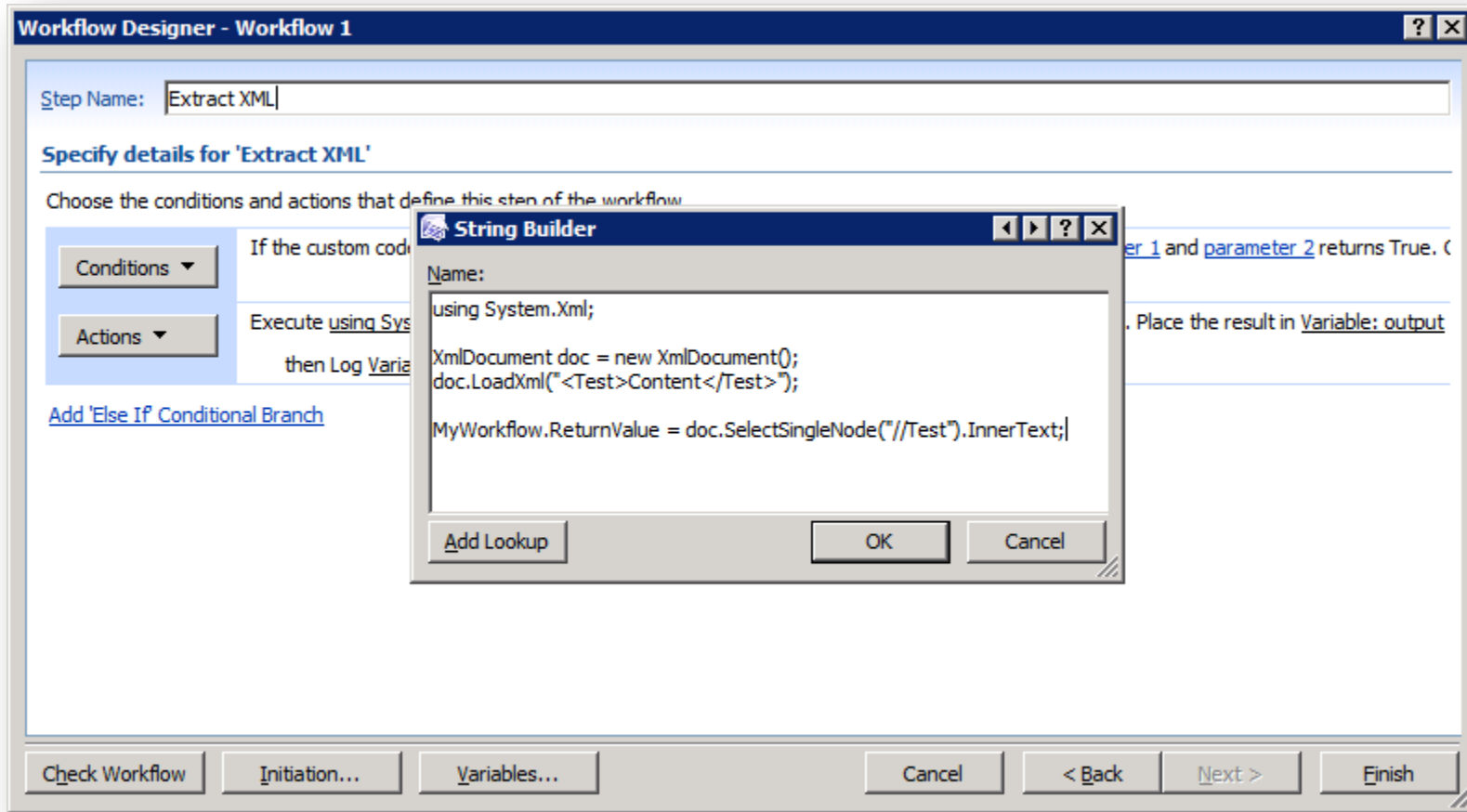
Enable Custom Code
Enable or disable custom C# or Visual Basic code to be executed on this Web Application as part of a SharePoint Designer workflow.
 Allow custom code in workflows.

Assembly References
Specify which assemblies can be accessed by custom code inside workflows on this Web Application. For security and performance reasons please limit the size of this list as much as possible.
Assemblies will need to be located in the GAC, either enter just the assembly name or the fully qualified name.
Please place each entry on a separate line.

Default references
System
System.Workflow.ComponentModel
Microsoft.SharePoint, Version=12.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c
Microsoft.sharepoint.WorkflowActions, Version=12.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c
Microsoft.VisualBasic

Custom references
System.Data
System.XML
System.Web

Embed .net code in a workflow



Sample code to extract a value from XML

Demo

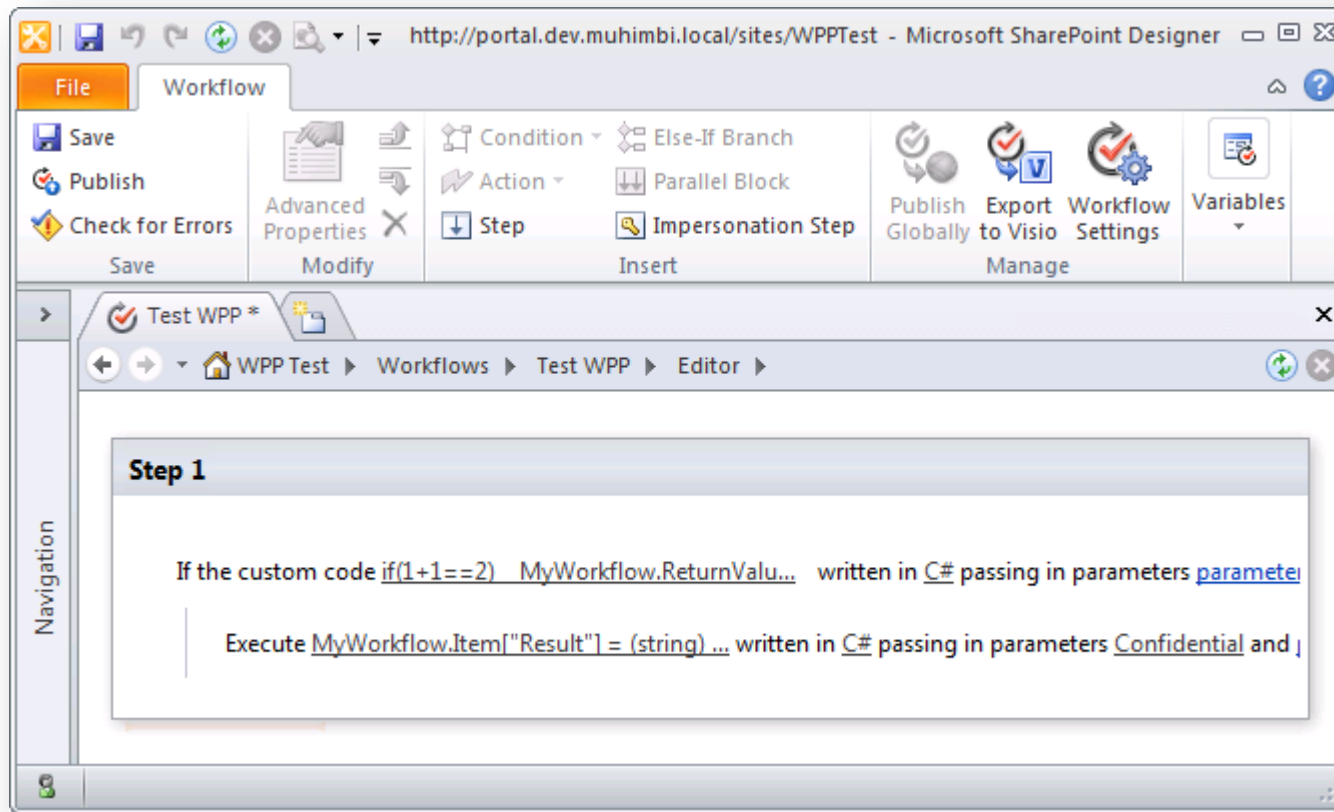
File name validation.

Demo

Automatically sync 2 lists / calendars.

- Send emails with attachments from a workflow.
- Merge PDF Files into one file.
- Add watermarks to PDF Files.
- Connect to a SQL Database from a workflow.
- Mirror a folder structure.

See <http://blog.muhimbi.com/search/label/WPP>



Supports SharePoint Designer 2010

Server Requirements

Operating Systems	Windows Server 2003 - 32 / 64 bit Windows Server 2008 - 32 / 64 bit
SharePoint versions	Windows SharePoint Services 3.0 RTM / SP1 / SP2 Microsoft Office SharePoint Server 2007 RTM / SP1 / SP2 SharePoint Foundation 2010 / SharePoint Server 2010
Browser versions	Administrators: Internet Explorer 6, 7, 8 End users: n.a.
Memory	Any amount of memory that comfortably runs your SharePoint environment. We recommend a minimum of 1.5GB of total memory.
CPU	Any CPU that can comfortably run WSS 3 or MOSS 2007 will be suitable. We recommend one or more multi-core CPUs.
Disk Space	This product requires 2MB of disk space.

Supported Languages

Language	Availability
English	Now
Dutch	Now
Traditional Chinese	Now

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Enterprise License	✓	✓	-	-	\$2,999
OEM License	✓	✓	✓	-	\$4,499
OEM + Source License	✓	✓	✓	✓	\$6,999

Questions?

Ask them now via the meeting window or
email jritmeijer@muhimbi.com