

MURLLO Toolkit Deployment

This document is to show users how to deploy the MURLLO toolkit onto a server so that they can run and maintain their own systems if necessary (e.g. at their organisation's web server). There are three tools in the MURLLO package: the Wiki Content Editor, the Metadata Facilitator and the Learning Objects Shopping Tool. These tools can be downloaded from the eLanguages website:

<http://www.elanguages.ac.uk/murllo.php>

Requirements

- Web server:
 - A Microsoft Windows Server or Microsoft Windows XP Professional with proper set-up as a server
 - Microsoft Internet Information Services (IIS) must be installed
 - Microsoft .Net Framework 1.1 and 2.0 need to be installed. For example, you can get the .Net 2.0 redistributable package from <http://www.microsoft.com/downloads/details.aspx?familyid=0856eacb-4362-4b0d-8edd-aab15c5e04f5&displaylang=en>
 - Microsoft Visual Studio .NET (for development only)
- The following tools and libraries are necessary to run the systems. All these files should be included in the deployable packages. You only need these if relevant problems occur or you need to upgrade the tools to latest versions:
 - FCKeditor (<http://www.fckeditor.net>): a HTML editor needed to run Wiki Editor
 - ICsharpZipLib (<http://www.icsharpcode.net/OpenSource/SharpZipLib/>): a library needed for generating and extracting zip packages.
- Download the deployable package you want to install from MURLLO website.

Instructions for deploying the Web tools

1. Create a directory on your web server for the tools you want to install. For example, create C:\Murllo\LOshoppingTrolley if you are installing the shopping tool.
2. Copy the entire content of the deployable package to the directory just created (e.g. copy shopping tool package to C:\Murllo\LOshoppingTrolley)
3. Create an IIS virtual directory that point to the target directory which is the one you just created. To do this: use IIS Admin tool (Start -> Control Panel -> Administrative Tools -> Internet Information Services) to make this a virtual directory with a name you prefer, for example, loshopping (so that <http://localhost/loshopping> maps to C:\Murllo\LOshoppingTrolley).

The deployment should be finished now. You can test it by opening a browser and typing the following URL: [http://localhost/\(the name of the virtual directory\)](http://localhost/(the name of the virtual directory)) (e.g. <http://localhost/loshopping> in the above example)

Notes

For the Wiki Editor to work properly, you need to install the metadata editor Web Service on the same Web Server; then make relevant changes to the path in the source code.

The Wiki editor was developed in .Net Framework 1.1, so you need to have both .Net versions installed. You need to change some values if you want to deploy wikiEditor on your own server. To do that, you will have to get the source code and modify them. Firstly, you need to change the location of metadata Editor Web Service (the web address you store it) in LOedit.aspx.cs (line 492); secondly you need to change some default paths for your application. The default one in the current code is "murlloEditing". Your application might choose a different name so you will need to change the path in LOedit.aspx.cs (approximately line 481), and the key value for "FCKeditor:UserFilesPath" in web.config, and the base path in LOedit.aspx (line 99).