XMetaL® Express for Documentum® Webtop 6.7

Administrator's Guide

Professional Services

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Doc. Rev.: 1

Table of Contents

XMetaL Express for Documentum Webtop

This document describes the instructions for installing XMetaL Express for Documentum Webtop.

Server Requirements

- Documentum*: Webtop 6.7 SP2

* XMetaL for Documentum products have not been tested for Federated Content Repository and Replicated Content Repository support.

Integration

XMetaL Express for Documentum Webtop extends a number of Webtop actions. If these actions have already been extended or customized in your Webtop installation, you may need to reconfigure XMetaL Express for Documentum Webtop to prevent overriding the existing customizations. These techniques are described below. The extended actions are the following:

- editfile
- editafternew
- view
- newdocument

Server Installation

Follow the instructions below to install:

1. Back up the Webtop web application folder:

   ```
   {$APP_SERVER}\webtop
   ```

   For example, if you are using a standard installation of Tomcat 5.5, this is:

   ```
   C:\Program Files\Apache Software Foundation\Tomcat
   5.5\webapps\webtop
   ```

2. Stop the application server, e.g., Tomcat.

3. Extract webtop-xmax-install-wt67.zip into the Webtop Web application folder:

   ```
   {$APP_SERVER}\webtop.
   ```

4. Configure XMetaL Express to use your private XMetaL License Server (XMLS) by locating on the web server the "\WEB-INF\classes\com\xmetal\xmetal_wti.properties" file and editing it using a text editor to add a LICENSE_SERVER property with your XMLS URL or IP address as the property value.

5. Restart the Web application server.

XMetaL Express for Documentum Webtop is now installed. To test, browse to Webtop in a browser, and edit an XML file. XMetaL Express opens containing the XML file.

XMetaL DITA DocApp Installation

XMetaL Express for Documentum Webtop ships with a Documentum application (DocApp) that contains XML applications and templates for the standard set of topic and map DITA DTDs. These XML applications define the Documentum chunking and linking rules for both topics and maps.

Note: If you are not using the DITA DTD for your documents, there is no need to install this DocApp.

To install DocApp, follow the instructions below:

1. Unzip *XM_DITA.zip* into a location on your hard drive.

2. Login to your repository using Documentum Application Installer.

3. Browse to the location of the unzipped *XM_DITA.zip*.

4. Click **OK** to install the DocApp.

5. Once the DocApp has been installed correctly, navigate to the following folder in your repository through Webtop using Microsoft® Internet Explorer®.

    `/Cabinets/System/Applications/XM_DITA`

6. Copy the following templates from this folder to the `/Cabinets/Templates` folder:

    *   DITA Composite
    *   DITA Topic
    *   DITA Task
    *   DITA Reference
    *   DITA Concept
    *   DITA Map
    *   DITA Bookmap
    *   DITA Glossary-Multiple
    *   DITA Glossary-Single

7. When editing map that references a complex composite DITA topic, that contains all topic types, a timeout error may occur due to the number of XML Application documents being processed. To prevent this from happening, it is advisable to increase the value of the "server.session.timeout.seconds" property in the ucf configuration file:

    *   {$APP_SERVER}\ webtop\WEB-INF\classes\ucf.server.config.xml

Post-Installation

Each client machine must have a Java Runtime Environment (JRE) installed, as per standard Webtop requirements.

Each client machine must add the Webtop server URL to the list of Trusted Sites in Internet Explorer. You can access these settings through the Security tab in Internet Options.

Each client machine must add the Webtop server URL to the list of Exceptions in the Popup Blocker settings in Internet Explorer 7. You can access these settings through the Privacy tab in Internet Options.

Each client machine must enable automatic prompting for ActiveX controls in Internet Explorer 7. You can access these settings through the Security tab in Internet Options. Click Trusted Sites, then click Custom level.

For Vista users:

You must enable ActiveX Installer Service (AxIS).

The following material is copied from http://technet.microsoft.com/en-us/magazine/cc137994.aspx.

1. AxIS is an optional component that comes with the Business, Enterprise, and Ultimate SKUs of Windows Vista, and can be enabled through an unattended option or through the Control Panel dialog box (Programs -> Programs and Features -> Turn Windows features on or off), as shown in Figure 1.

Figure 1 Enabling AxIS in Control Panel

2. AxIS settings in Local or Group Policy can be found in the Computer Configuration settings (see Figure 2). The Approved Installation Sites for ActiveX Controls policy setting allows you to specify host URLs of trusted locations (see Figure 3). The approved site setting requires two pieces of information—where the ActiveX control may be installed from and the behavior of the installation.

3. Open C:\gpedit. Settings in Group Policy Object Editor opens.

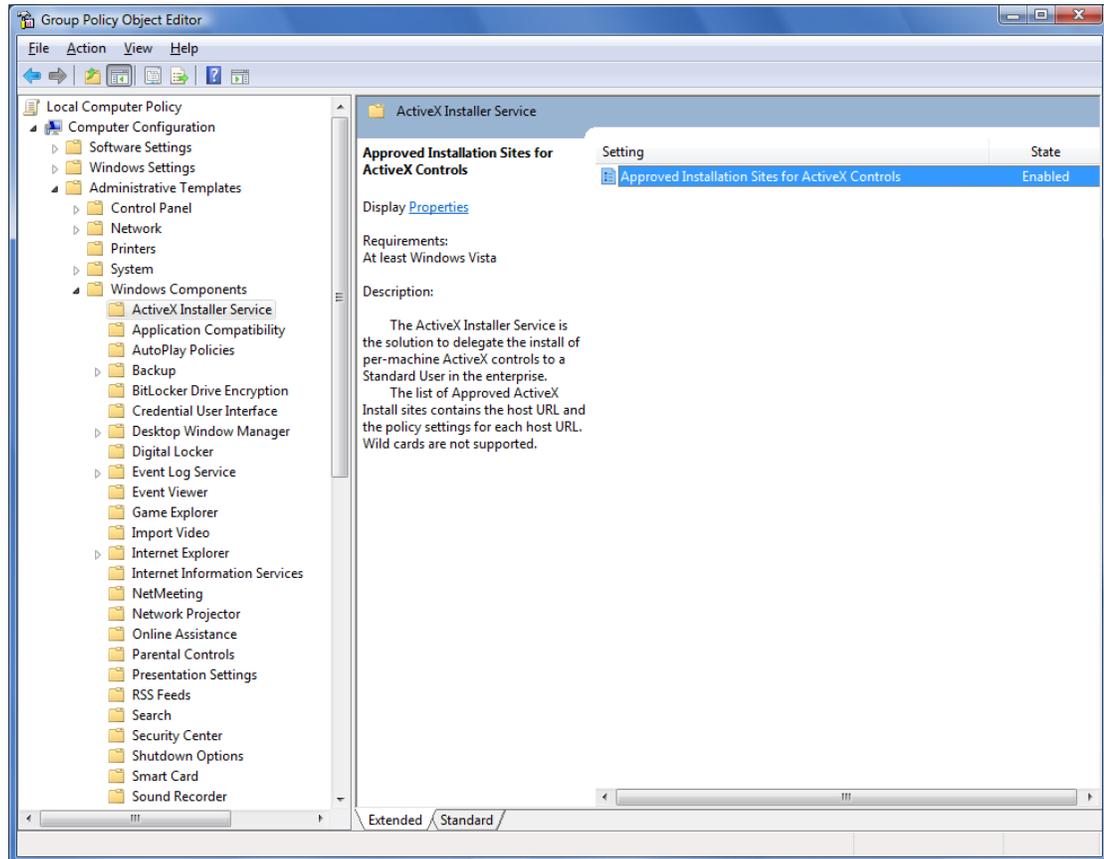

Figure 2 Settings in Group Policy Object Editor

4. Double-click **Approved Installation Sites for ActiveX Controls**.
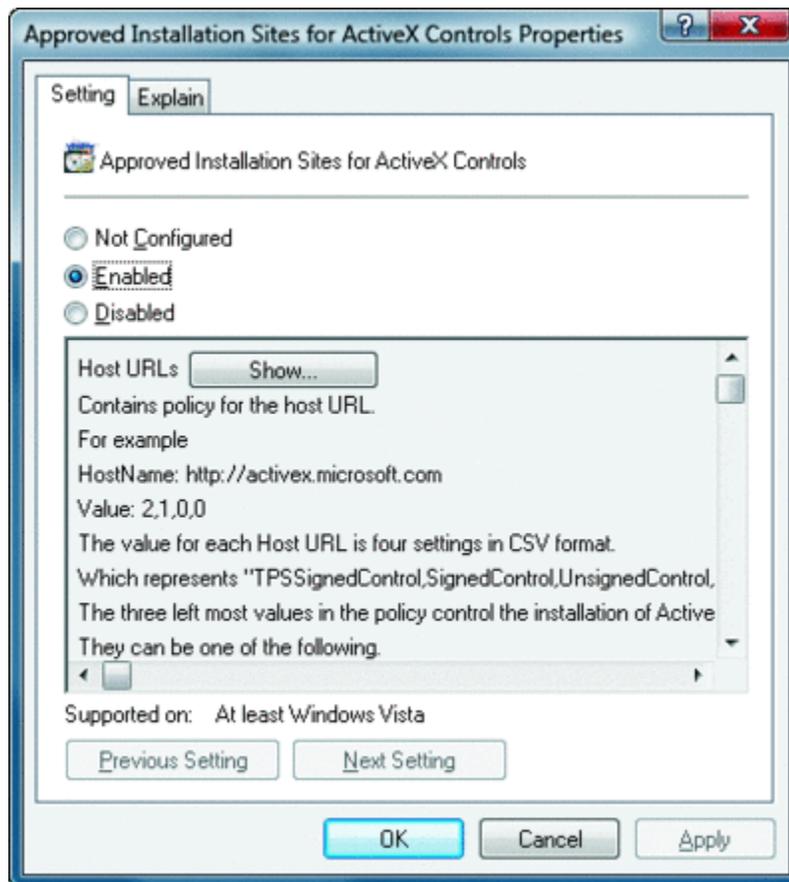

Figure 3 AxIS-approved installation sites

5. The default setting is 0, meaning all security checks must pass before AxIS completes the installation. The combination of the host setting and these four values are specified in the policy setting, as seen in Figure 4.

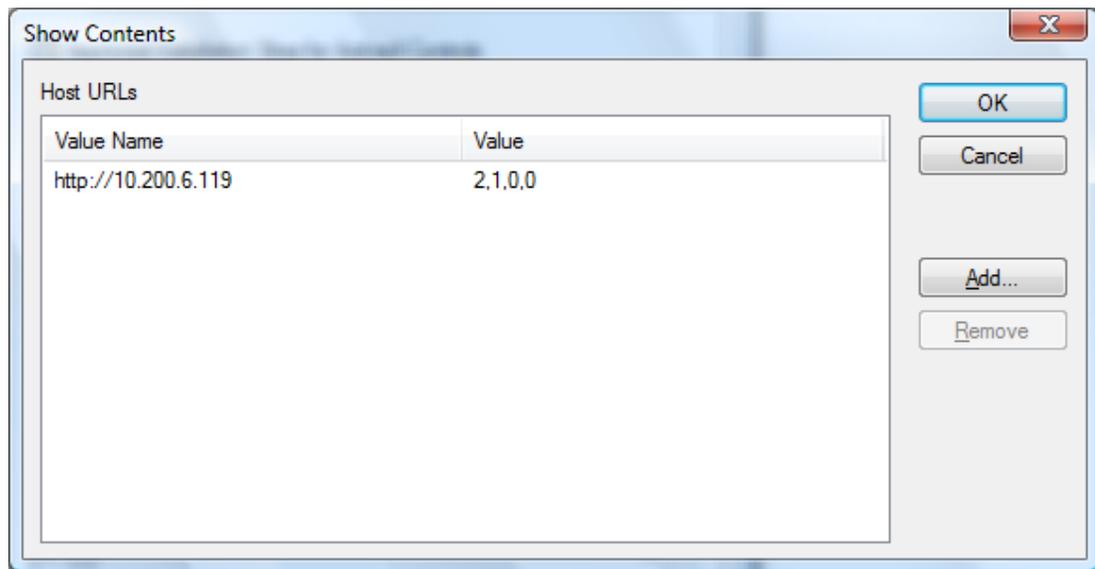6. Click **Show**. The Show Contents dialog box opens.

Figure 4 Approved AxIS host URLs

7. Enter values. XMetaL Express Webtop setting is: 2,1,0,0. When you are finished, click **OK**.

For Windows 7 users:

You must enable ActiveX Installer Service (AxIS), as follows:

1. Right-click **Computer** in the Start menu, and in the menu that opens, select **Manage**. The Computer Management dialog box opens.

2. Double-click **Services and Applications** in the Name window.

3. Double-click **Services** in the Name window.

4. Right-click the **ActiveX Installer (AxInstSV)** name in the Name window, and from the menu that opens, select **Start**. AxIS is now started.

You must set up host URL's for ActiveX Installer Service (AxIS), as follows:

1. In the Start menu Search box, enter gpedit.msc. The Local Group Policy Editor dialog box opens.

2. Go to the **Computer Configuration -> Administrative Templates -> Windows Components -> ActiveX Installer Service** folder.

3. In the **ActiveX Installer Service** folder, double-click **Approved Installation Sites for ActiveX Controls**. The Approved Installation Sites for ActiveX Controls dialog box opens.

4. Select **Enabled**.

5. Beside Host URL's, click **Show**. The Show Contents dialog box opens.

6. Enter values. XMetaL Express Webtop setting is: 2,1,0,0. When you are finished, click **OK**.

Uninstallation

To uninstall the server-side component, follow the instructions below:

1. Back up the Webtop Web application folder:

```
{$APP_SERVER}\webtop
```

For example, if you are using a standard installation of Tomcat 5.5 this is:

```
C:\Program Files\Apache Software Foundation\Tomcat
5.5\webapps\webtop
```

2. Stop the application server, e.g., Tomcat.

3. Do one of the following:

   a. If you are running XMetaL Express for Documentum Webtop and XMetaL Author for Documentum Webtop side-by-side and you want to remove only XMetaL Express for Documentum Webtop, remove the following folders:

   ```
   {$APP_SERVER}\webtop\custom\config\xmetal\...\wti
   {$APP_SERVER}\webtop\xmetal\...\wti
   {$APP_SERVER}\webtop\WEB-INF\classes\com\xmetal\...\wti
   ```

   b. If you are running XMetaL Express for Documentum Webtop only, remove the following folders:

   ```
   {$APP_SERVER}\webtop\custom\config\xmetal
   {$APP_SERVER}\webtop\xmetal
   {$APP_SERVER}\webtop\WEB-INF\classes\com\xmetal
   ```

4. Restart the Web application server.

Preventing Customization Overriding

All overridden actions in XMetaL Express for Documentum Webtop extend Webtop actions. To prevent them from overriding existing customizations, you must reconfigure them to extend your customizations. The XMetaL Express for Documentum Webtop actions manipulate XML files only; if the action is called on another file type, it reverts to the parent action (the action that it extended).

Each action is defined in an XML file and given a particular ID. There is also an optional extends attribute, which determines which action the new action should inherit. In order to avoid overriding your existing customizations, the appropriate actions must be changed as follows.

View Action

Original:

```
<action id="view"
  extends="view:/webcomponent/config/actions/dm_sysobject_actions.xml">
```

Modified:

```
<action id="view" extends="view:/custom/config/[CustomViewActionPath]">
```

Edit Action

Original:

```
<action id="editfile"
  extends="editfile:/webcomponent/config/actions/dm_sysobject_actions.xml">
```

Modified:

```
<action id="editfile" extends="editfile:/custom/config/[CustomEditActionPath]">
```

Edit As New Action

Original:

```
<action id="editasnew"
  extends="editasnew:/webcomponent/config/actions/dm_sysobject_actions.xml">
```

Modified:

```
<action id="editasnew" extends="editasnew:/custom/config/[CustomEditAsNewActionPath]">
```

New Document Action

Original:

```
<action id="newdocument"  extends="newdocument:
  /webcomponent/config/actions/dm_folder_actions.xml">
```

Modified:

```
<action id="newdocument"
    extends="newdocument:/custom/config/[CustomNewDocumentActionPath]">
```