

About this extension

Use the Publication Mappings extension to easily add, edit or remove Topology Manager mappings, which map a Publication to a URL. With this extension in place, you can manage your mappings using the Content Manager Explorer GUI rather than by running PowerShell scripts.

When you add a new Site Publication, the system provides default configuration settings that you can use as the basis for your mappings for that Publication. On the one hand, you can see publishing environments that you can map to; on the other hand, you can see any mappings that have already been added to the current Publication previously, and that are not yet related to any environment.

The functionality of this extension will be included in a future release of the product itself.

Before you start

Only Publications that use the new publishing framework introduced in SDL Web 8 can use this extension.

Installing the extension

Install the extension to add it to the Content Manager Explorer GUI.

1. On your target machine, create a folder called, for example, `PMExtension`.
2. Extract the Publication Mapping extension zip file to the folder you created.
3. On your target machine, navigate to the `Dist\Tridion\web\WebUI\` subfolder of the folder you just created.
4. From the `Editors\` subfolder, copy the `PublicationMappings\` subfolder, with all of its files and subfolders, to `%TRIDION_HOME%\web\WebUI\Editors\`.
5. From the `Models\` subfolder, copy the `PublicationMappings\` subfolder, with all of its files and subfolders, to `%TRIDION_HOME%\web\WebUI\Models\`.
6. From the `WebRoot\App_GlobalResources\` subfolder, copy all files to `%TRIDION_HOME%\web\WebUI\WebRoot\App_GlobalResources\`.
7. From the `WebRoot\bin\` subfolder, copy all files and subfolders to `%TRIDION_HOME%\web\WebUI\WebRoot\bin\`.
8. Start Internet Information Services (IIS) Manager.
9. In the Content Manager Explorer Web site, navigate to the `WebUI\Editors\` virtual folder.
10. In this location, create a new virtual folder called `PublicationMappings\` and map it to `%TRIDION_HOME%\web\WebUI\Editors\PublicationMappings\`.
11. Navigate to the `WebUI\Models\` virtual folder.
12. In this location, create a new virtual folder called `PublicationMappings\` and map it to `%TRIDION_HOME%\web\WebUI\Models\PublicationMappings\`.
13. Close IIS Manager.
14. Navigate to `%TRIDION_HOME%\web\WebUI\Configuration\`.
15. Open `System.config` for editing.

16. Add the following `editor` section:

```
<editor name="PublicationMappings">
  <installpath>HOME\web\WebUI\Editors\PublicationMappings\</installpath>
  <configuration>Configuration\PublicationMappingsEditor.config</configuration>
  <vdir>PublicationMappings</vdir>
</editor>
```

where `HOME` is the value of the `TRIDION_HOME` environment variable.

17. Add the following `model` section:

```
<model name="PublicationMappings">
  <installpath>HOME\web\WebUI\Models\PublicationMappings\</installpath>
  <configuration>Configuration\PublicationMappingsModel.config</configuration>
  <vdir>PublicationMappings</vdir>
</model>
```

where `HOME` is the value of the `TRIDION_HOME` environment variable.

18. Find the `servicemodel` section.

19. In the `server` subelement, increase the value of its `modification` attribute to notify client browsers to update their cache.

20. Save and close `system.config`.

21. In the same folder, open `CatalinaConfiguration.xml` for editing.

22. At the bottom of this file, add the following (on one line):

```
<include src="../../Editors/PublicationMappings/Configuration/CatalinaConfiguration.xml"
/>
```

23. Save and close `CatalinaConfiguration.xml`.

24. Restart IIS.

In Content Manager Explorer, an additional tab called **Publishing** appears in the **Properties** dialog of any Publication you select.

Adding a mapping

To add a mapping, you require Publication Management rights and Business Process Type rights.

1. In Content Manager Explorer, use the tree to navigate to the Publication in which you want to add a mapping.
2. Right-click the Publication and from the context menu, select **Properties**. The **General** tab appears, but it no longer shows the **Business Process Type** setting.
3. Select the **Publishing** tab.
The tab shows:
 - The **Business Process Type** dropdown.
 - **Environments**, a list of environments for the selected Business Process Type.
4. Ensure that the **Business Process Type** dropdown is set to the Business Process Type you want to associate with this Publication.
5. Under **Environments**, select the environment for which you want to add a mapping. The environment must show no existing mapping for this Publication.
6. Select **Add Mapping** on the right.
7. If multiple Topologies are defined for the Topology Type associated with the Business Process Type you selected, a **Select a Topology** dialog opens. In this dialog, do the following:

- a. From the dropdown, select the Topology you want to use
 - b. Click **Select**. The dialog closes.
8. Under **Web site location**, select the URL of the Web application to which you want to map (consisting of the Web site's base URL plus the URL path segment for the Web application).
9. Under **URL path segment**, enter a further path to append to the Web site location, if applicable.
10. Verify that the URLs listed under **Site URLs** are correct.
11. Select **Save and Close** to submit your changes.

Editing a mapping

To edit a mapping, you require Publication Management rights and Business Process Type rights. Note that you cannot modify the Topology or the Web site location for an existing mapping. If either needs to be changed, remove the mapping, then add a new mapping with the same settings, but with a different Topology and/or Web site location.

1. In Content Manager Explorer, use the tree to navigate to the Publication in which you want to add, edit or remove a mapping.
2. Right-click the Publication and from the context menu, select **Properties**. The **General** tab appears, but it no longer shows the **Business Process Type** setting.
3. Select the **Publishing** tab.
The tab shows:
4. The **Business Process Type** dropdown.
5. **Environments**, a list of environments for the selected Business Process Type.
6. Ensure that the **Business Process Type** dropdown is set to the Business Process Type you want to associate with this Publication.
7. Under **Environments**, select the environment whose mapping you want to edit. The environment must show, on the right, an existing mapping for this Publication and environment that was defined earlier, either using the GUI or by other methods, such as scripts.
8. If you want to, edit the value of **URL path segment**.
9. Verify that the URLs listed under **Site URLs** are correct.
10. Select **Save and Close** to submit your changes.

Removing a mapping

To remove a mapping, you require Publication Management rights and Business Process Type rights. Additionally, the Publication must either never have been published, or have been unpublished since the last successful publish.

1. In Content Manager Explorer, use the tree to navigate to the Publication in which you want to remove a mapping.
2. Right-click the Publication and from the context menu, select **Properties**. The **General** tab appears, but it no longer shows the **Business Process Type** setting.

3. Select the **Publishing** tab.
The tab shows:
4. The **Business Process Type** dropdown.
5. **Environments**, a list of environments for the selected Business Process Type.
6. If you want to associate your Publication with a different Business Process Type, select it from the **Business Process Type** dropdown.
7. Under **Environments**, select the environment for which you want to remove a mapping. The environment must show, on the right, an existing mapping for this Publication and environment that was defined earlier, either using the GUI or by other methods, such as scripts.
8. Select **Remove mapping** on the right and confirm the deletion when prompted.
9. Select **Save and Close** to submit your changes.