

Page Template Creation and Customization

2016 OmniUpdate User Training Conference Activity Guide

Contents

Page Template Creation and Customization	3	Creating the TCF	4
Configuring the PCF	3	<i>Create a New Page TCF</i>	4
<i>Configuring the Prolog</i>	3	<i>Create a New Section TCF using an</i>	
<i>Adding Editable Regions</i>	3	<i>Include File for Common Variables</i>	5
<i>Configure Page Properties</i>	4	PCF Cheat Sheet	7
Creating the TMPL	4	New Page TCF Cheat Sheet	9

Page Template Creation and Customization

To get started, first log into the workshop site: [workshop\[#\].outc16.com](http://workshop[#].outc16.com)

1. Navigate to the homepage by using the personalized link on your workshop insert.
2. Replace [#] with the number on your workshop insert.
3. Click on the **DirectEdit** link found on the page, which for the conference is the words “Last Updated” followed by a date.
4. Log into OU Campus using the administrator username and password.

Configuring the PCF

Configuring the Prolog

Purpose: To understand the components of the prolog.

Objective: Read the existing elements in the prolog and add a PCF-stylesheet.

1. Navigate to the `/workshop-page-templates` directory.
2. **Edit** the `starter.pcf` file via the **Source Editor**.
3. Read the existing prolog elements and navigate to the directory that contains the declared XSL file.
4. Add an alternate PCF-stylesheet declaration, with `path="/_resources/xsl/mobile-preview.xsl", title="Mobile Preview", extension=".m.html", alternate="yes", and publish="no"`.
5. **Save** the changes.
6. **Preview** the changes by switching from **Desktop Preview** to **Mobile Preview** in the drop-down menu found on the **Preview** screen.

Adding Editable Regions

Purpose: To understand how to configure editable regions in order to customize content for the page.

Objective: To add two editable regions.

1. Navigate to the `/workshop-page-templates` directory.
2. **Edit** the `starter.pcf` file via the **Source Editor**.
3. Add an `<ouc:div>` tag, then fill in the following information: `label="maincontent" group="Everyone" button-text="Main Content"`.
4. Add the following information in an `<ouc:editor />` tag: `cssmenu="/_resources/ou/editor/styles.txt"`
5. **Save** the changes.
6. Review the updates by clicking the **Edit** button.
7. **Edit** the `starter.pcf` file via the **Source Editor** again.
8. Add a new `<ouc:div>` above the existing Main Content div. This will be for an image slider. Include `label="image-slider", group="Everyone", and button-text="Image Slider", as well as ldp-type="flexslider"`.

9. Within this new div, add another `<ouc:editor />` tag with `wysiwyg="gallery"` inside it.
10. **Save** the changes.
11. Note there is no new editable region displaying above the Main Content region yet because the XSL is looking for a page parameter to display it.

Configure Page Properties

Purpose: To understand how to make the page dynamic using page parameters.

Objective: To add metadata and page parameters.

1. Navigate to the `/workshop-page-templates` directory.
2. **Edit** the `starter.pcf` file via the **Source Editor**.
3. In the `<ouc:properties label="metadata">` tag, add tags for `title`, `description`, and `keywords`. Fill the `title` tag with whatever title you would like for now.
4. **Save** the changes.
5. Review the changes by editing the **Properties** in the Page Actions toolbar.
6. Add a new title for the page by filling in the **Title** field and **Save**.
7. **Edit** the `starter.pcf` file again via the **Source Editor**.
8. Note that the contents inside the `title` tag have changed.
9. In the `<ouc:properties label="config">` tag, add `<parameter name="heading">` with a `type`, `group`, `prompt`, and `alt`.
10. Add `<parameter name="image-slider">` with a `type`, `group`, `prompt`, and `alt`.
11. Within this parameter, include two `<option value>` tags for `true` and `false`.
12. **Save** the changes.
13. Review the changes by editing the **Properties**.

Creating the TMPL

Purpose: To understand how to convert a file into a TMPL.

Objective: To create a new TMPL from a PCF.

1. Navigate to the `/workshop-page-templates` directory.
2. **Edit** the `starter.pcf` file via the **Source Editor**.
3. Replace the content in the `title`, `description` and `page heading` area with the appropriate echo statements.
4. **Save As** the file to the `/_resources/ou/templates` directory as `my-template.tmpl`.
5. Navigate to `/_resources/ou/templates` and verify that the file is there and configured properly.

Creating the TCF

Create a New Page TCF

Purpose: To understand how to create a simple TCF.

Objective: To create a new TCF for a page.

1. Navigate to the `/workshop-page-templates` directory.
2. **Copy** `my-template.tcf` to the `/_resources/ou/templates` directory.
3. Navigate to `/_resources/ou/templates` and verify that the file is there.
4. **Edit** `my-template.tcf` via the **Source Editor**.
5. Between the opening and closing `<variable-list>` tags, add variables for title, description, and page heading.
6. Before the closing `<variable-list>` tag, paste the remaining variables.
7. Between the opening and closing `<template-list>` tags, configure the template creation for creating a new page using the `my-template.tmpl`.
8. Between the opening and closing `<navigation-list>` tags, configure the navigation options.
9. **Save** the changes.
10. **Upload** an image for the TCF. Be sure to name it `my-template.gif`.
11. If desired, **Publish** the files.
12. In another tab, navigate in OU Campus to **Setup > Templates** and click on **Template Groups** in the left navigation bar.
13. Edit the **Page Templating** template group and add the new template.
14. **Save** the changes.
15. Navigate to `/workshops-page-templates` in **Content > Pages**.
16. Create a **New** page by selecting the new template just created.

Create a New Section TCF using an Include File for Common Variables

Purpose: To understand how to create a more advanced TCF.

Objective: To create a new TCF for a section.

1. Navigate to the `/_resources/ou/templates` directory.
2. Create a **New** include file called `commonvariables.inc`.
3. Within the include file, add the variables for title, description, and body.
4. Navigate to the `/workshop-page-templates` directory.
5. **Edit** `my-template.tcf` via the **Source Editor**.
6. **Save As** the file to the `/_resources/ou/templates` directory as `my-section.tmpl`.
7. Navigate to `/_resources/ou/templates` and verify that the file is there.
8. **Edit** the `commonvariables.inc` file. Add common variables to the variable includes file like title and description.
9. **Under** the `<variable-list>` tag add the `commonvariables inc.` file:
`<include>commonvariables.inc</include>` Add the remaining variables for the section.
10. Update the `<template-list>` with the `my-template.tmpl`. This will create the index.
11. Add a new template for using the `navigation.tmpl` to create a section navigation file.
12. Update the `<navigation>` nodes with the correct auto navigation variables.
13. **Save** the changes.
14. **Upload** an image for the TCF. Be sure to name it `my-section.gif`.
15. If desired, **Publish** the files.
16. In another tab, navigate in OU Campus to **Setup > Templates > Template Groups**.
17. Edit the **Page Templating** template group and add the new template.

18. **Save** the changes.
19. Navigate to */workshop-page-templates* in **Content > Pages**.
20. Create a **New** section by selecting the new template just created.

PCF Cheat Sheet

Prolog

```
<?xml version="1.0" encoding="UTF-8"?>
<?pcf-stylesheet path="/_resources/xsl/interior.xsl" title="Interior
Page" extension="html"?>
<?pcf-stylesheet path="/_resources/xsl/mobile-preview.xsl"
title="Mobile Preview" extension=".m.html" alternate="yes"
publish="no" ?>
<!DOCTYPE document SYSTEM
"http://commons.omniupdate.com/dtd/standard.dtd">
<document xmlns:ouc="http://omniupdate.com/XSL/Variables">
```

Configure PCF-Stylesheet(s)

Root Node

<!-- All XML documents require an XML Prolog. For PCF documents, the prolog will also include the PCF stylesheet declaration with the correct path to the specific xsl used to style the document. They also require a root node. For PCF documents the root node will be <document>. All the children nodes within the parent document node are used to markup page properties, Meta data or editable regions for the PCF.

-->

<!-- Best practice is to have a couple common empty nodes in case a page needs to have page-unique code. These are only editable in source and therefore admins. -->

```
<headcode></headcode>
<bodycode></bodycode>
<footcode></footcode>
```

<!-- Meta page properties. Defines the meta elements that are placed in the head of the HTML document. -->

```
<ouc:properties label="metadata">
  <title> My Page </title>
  <meta name="Description" content="A completed PCF example"/>
  <meta name="Keywords" content="page templates, training,
OUTC15" />
</ouc:properties>
```

Configure Meta data

Page Properties

<!-- General page properties. Defines user options for page layout. -->

```
<ouc:properties label="config">
  <parameter name="heading" type="text" group="Everyone"
prompt="Page Heading" alt="Page title that displays above the main
content region.">Completed Example</parameter>
```

Configure Custom Settings

Page Properties

```

<parameter name="image-slider" type="select"
group="Everyone" prompt="Image Slider Region" alt="Turns on/off the
image slider region above the main content region. (LDP Gallery Asset
required).">
  <option value="true" selected="true">On</option>
  <option value="false" selected="false">Off</option>
</parameter>
</ouc:properties>

```

<!-- Editable region. An <ouc:div> defines an editable region so a user can edit content within the WYSIWYG editor. Every <ouc:div> must have a unique label.

The <ouc:editor> tag defines the CSS styling in the WYSIWYG editor for this editable region. -->

Editable Regions

```

<ouc:div label="image-slider" group="Everyone" button-text="Image
Slider" ldp-type="flexslider"><ouc:editor
wysiwyg="gallery"/>
</ouc:div>

<ouc:div label="maincontent" group="Everyone" button-text="Main
Content">
  <ouc:editor csspath="/_resources/ou/editor/content.css"
cssmenu="/_resources/ou/editor/styles.txt" wysiwyg-class="maincontent"
width="1020" />
  <p>
    Main content goes here.
  </p>
</ouc:div>

```

Add Editable Regions

Closed Root Node

```

</document>

```


New Page TCF Cheat Sheet

```

<tcf>
  <title>My New Page Template</title>
  <variable-list>
    <variable section="General Page Setup" name="title"
type="text" prompt="Page Title" alt="Enter the page title. This will
also be displayed by search engines as well as the web browser
window."></variable>
    <variable name="description" type="text" rows="3"
prompt="Description" alt="Enter a short description of the page, to be
displayed by search engines."></variable>
    <variable section="File Configuration" name="pcf-filename"
prompt="Filename" alt="Enter a filename using only lowercase letters,
underscores, or dashes">newfile</variable>
    <variable name="autonav" prompt="Add Navigation
Item" type="select" alt="Specify if this page should be added to the
current directory's navigation automatically.">
      <option value="true">Yes</option>
      <option value="false">No</option>
  </variable-list>
  <template-list>
    <template
filename="{pcf-filename}"
display-filename="no"
extension="pcf"
autonav="{autonav}">my-template.tpl</template>
  </template-list>
  <navigation-list>
    <navigation name="true" path="_sidenav.inc"
group="Everyone" publish="no"><li><a
href="{ox_autonav:shorturl}">{title}</a></li></navigation>
group="Everyone" publish="no"></navigation>
  </navigation-list>
</tcf>

```

Variables For the New Page Form

Template for the New PCF

AutoNavigation