

Adding AngularJS Display Templates

Preface

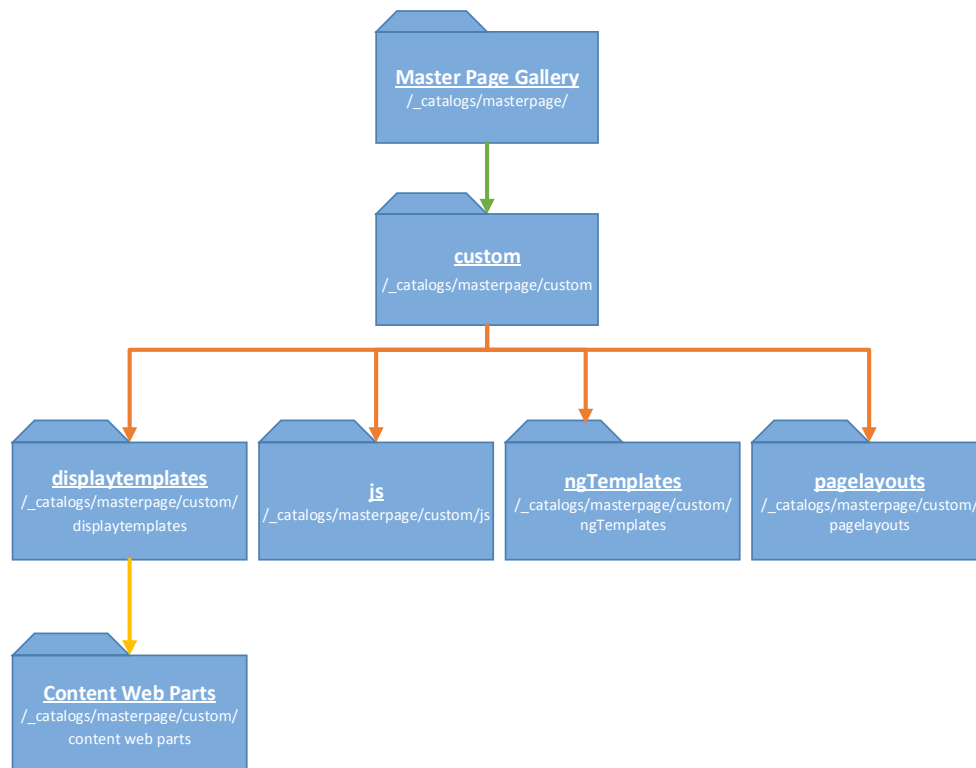
A pet peeve of mine is when someone just dumps code in a zip file, attaches it to their blog, and assumes the blog is enough documentation to “figure it out”. In my opinion, the blog post should be an explanation of the code, akin to something you’d start a code review with. This document is to serve as an actual start-to-finish guide to taking this code, wiring it up on your dev environment, and ultimately a starting point for your own application.

Prerequisites

- A SharePoint 2013 Environment
- Site Collection Admin permissions
- Some knowledge of Content Search Web Parts, display templates, and AngularJS.
- A functioning search index with values

Uploading the Files

- First, we’ll need to upload the files from this ZIP to your environment. I created a new folder structure in the Master Page Gallery on my root site collection. The structure looks like this:

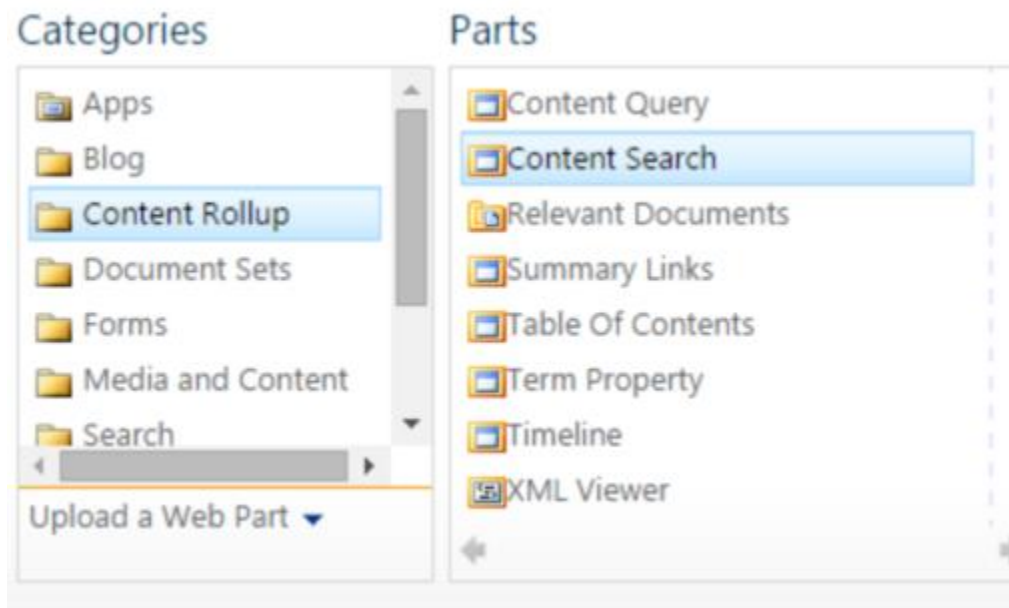


- After your folder structure is created, start uploading files.

- Upload **WP_Control_Angular_FirstControlTemplate.html**, **WP_Control_Angular_FirstControlTemplate.html**, and **WP_Item_Angular_Blank.html** to the **Content Web Parts** folder (under **displaytemplates**).
- Upload **angular.js**, **HelperFunctions.js**, and **NgDirectives.js** to the **js** folder.
- Upload **firstDirectiveTemplate.html** and **secondDirectiveTemplate.html** to the **ngTemplates** folder.
- Upload **Angular_PageLayout.aspx** to the **pagelayouts** folder.
 - After uploading this file, you have to edit the properties of the file, so SharePoint recognizes it as a page layout. Change the **Content Type** to **Page Layout**, and set an **Associated Content Type**. I set this to my Welcome Page.

Set Up Your Page

- Create a new page from the **Angular_PageLayout.aspx** layout that we just uploaded. I called my page Angular Test.
- Edit the page and add a web part in the **CSWP 1** zone.
- Select the **Content Search** web part under the **Content Rollup** category and **Add** it to the page.



- Edit the newly created web part.
 - Adjust the Query and number of items as needed. Just make sure you have some results coming back.
 - Under the **Control** dropdown, select **First Control Template – Angular**
 - Under the **Item** dropdown, select **Angular (Blank)**

Content Search

Properties

☐ **Search Criteria** [Help](#)

Number of items to show

3

☐ **Display Templates** [Help](#)

Control

First Control Template - Angular ▼

Item

Angular (Blank) ▼

☒ Don't show anything when there are no results.

☐ **Property Mappings**

☐ **Settings**

☐ **Appearance**

☐ **Layout**

☐ **Advanced**

- Expand **Property Mappings**, and check the box next to **Change the mapping of managed properties for the fields in the Item Display Template**.
 - This is necessary to pick up the Managed Property Mappings from Angular_Blank.
 - If you forget to check this box, you may get blank values for everything.

☐ **Property Mappings**

☒ Change the mapping of managed properties for the fields in the Item Display Template.

- Click **OK** to save the web part.
- Repeat this process for the **CSWP 2** section as well. This time, we're going to select **Second Control Template – Angular** as our **Item** template. Don't forget to select the **Change the mapping of managed properties for the fields in the Item Display Template** box again!

☐ [Display Templates](#) [Help](#)

Control

Second Control Template - Angular ▼

Item

Angular (Blank) ▼

- Click **OK** to save this web part.
- **Save**, **Check In**, and **Publish** the page.
- If everything was done correctly, you should see both web parts on your page, displaying information about your content!



Angular Test [EDIT LINKS](#)

Angular-Test

Angular Test

[EDIT LINKS](#)

Site Contents

Angular Display Template - 1st Template

Sample PDF #1

File Name: samplepdf.pdf

Content Type: application/pdf Document

Sample Doc #1

File Name: SampleDoc1.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Sample Document #2

File Name: SampleDoc2.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Angular Display Template - 2nd Template

Sample PDF #1

File Name: samplepdf.pdf

Content Type: application/pdf Document

Sample Doc #1

File Name: SampleDoc1.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Sample Document #2

File Name: SampleDoc2.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

PR

File Name: DispForm.aspx

Modified By:

Size: 24 K

home

File Name: home.jpg

Modified By:

Size: 27.5 K

Sample PDF #1

File Name: samplepdf.pdf

Modified By:

Size: 86 K



Angular Test

[EDIT LINKS](#)

Angular-Test

Angular Test

[EDIT LINKS](#)

[Site Contents](#)

Angular Display Template - 1st Template

Sample PDF #1

File Name: samplepdf.pdf

Content Type: application/pdf Document

Sample Doc #1

File Name: SampleDoc1.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Sample Document #2

File Name: SampleDoc2.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Angular Display Template - 2nd Template

Sample PDF #1

File Name: samplepdf.pdf

Content Type: application/pdf Document

Sample Doc #1

File Name: SampleDoc1.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

Sample Document #2

File Name: SampleDoc2.docx

Content Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document Document

PR

File Name:

Modified By:

Size: 24 K

home

File Name:

Modified By:

Size: 27.5 K

Sample PDF #1

File Name:

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Size: 86 K
