

# Twitter Bootstrap for SharePoint 2010

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The Twitter Bootstrap framework integrated with Microsoft SharePoint 2010 including a Design Package for publishing sites (master page and page layouts) and a master page for collaboration sites. Based on Bootstrap version 2.2.1 and includes all source files including installation and usage instructions.

Version 1.1

**Version 1.1**

Authors:  
Eric Overfield  
D'arce Hess  
Gilda Spencer

[ericoverfield.com](http://ericoverfield.com)  
[TheBrandingButterfly.com](http://TheBrandingButterfly.com)

[Twitter.com/ericoverfield](http://Twitter.com/ericoverfield)  
[Twitter.com/DarceHess](http://Twitter.com/DarceHess)  
[Twitter.com/gildaspencer](http://Twitter.com/gildaspencer)

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# What is Twitter Bootstrap for SharePoint 2010?

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Over the last few years, there has been a growing trend to use prebuilt frameworks when starting a new web site or web application. This allowed for quicker development time as a framework generally had prebuilt tools, code, grids, css, JavaScript, etc that was backwards compatible to IE 7. With the recent advent of Responsive Web Design, the need only increased as it could take quite a while to build a base structure when building for a change viewport. [Twitter Bootstrap](#) was originally built by two former employees of Twitter, [@mdo](#) and [@fat](#), for Twitter internal projects but was made available to the public and quickly became one of the most popular frameworks for web sites. In Bootstrap 2.0, a Responsive grid was added making Bootstrap that much more powerful.

Naturally we SharePoint developers want the power of front-end frameworks for our SharePoint development projects as well, especially if we want our SharePoint sites to be responsive. Looks easy enough, but once you attempt to integrate Bootstrap into SharePoint, well, it's a mess. In that vain, we developed a package for you that takes the power of Bootstrap, its addons and more importantly its responsive grid and fixes it so that it works with SharePoint 2010, for sites with Publishing enabled as well as collaboration sites such as team sites that do not offer the power of page layouts.

The assets included with Bootstrap were not touched, rather we added our own stylesheet that overrode any issues that Bootstrap caused with SharePoint. The primary issues being how images were displayed, navigation, how to integrate the grid and how to make a general SharePoint site responsive.

The premise of this project is that we would help you get started with a master page that will function well in most cases but will likely require customization on your end. Branding elements were not applied, we did not attempt to change elements, color, etc, except for the top navigation as the OOTB top navigation included in SharePoint is not generally Responsive friendly although you could definitely have the navigation in the upper right if you choose. Hopefully this project provides you a solid foundation in which to build out your Responsive SharePoint 2010 site if you want to use the Bootstrap framework.

As with any of our CodePlex projects, this is always a work in progress. We have done our best to ferret out as many issues with Bootstrap and SharePoint 2010 as well as attempt to provide enough examples and documentation to help you get started. We hope you can leverage our time and experience to help deliver your project quicker and with less issues. If you find any issues please provide feedback and comments at the Codeplex project discussion area, <http://responsivesharepoint.codeplex.com/discussions>. We are also looking for more people to help develop this framework as well as others for SharePoint. Please contact Eric Overfield at <http://www.codeplex.com/site/users/view/eoverfield>.

# What is in this Package?

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Within the zip file you will find three primary directories, Installation Instructions, Non-publishing and Publishing.

**Installation Instructions** – Fairly straight forward, contains this file and other documentation as required.

**Non-publishing** – This folder contains the assets required for a SharePoint 2010 site that does not have publishing enabled, i.e. Team sites. Within this folder you will find master page, css, images and javascript required to implement Bootstrap into SharePoint 2010. There are no page layouts as sites without publishing enabled do not use page layouts.

**Publishing** – Similar to the Non-Publishing folder where you will find a masterpage specific for publishing SharePoint 2010 Sites and the original source files as so that you can upload the branding assets manually.

After fixing general issues in SharePoint 2010 that Bootstrap breaks, the next more difficult aspect of integrating Bootstrap with SharePoint is page layouts. In an effort to assist that process we have pre-build six different page layouts for you. All are responsive although only “banded” includes code that will hide the left navigation. Any of these page layouts can be modified to meet your needs or used as a starting place for your own custom page layouts.

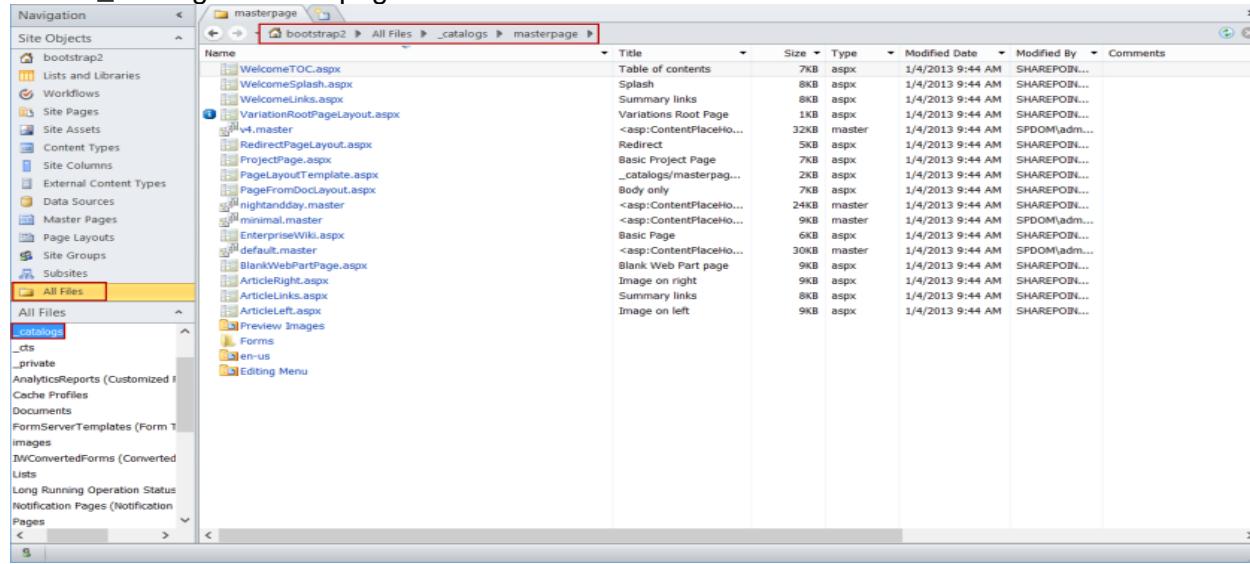
**PageLayoutSampleContent** – Contains a sub directory for each page layout. In each page layout directory is a series of txt files, one each for each web part zone that the page layout provided. These text files provide sample content so that you can create a page with content similar to the examples shown at the end of this document.

Our installation instructions assume a working knowledge of SharePoint 2010. If you do not have a basic understanding of SharePoint and basic branding techniques you may want to take a step back and learn more about SharePoint. The primary reason being that SharePoint is difficult enough to brand properly, attempting to make it responsive with a powerful framework such as Bootstrap will only add to the complexity.

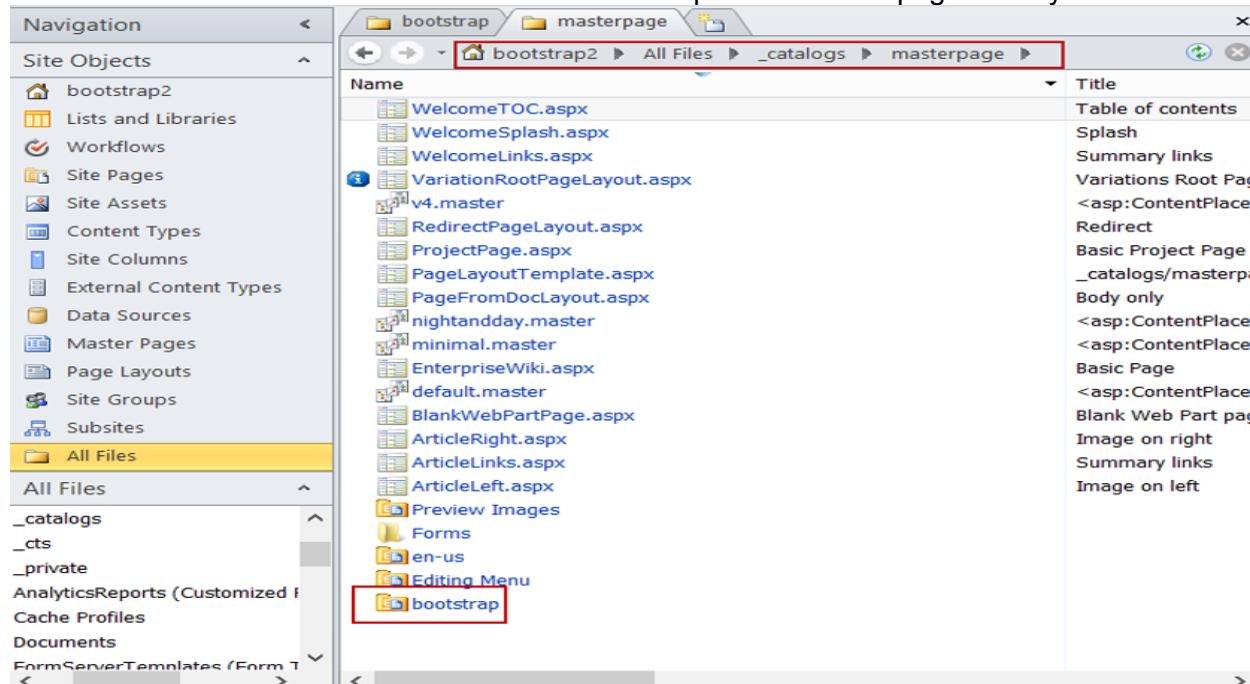
# Installation Instructions

## Installing Bootstrap using SharePoint Designer 2010

1. Go to the root of your site. Choose **All Files** from the left navigation.
2. We like to use SharePoint Designer 2010 still for installation although you could use a different editor if you choose. Open SharePoint Designer 2010 and then open your site collection and navigate to All files ->\_catalogs->masterpage.



3. Open the Bootstrap2010\Publishing folder in Windows Explorer. In SharePoint Designer 2010, go to All You will want to create a new folder named “bootstrap” in the Masterpage Gallery.



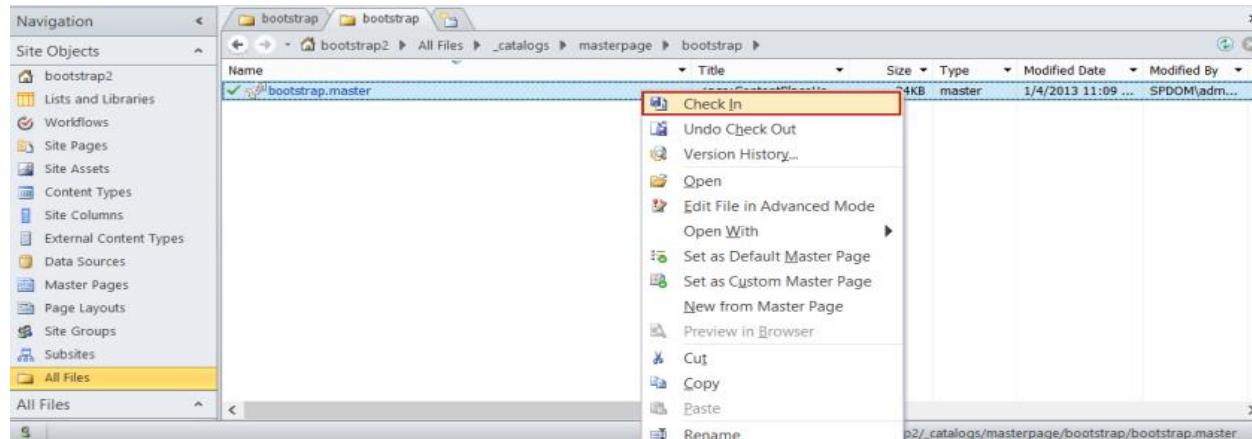
4.

5. Now in the Bootstrap folder in SPD and you should see the following file:

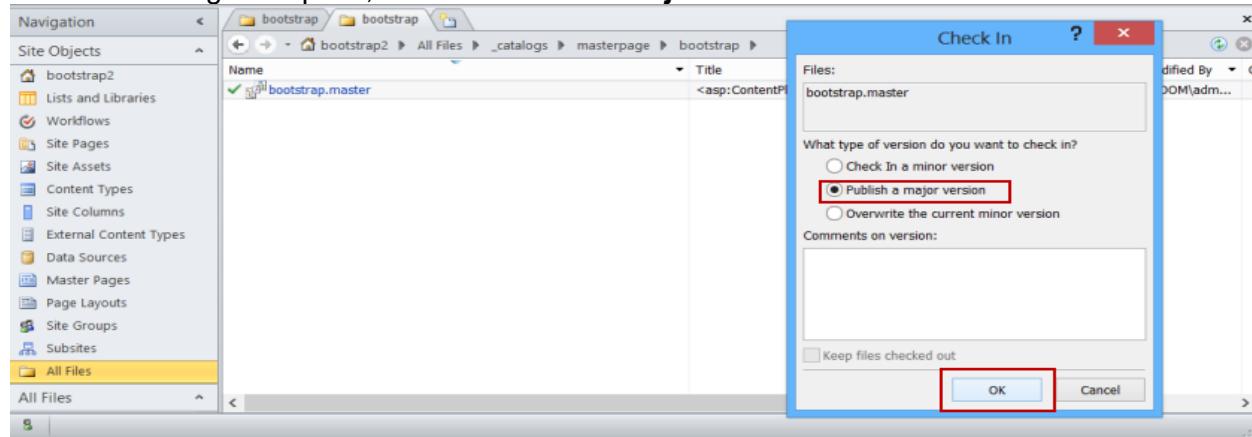
**Files:**

Bootstrap Master Page for SharePoint 2010 (.master)

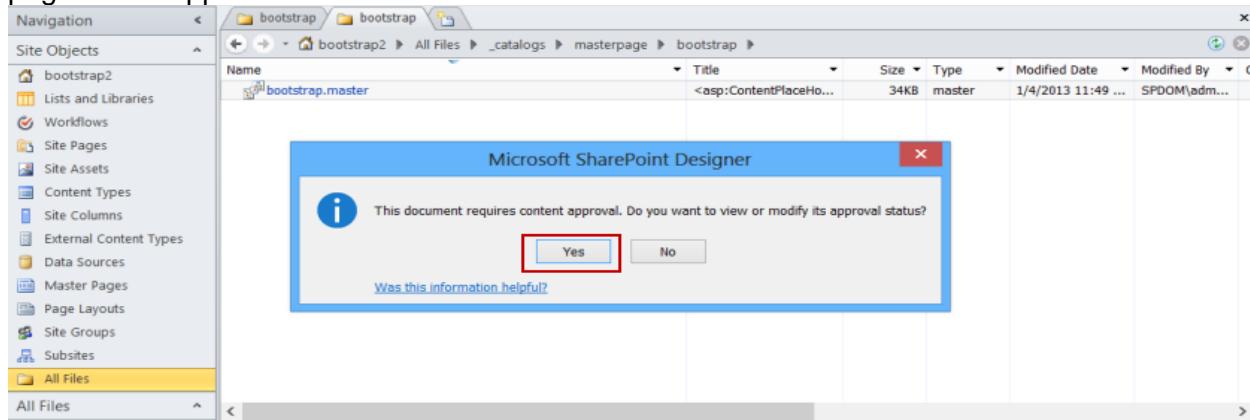
6. You can then drag and drop the “bootstrap” master page from your .zip file into the “bootstrap” folder in SharePoint Designer. Click the newly uploaded Master Page (using Ctrl + left-click if using a PC). Click **Check-in**.



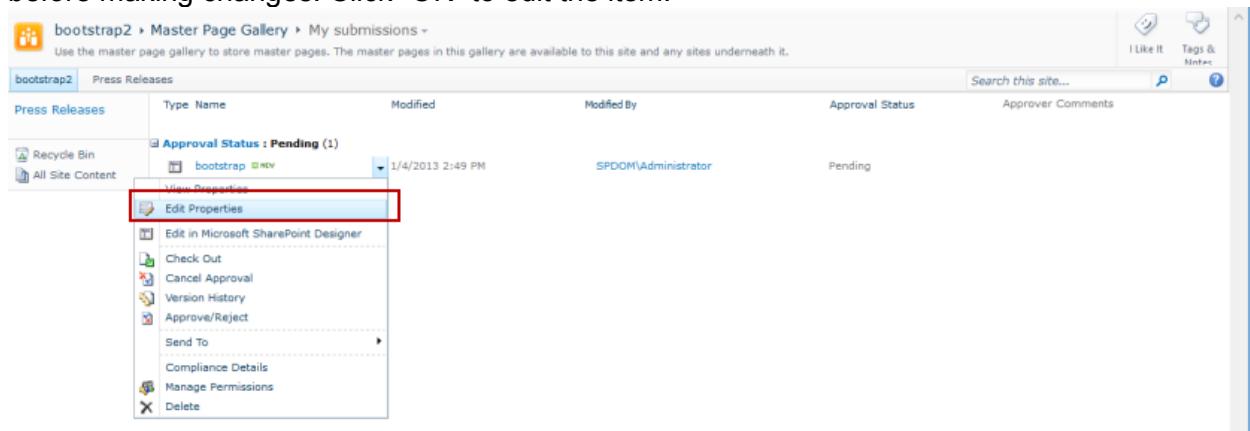
7. When the dialog box opens, choose **Publish a Major Version**.



8. When asked to approve the page, click “Yes”. This will open a browser window with your pending pages to be approved.



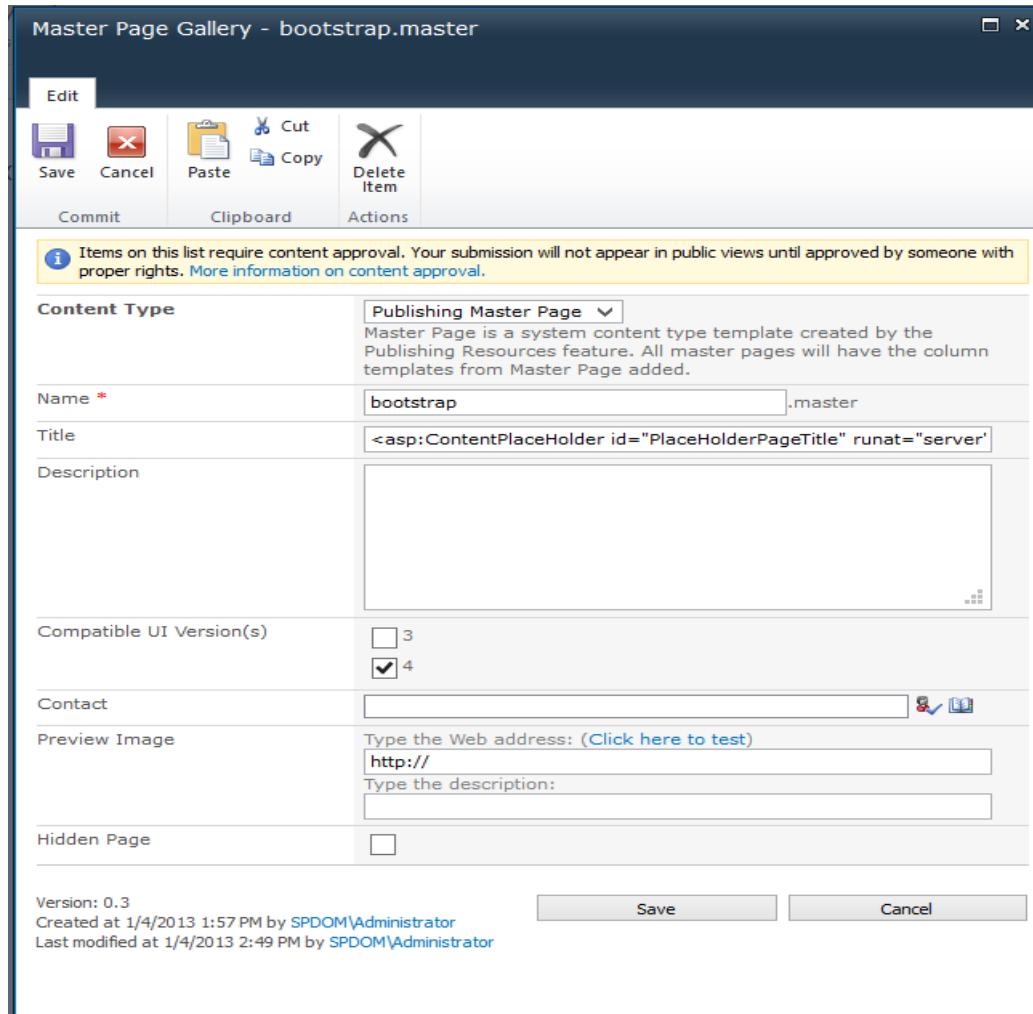
9. Before approving our newly uploaded Master Page, we need to set the correct page content types. Right-click the Master Page and choose **Edit Properties**. You will be asked to check out the page before making changes. Click “OK” to edit the item.



10. When the dialog box opens, make sure the following are selected:

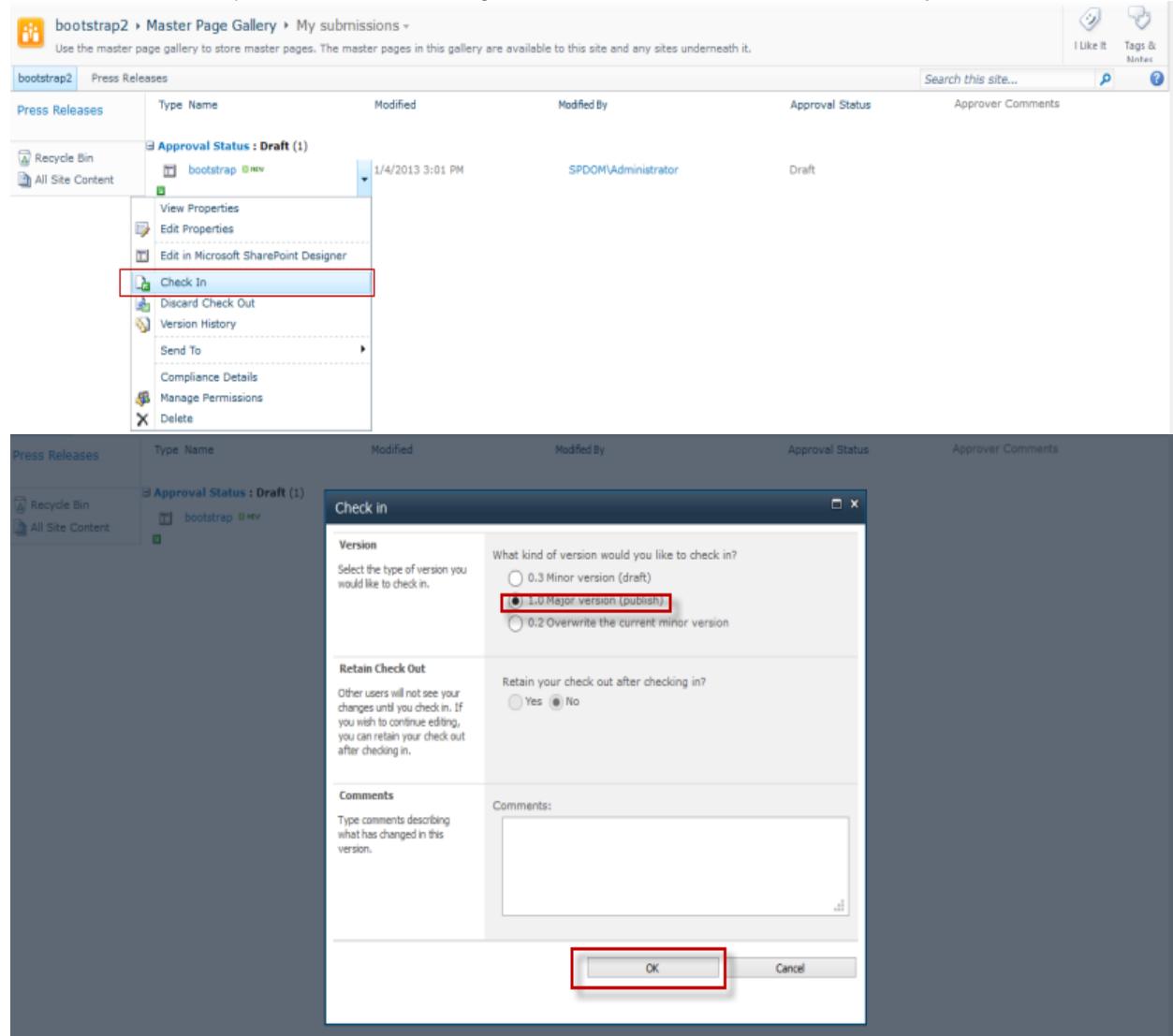
- **Content Type** should be **Publishing Master Page**
- **Compatible UI Version** should be **4**.

Then click "Save".



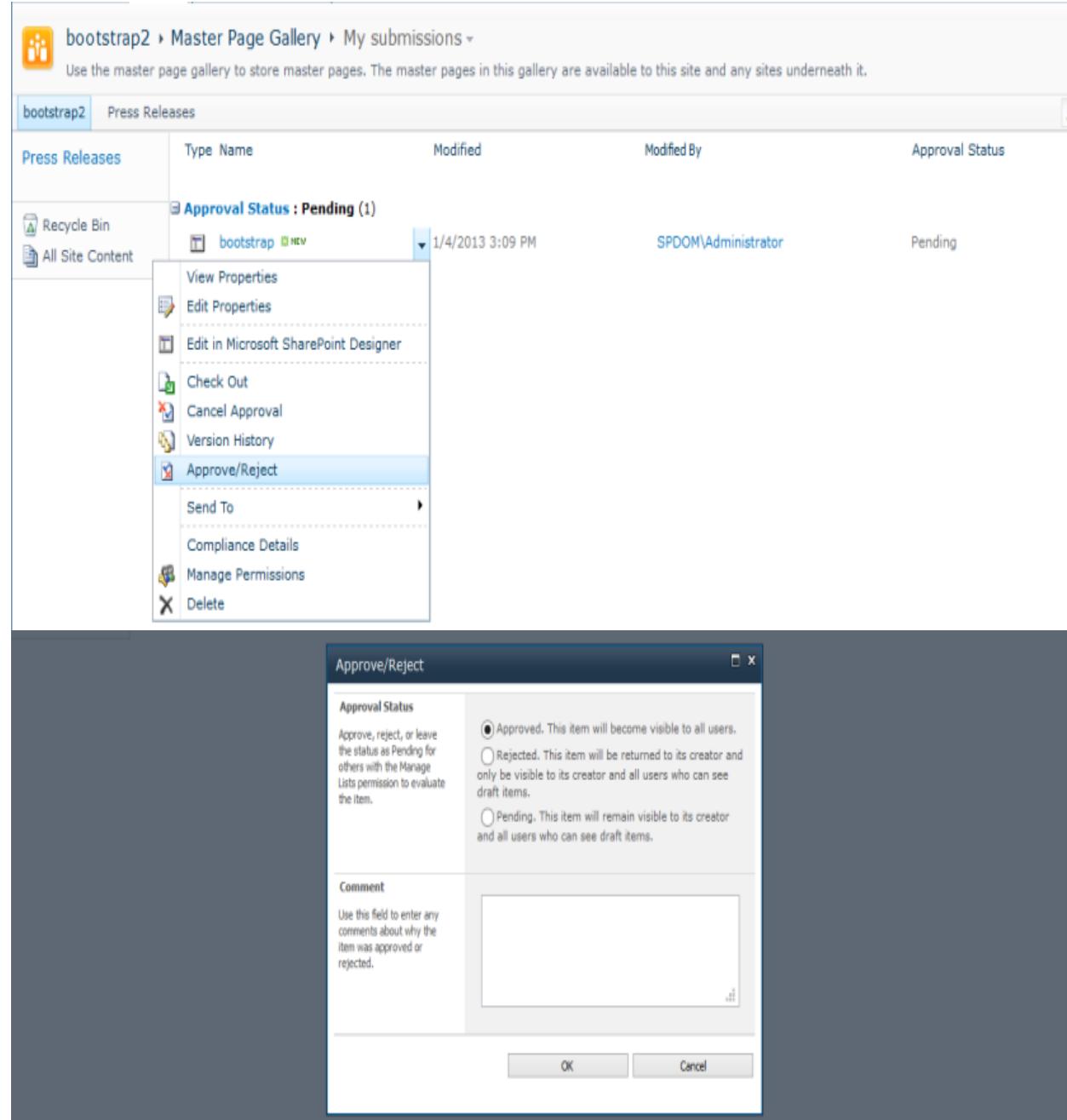
11. While still in the browser, right-click the master page to **Check-In** the master page. You get the option of what type of version you would like to check-in. Choose **Major Version**, which will also publish your master page.

If, the file is already checked in, then right-click and select **Publish as a Major Version**.



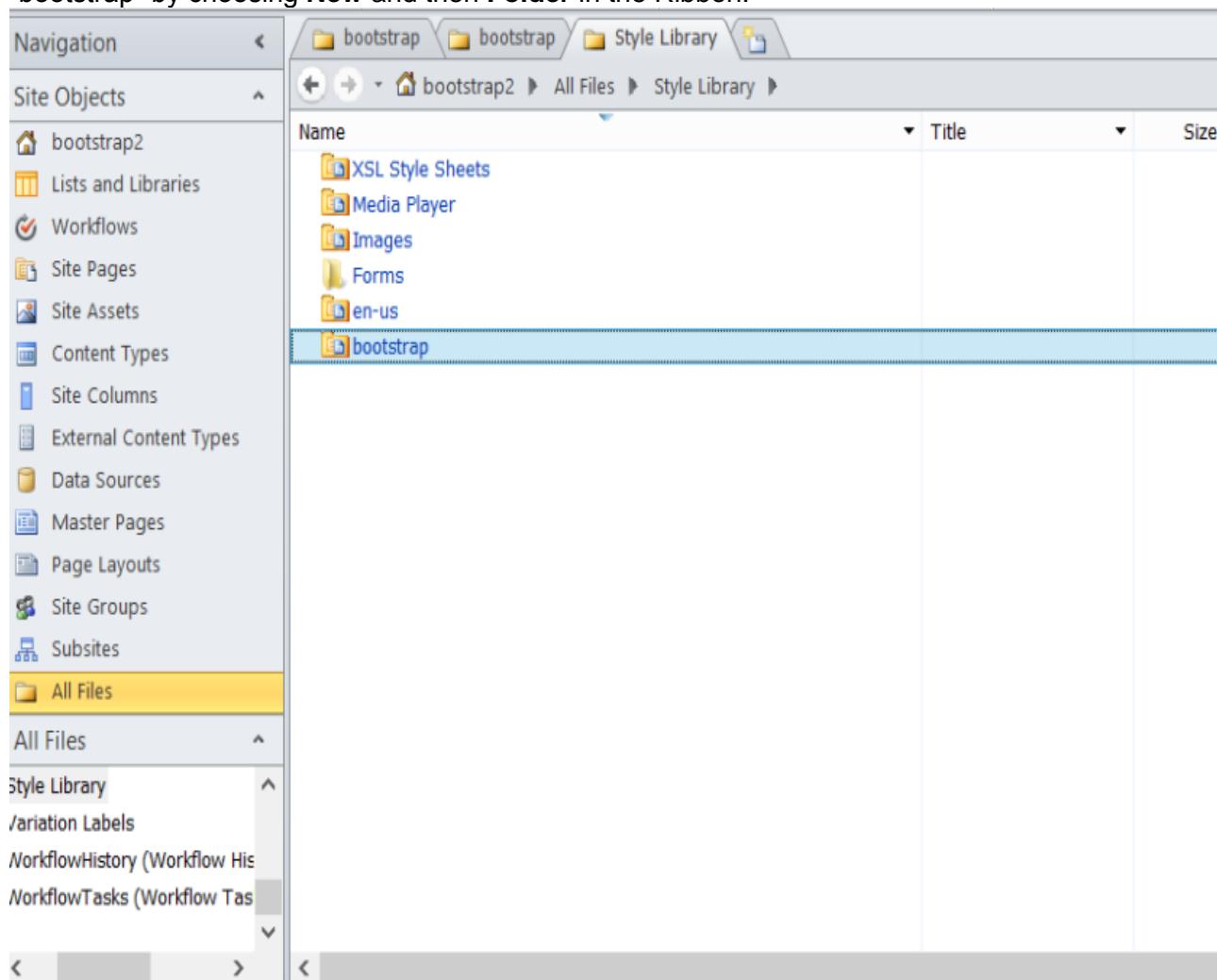
12. After your master page is Checked In and Published as a Major Version, you can approve the item.

On the same page, right-click and select **Approve/Reject**. In the dialog box, select **Approved**. Then Click "OK".



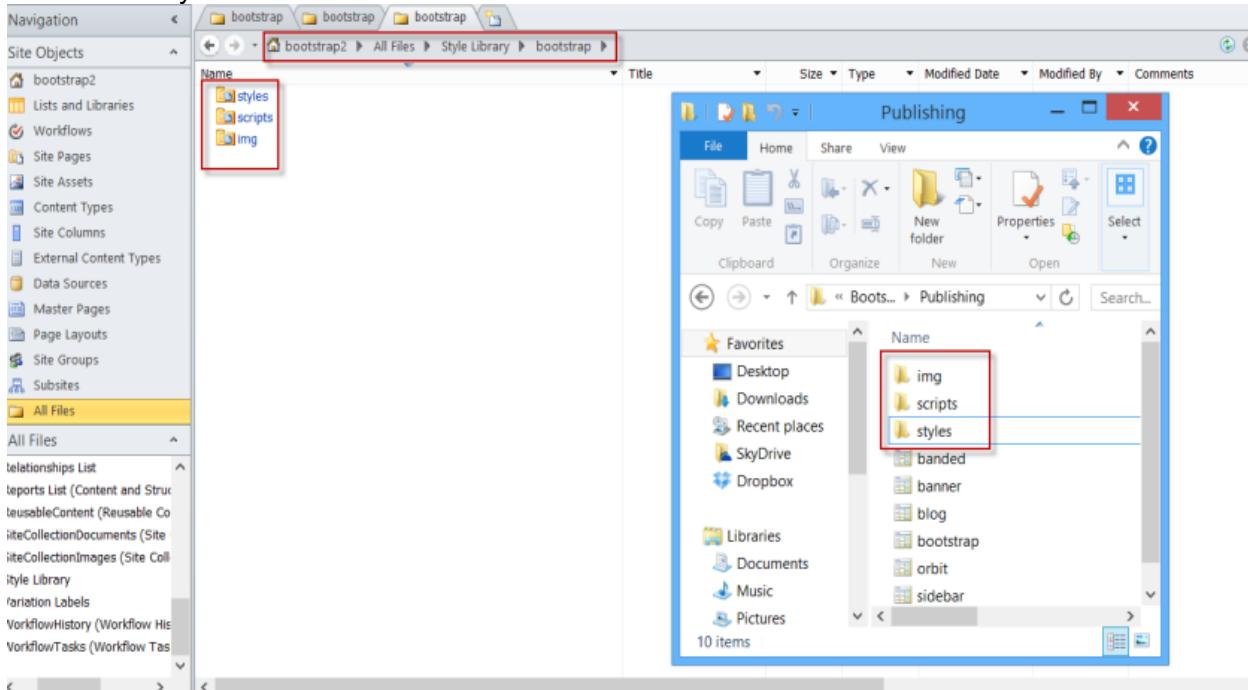
13. Next, you will want to install the CSS files. Go to the root of your site. Choose **All Files** from the left navigation.

14. Go to the **Style Library** folder in the main viewing pane. You will need to create a folder called "bootstrap" by choosing **New** and then **Folder** in the Ribbon.

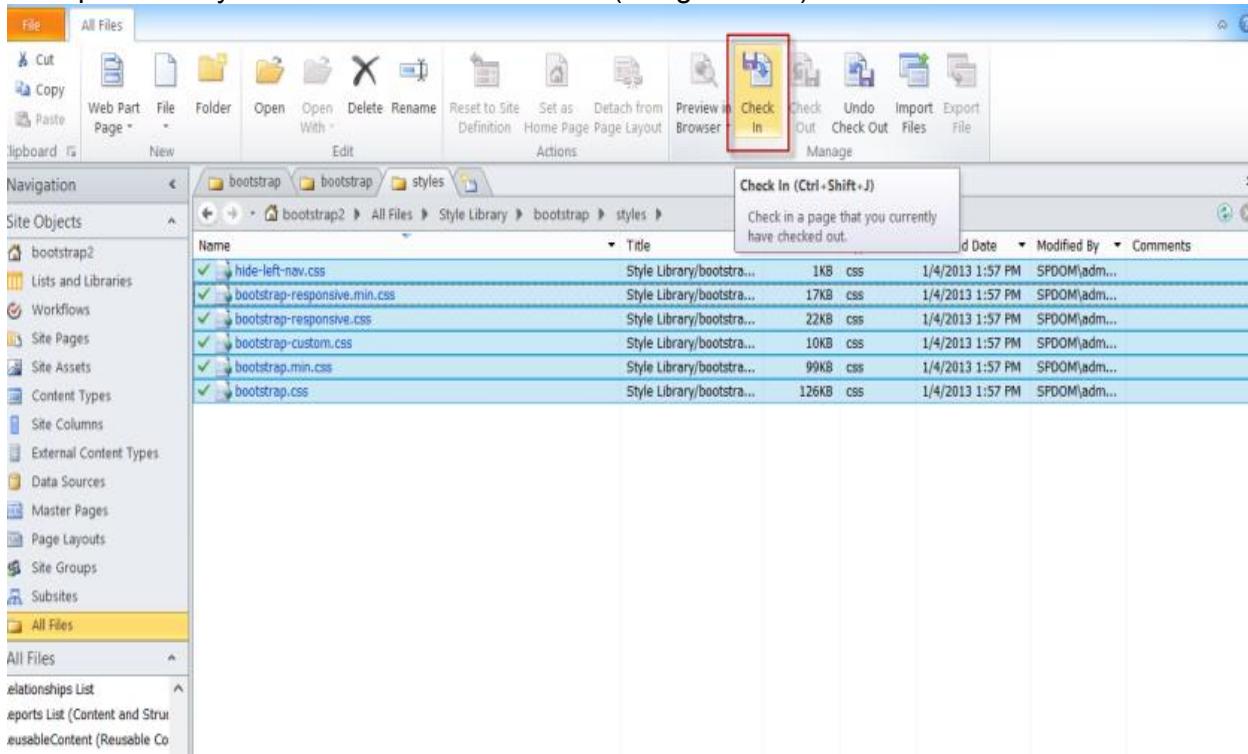


15. Then **drag and drop** the following files into the new “bootstrap” folder in the “Style Library”:

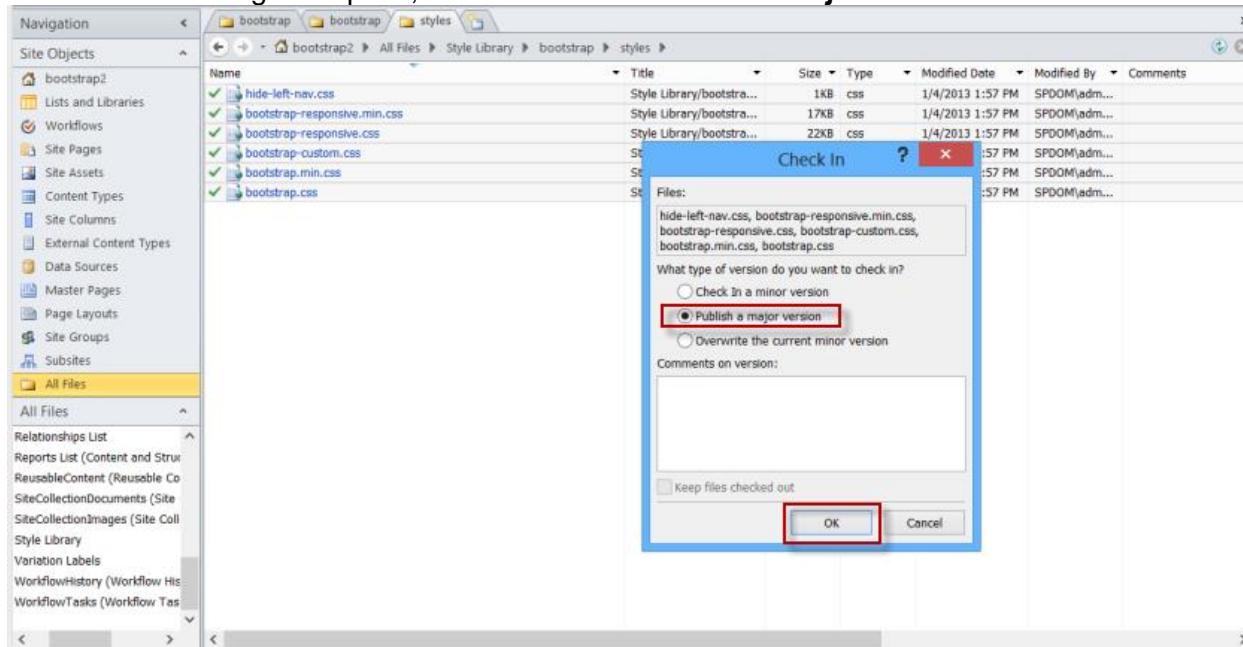
- Img
- Scripts
- Styles



16. Open the “styles” folder. Select all the files (using **Ctrl + A**). Click **Check In** in the Ribbon.



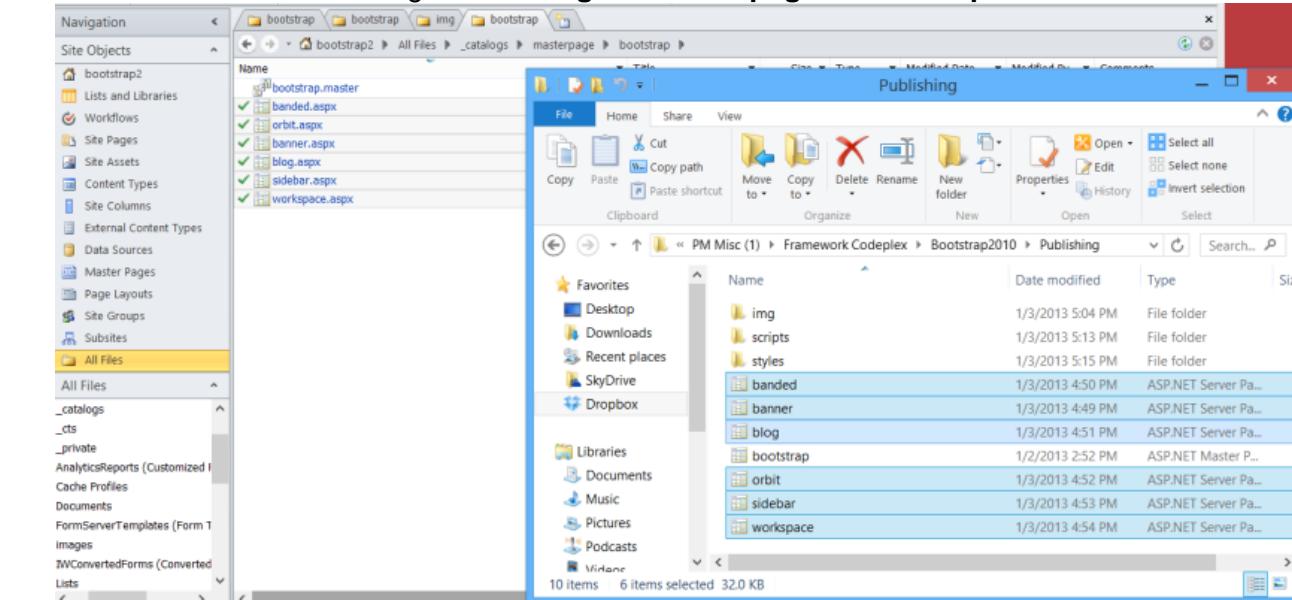
17. When the dialog box opens, make sure to **Publish as a Major version** is checked. Click "OK".



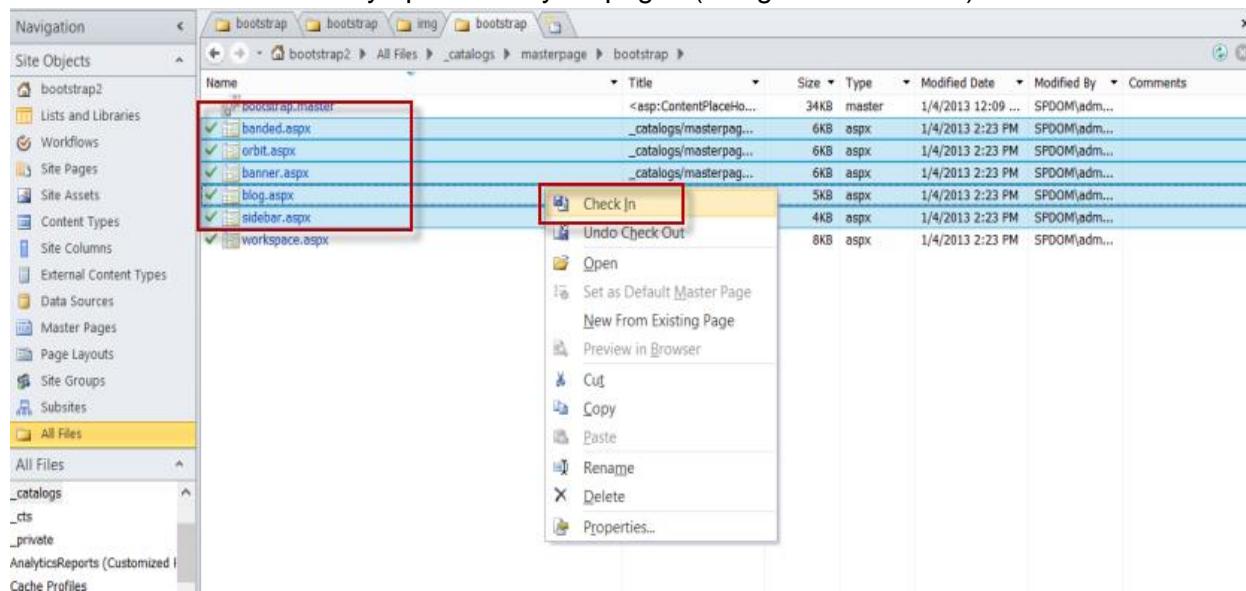
18. Repeat steps “15” and “16” for the items in the “img” and “scripts” folders.

19. We will now want to install the Page Layouts. Go to the root of your site. Choose “All Files” from the left navigation.

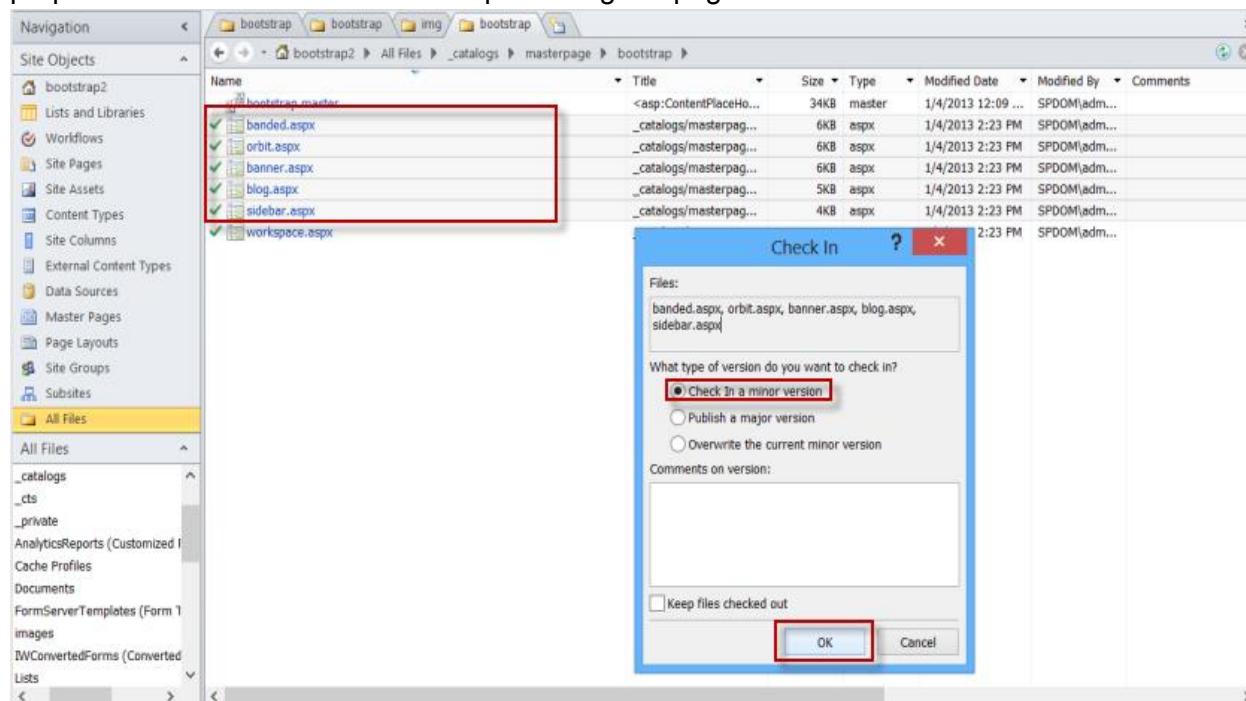
20. Drag and drop from the template folder all of the layout pages (files ending in .aspx) to the folder location in SharePoint Designer **\_catalogs -> masterpage ->bootstrap**.



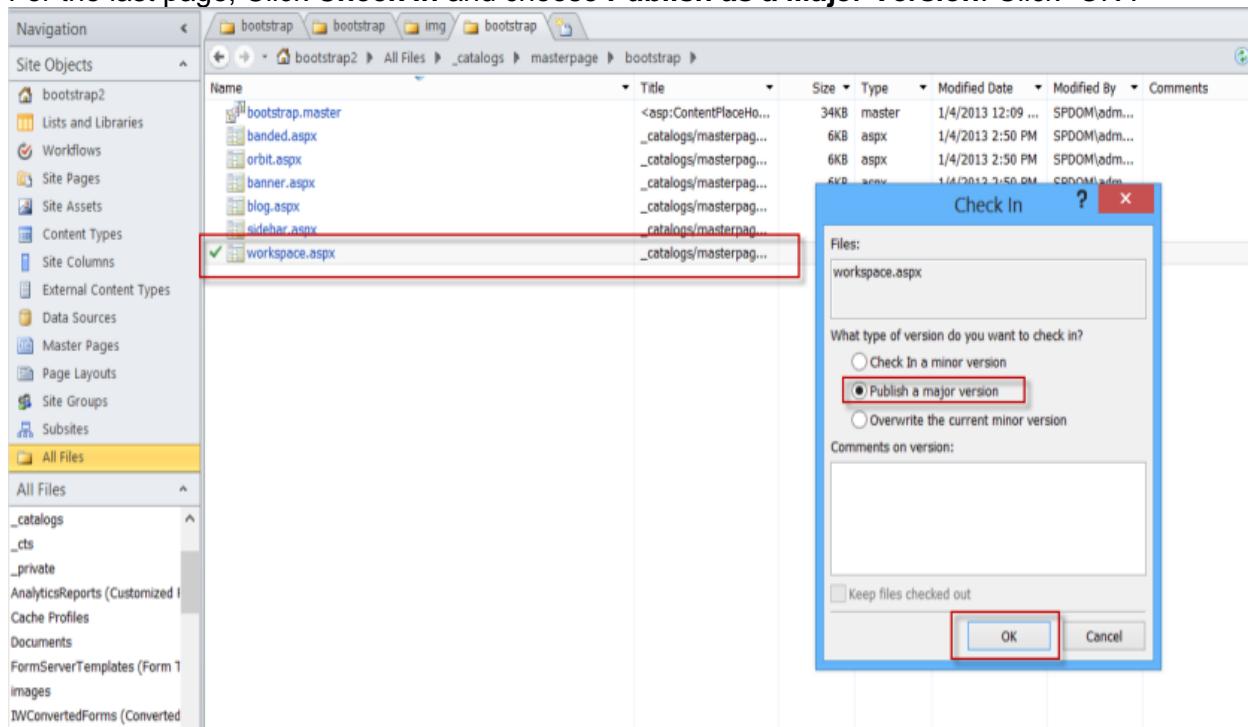
21. Click all but one of the newly uploaded layout pages (using Ctrl + left-click). Click **Check In**.



22. When the dialog box opens, choose **Check In as Minor Version** as you will need to update the page properties within the browser before publishing the pages. Click "OK".

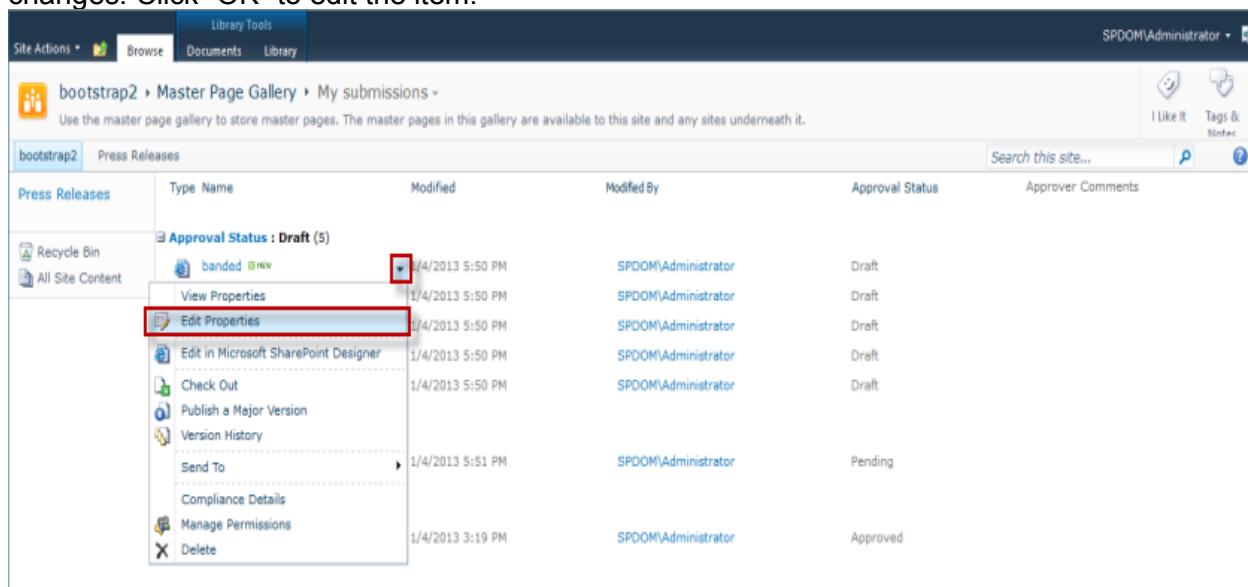


23. For the last page, Click **Check In** and choose **Publish as a Major Version**. Click “OK”.



24. When asked to approve the last page, click “yes”. This will open a browser window with all your pending pages to be approved.

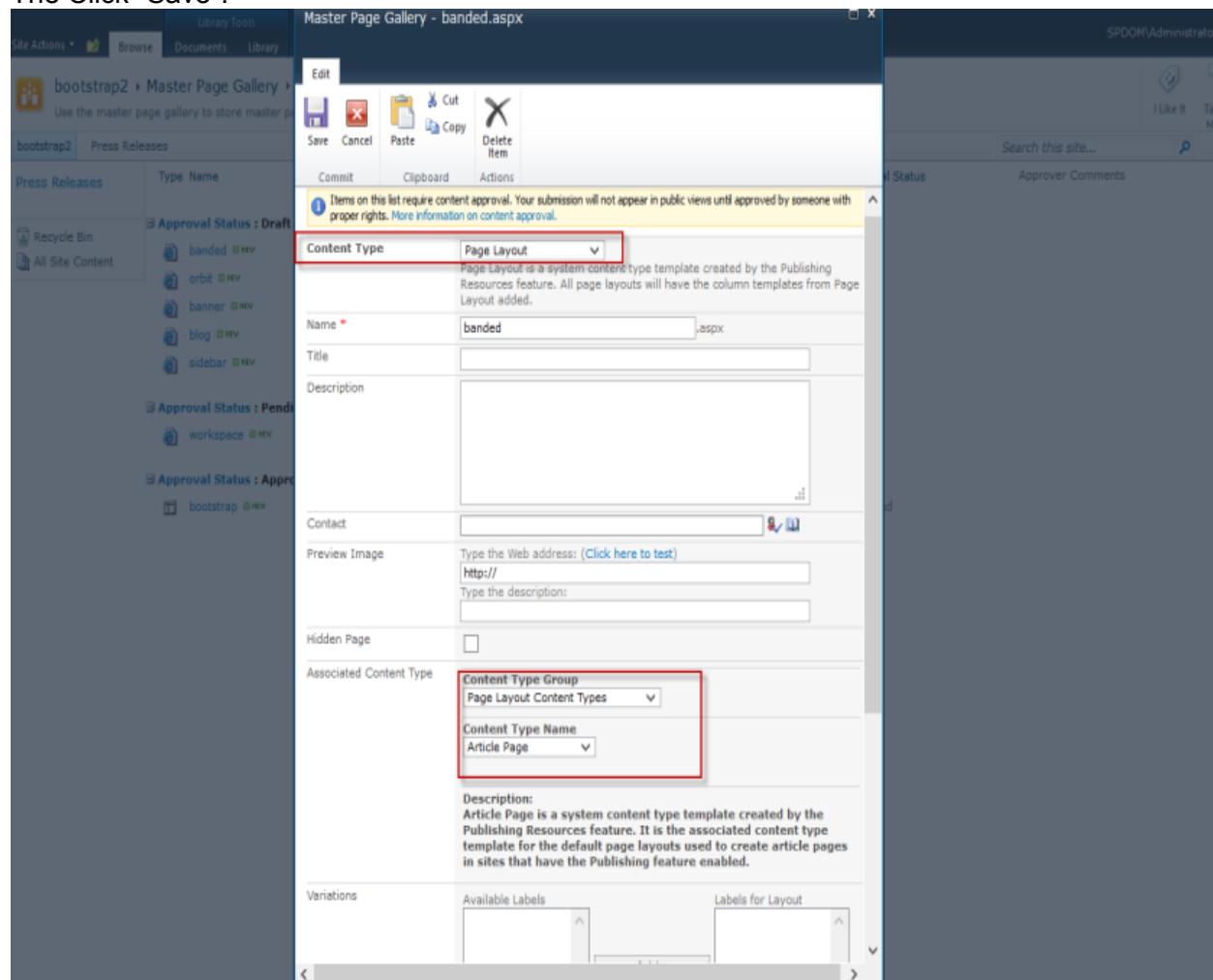
25. Before approving, we need to set the page content types. Right-click each newly updated layout pages one at a time and choose **Edit Properties**. You'll be asked to check out each item before making changes. Click "OK" to edit the item.



26. When the dialog box opens, make sure the following are selection:

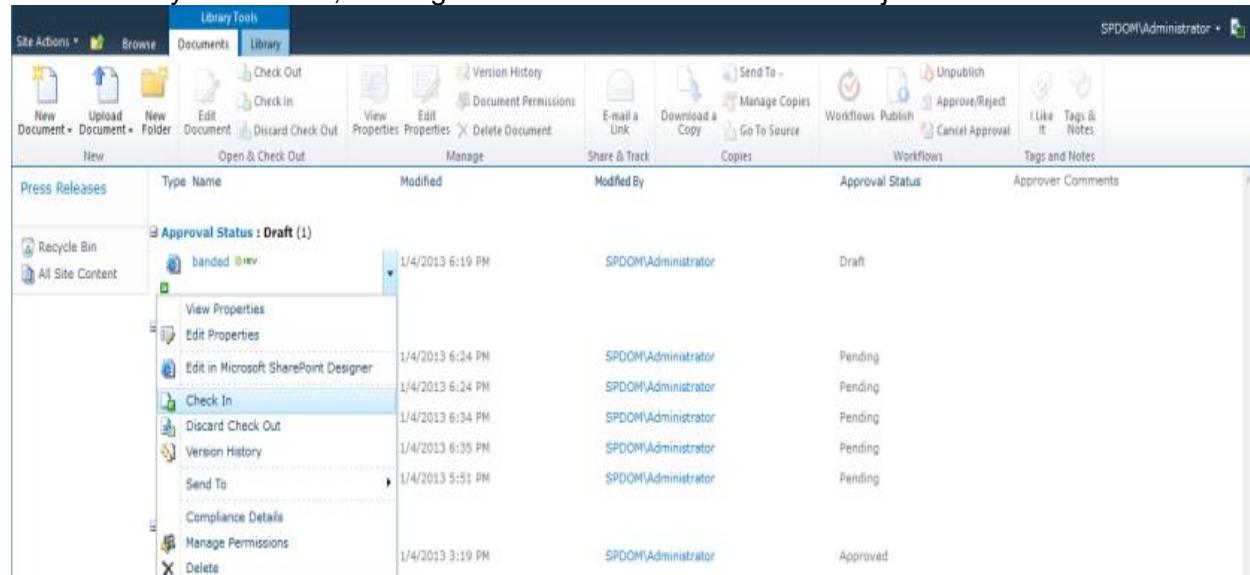
- **Content Type** should be **Page Layout**
- **Content Type Group** should be **Page Layout Content Types**
- **Content Type Name** should be **Article Page**

The Click “Save”.

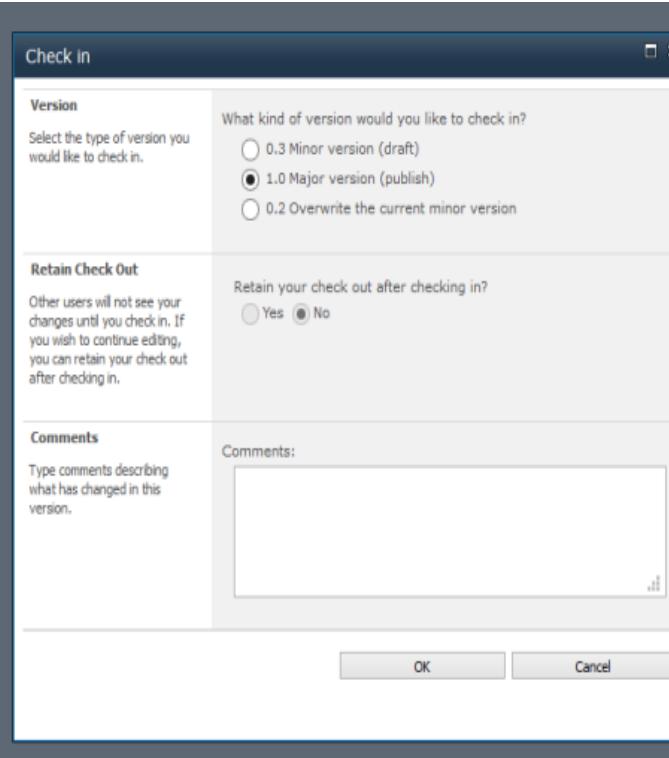


27. Repeat steps “24” and “25” for the remaining five page layouts.

28. While in the browser, right-click each page to **Check In** the item. You will get the option for what type of version you would like to check-in. Choose **Major Version**, which will also publish the item. (if, the file is already checked in, then right-click and select “Publish as Major Version”.

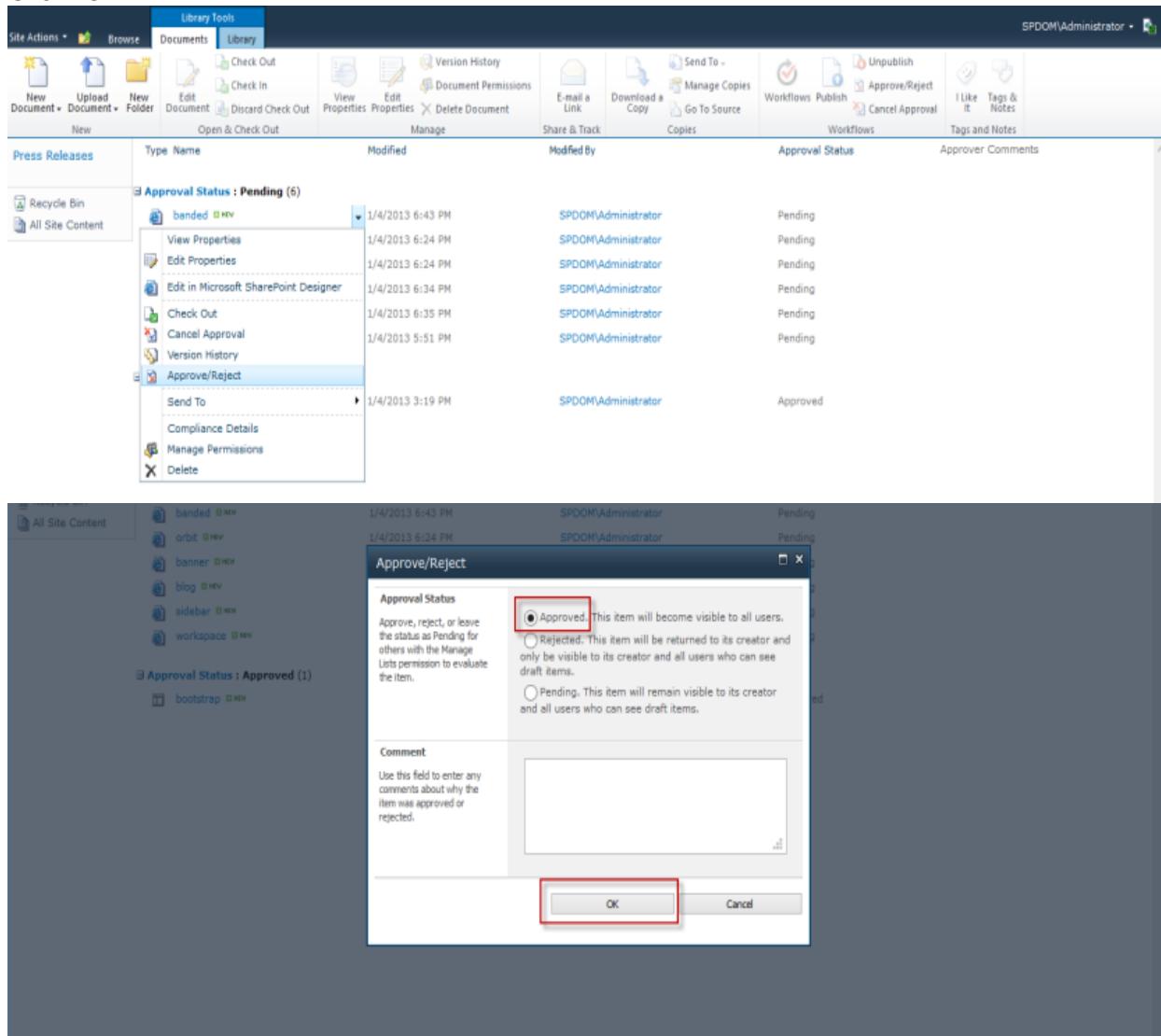


The screenshot shows a SharePoint library named 'Press Releases'. The document 'banded' is selected. A context menu is open, with 'Check In' highlighted. The menu also includes 'View Properties', 'Edit Properties', 'Edit in Microsoft SharePoint Designer', 'Discard Check Out', 'Version History', 'Send To', 'Compliance Details', 'Manage Permissions', and 'Delete'.

The 'Check in' dialog box is open. The 'Version' section asks 'What kind of version would you like to check in?'. It contains three radio buttons: '0.3 Minor version (draft)', '1.0 Major version (publish)' (selected), and '0.2 Overwrite the current minor version'. The 'Comments' section contains a text area with placeholder text 'Comments:'. At the bottom are 'OK' and 'Cancel' buttons.

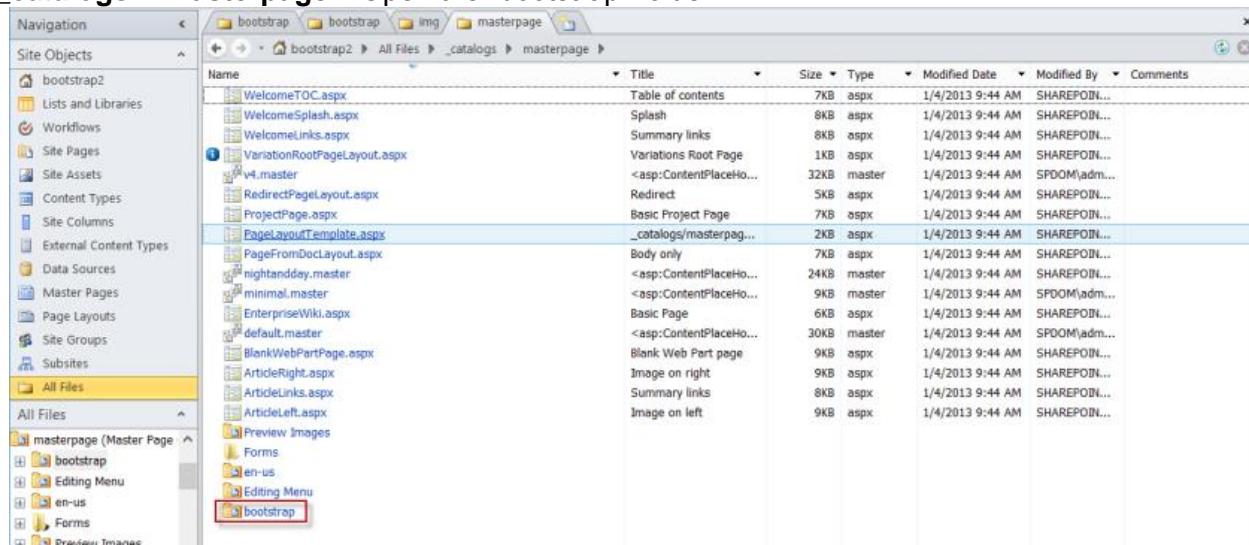
29. After all the page layout are Checked In and Published as Major Versions, you can approve the items, On the same page. Right-click and select **Approve/Reject**. In the dialog box, select **Approved**. The Click "OK".



30. You can set a Master Page to be the default master page for the site in SPD and/or the custom master page for the site in SPD.

The custom master page is the site master page and will be used by all publishing pages in your site (think front facing master page for site collection). Whereas the default master page is the system master page used for all forms and view pages in the site (think backend master page for site collection).

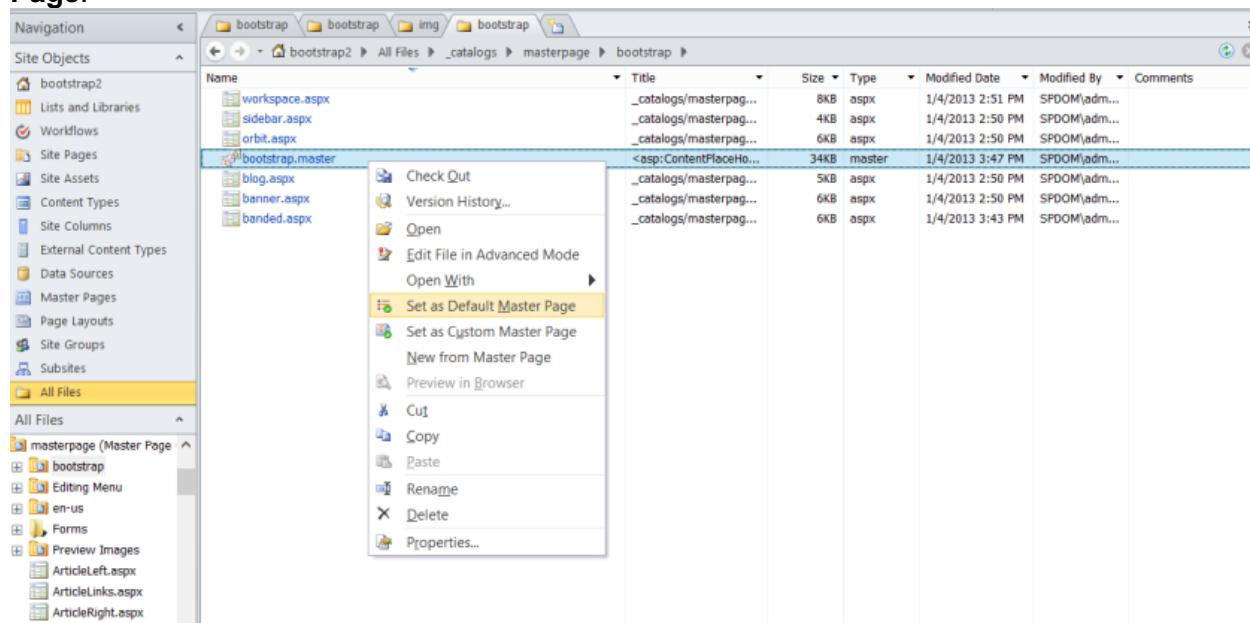
31. Go to root of your site. Choose **All Files** from the left navigation (or breadcrumbs at top). Go to **\_catalogs ->masterpage**". Open the "bootstrap" folder.



The screenshot shows the SharePoint Site Objects navigation pane. The 'bootstrap' folder is selected under 'masterpage (Master Page) > bootstrap'. The 'bootstrap' folder is highlighted with a red box. The list of files in the 'bootstrap' folder includes: WelcomeTOC.aspx, WelcomeSplash.aspx, WelcomeLinks.aspx, VariationRootPageLayout.aspx, v4.master, RedirectPageLayout.aspx, ProjectPage.aspx, PageLayoutTemplate.aspx, PageFromDocLayout.aspx, nightandday.master, minimal.master, EnterpriseWiki.aspx, default.master, BlankWebPartPage.aspx, ArticleRight.aspx, ArticleLinks.aspx, ArticleLeft.aspx, and Preview Images (Forms, en-us, Editing Menu). The 'bootstrap' folder itself is also highlighted with a red box.

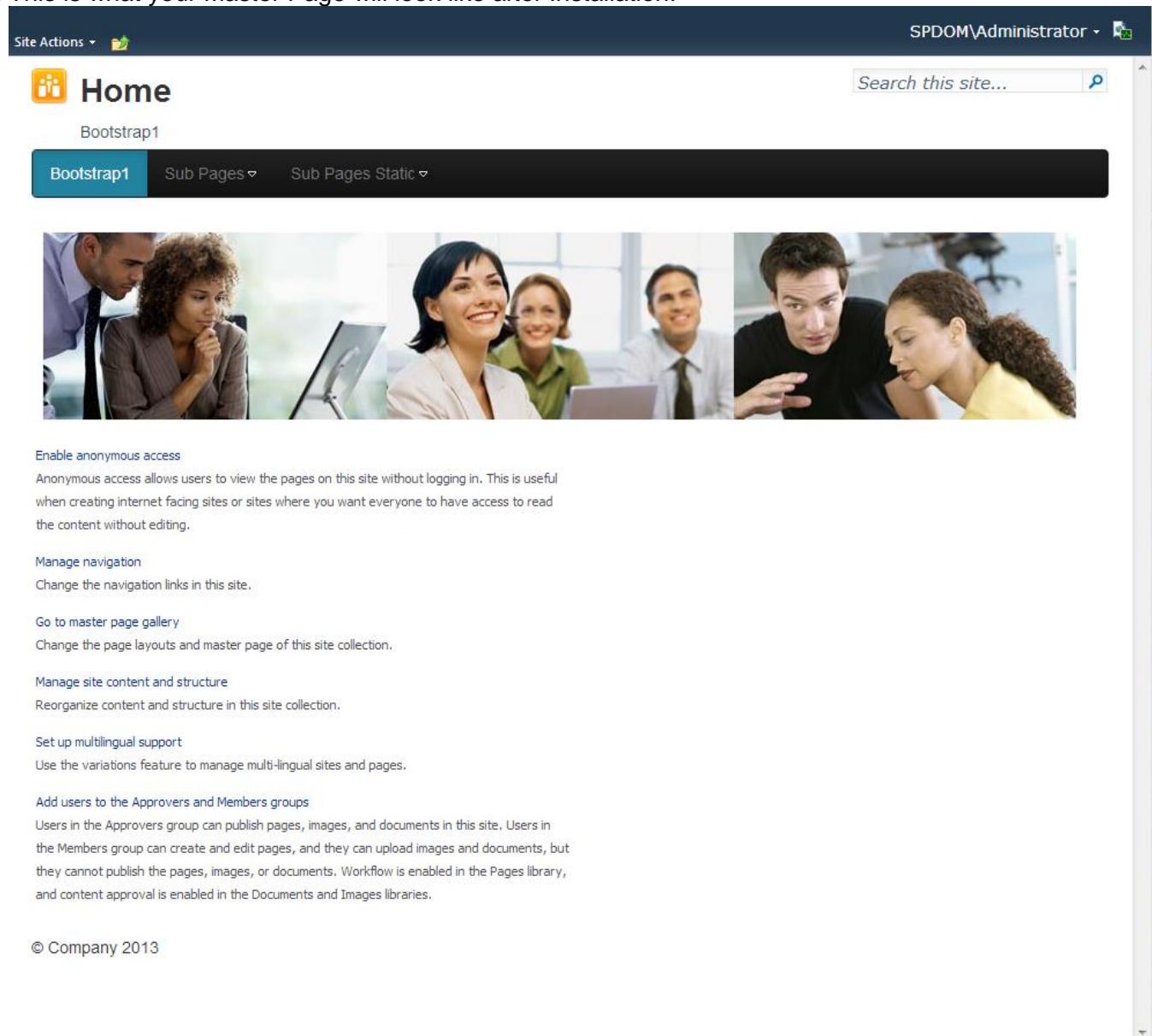
32. Right-click the masterpage you want as your default and click **Set as Default Master Page**.

33. Right-click the masterpage you want as your custom master page and click **Set as Custom Master Page**.



The screenshot shows the SharePoint Site Objects navigation pane. The 'bootstrap.master' file is selected under 'masterpage (Master Page) > bootstrap'. A context menu is open over the 'bootstrap.master' file, with the 'Set as Default Master Page' option highlighted with a yellow box. Other options in the context menu include: Check Out, Version History..., Open, Edit File in Advanced Mode, Open With, Set as Default Master Page (highlighted), Set as Custom Master Page, New from Master Page, Preview in Browser, Cut, Copy, Paste, Rename, Delete, and Properties... The 'bootstrap' folder is also highlighted with a red box.

34. This is what your Master Page will look like after Installation.



Site Actions  SPDOM\Administrator 

Home

Bootstrap1

Search this site... 

Bootstrap1 Sub Pages Sub Pages Static



Enable anonymous access

Anonymous access allows users to view the pages on this site without logging in. This is useful when creating internet facing sites or sites where you want everyone to have access to read the content without editing.

Manage navigation

Change the navigation links in this site.

Go to master page gallery

Change the page layouts and master page of this site collection.

Manage site content and structure

Reorganize content and structure in this site collection.

Set up multilingual support

Use the variations feature to manage multi-lingual sites and pages.

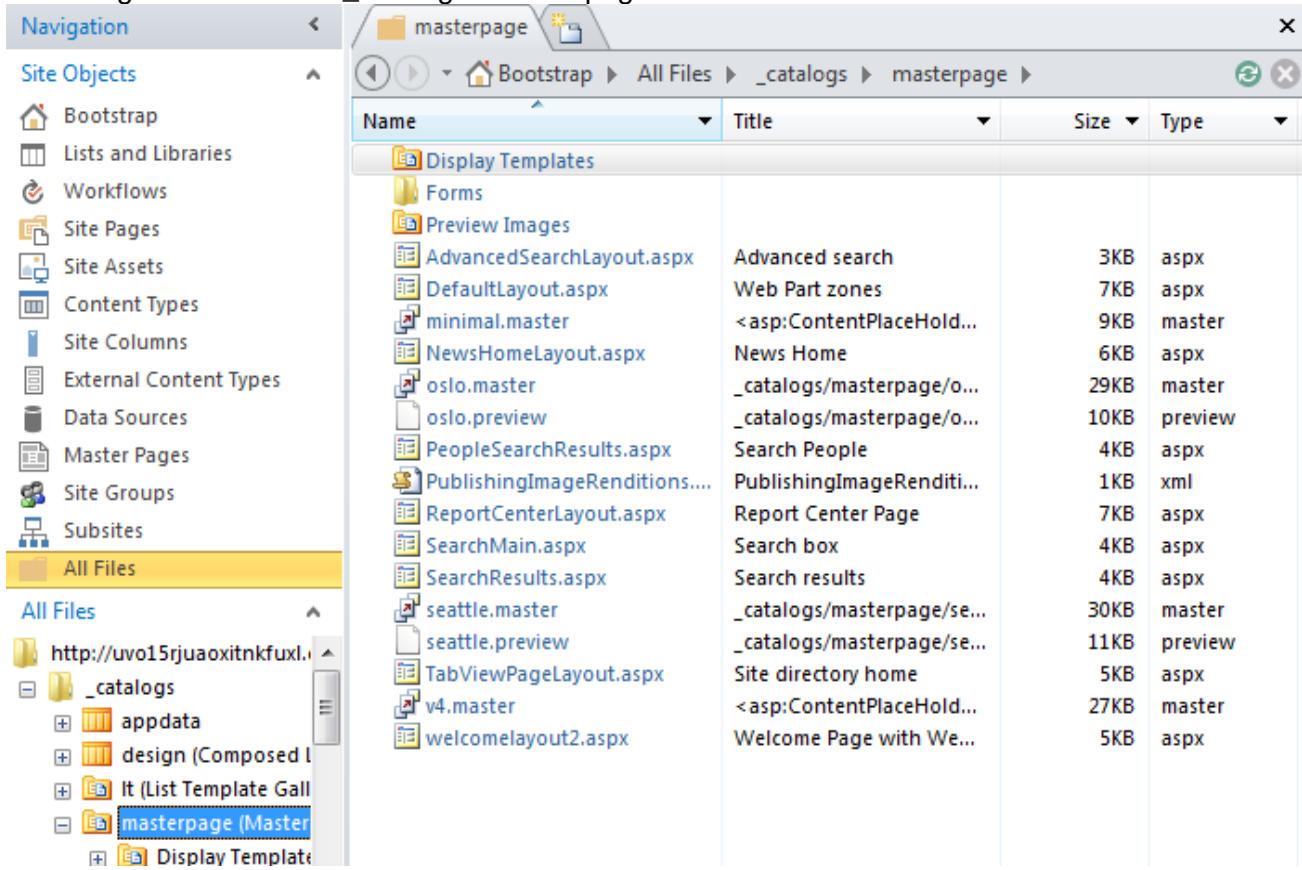
Add users to the Approvers and Members groups

Users in the Approvers group can publish pages, images, and documents in this site. Users in the Members group can create and edit pages, and they can upload images and documents, but they cannot publish the pages, images, or documents. Workflow is enabled in the Pages library, and content approval is enabled in the Documents and Images libraries.

© Company 2013

## Installing Bootstrap for Non-Publishing sites

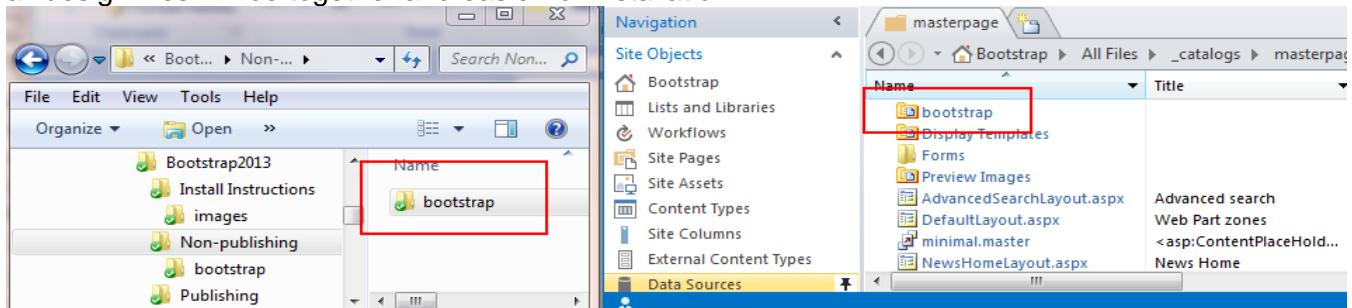
1. We are going to use SharePoint Designer 2013 to upload branding assets. Any web editor should work but we like SPD for this process. Open SharePoint Designer 2013 and then open your site collection and navigate to All files -> \_catalogs->masterpage.



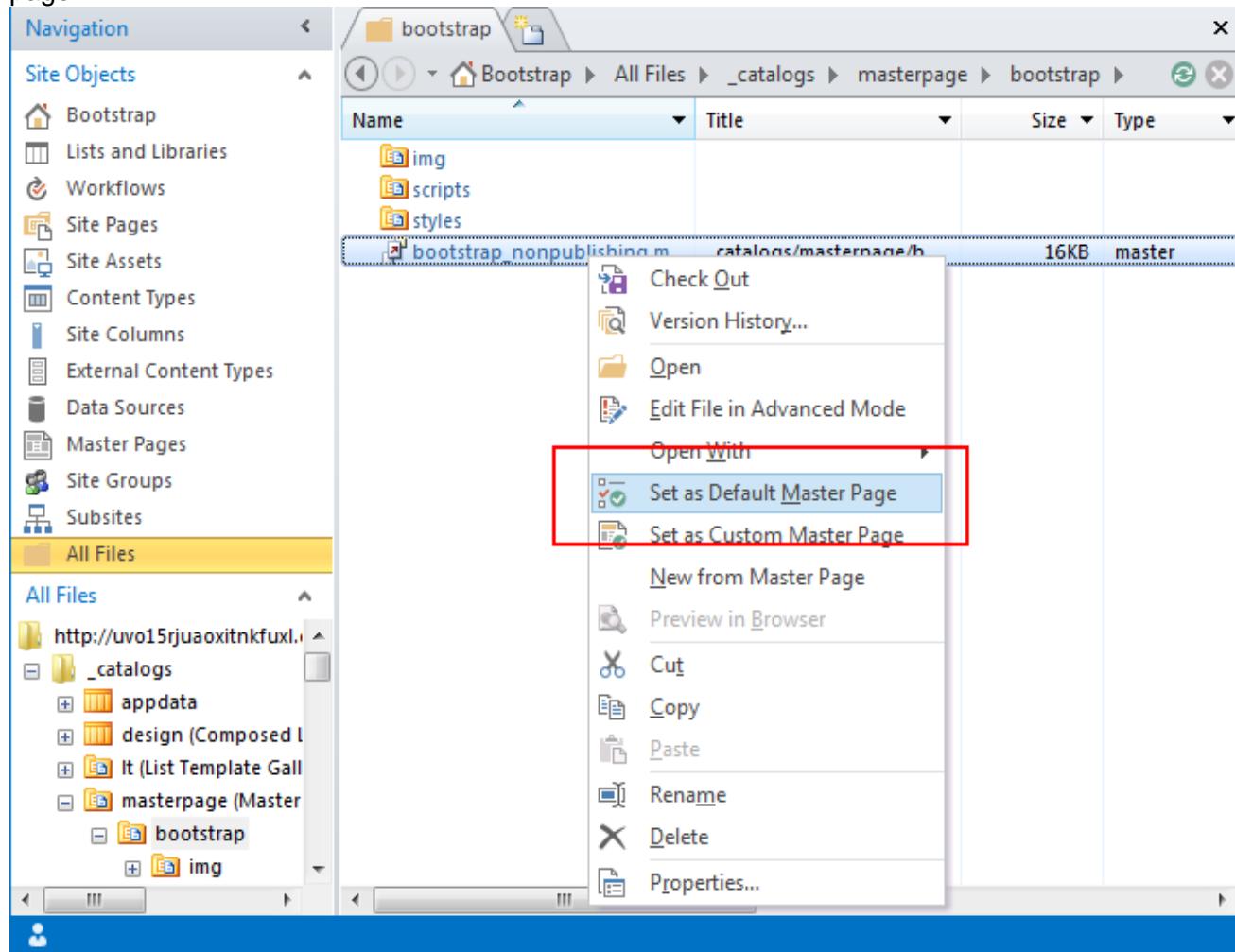
Name	Title	Size	Type
Display Templates			
Forms			
Preview Images			
AdvancedSearchLayout.aspx	Advanced search	3KB	aspx
DefaultLayout.aspx	Web Part zones	7KB	aspx
minimal.master	<asp:ContentPlaceHold...	9KB	master
NewsHomeLayout.aspx	News Home	6KB	aspx
oslo.master	_catalogs/masterpage/o...	29KB	master
oslo.preview	_catalogs/masterpage/o...	10KB	preview
PeopleSearchResults.aspx	Search People	4KB	aspx
PublishingImageRenditions....	PublishingImageRendit...	1KB	xml
ReportCenterLayout.aspx	Report Center Page	7KB	aspx
SearchMain.aspx	Search box	4KB	aspx
SearchResults.aspx	Search results	4KB	aspx
seattle.master	_catalogs/masterpage/se...	30KB	master
seattle.preview	_catalogs/masterpage/se...	11KB	preview
TabViewPageLayout.aspx	Site directory home	5KB	aspx
v4.master	<asp:ContentPlaceHold...	27KB	master
welcomelayout2.aspx	Welcome Page with We...	5KB	aspx

2. Open the Bootstrap2013\Non-publishing folder in Windows Explorer, "Copy" the "bootstrap" folder and paste this entire folder in the "masterpage" folder in SharePoint Designer.

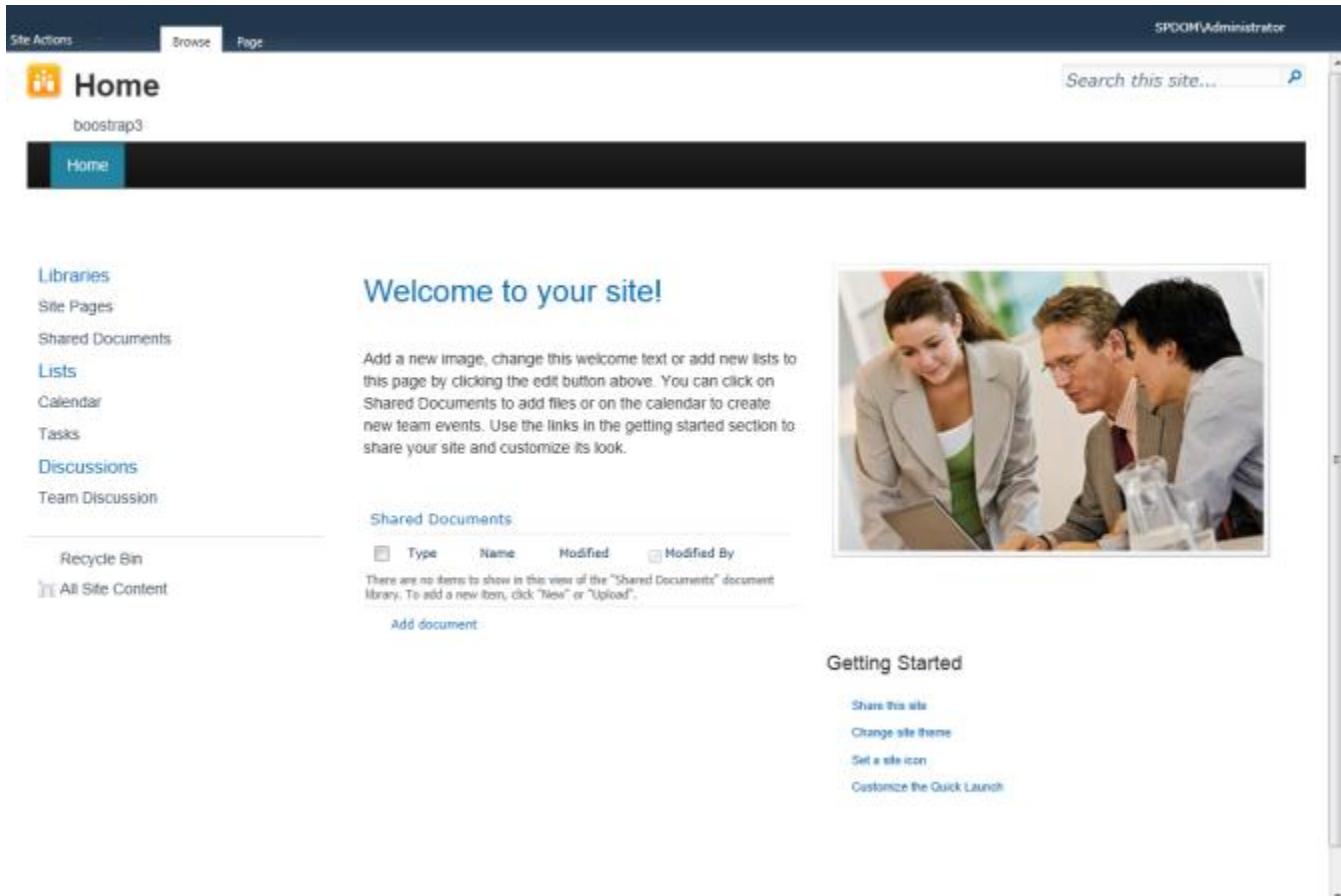
\*We have created a folder structure for all files associated with the Twitter Bootstrap Framework so that all design files will be together and easier for installation.



3. Open the bootstrap folder in SPD. Right click on the bootstrap\_nonpublishing.master and choose “Set as Default Master Page”. You may also wish to set this Master Page as your Custom Master Page as well but by default Collaboration sites, or sites without publishing enabled do not use the custom master page.

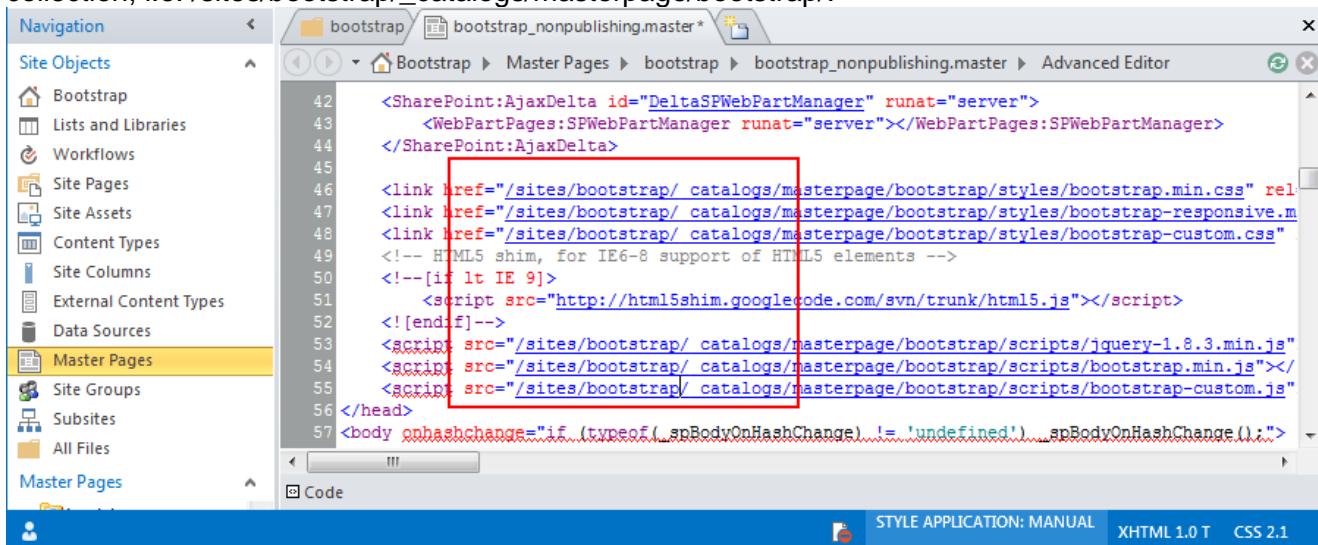


4. After you choose the default master page, go ahead and load your site in a browser. Assuming you have not made any changes to a default OOTB team site, you should see the following Responsive site.



The screenshot shows a SharePoint site with a Bootstrap master page. The left navigation bar includes 'Home', 'bootstrap3', 'Home', 'Libraries', 'Site Pages', 'Shared Documents', 'Lists', 'Calendar', 'Tasks', 'Discussions', 'Team Discussion', 'Recycle Bin', and 'All Site Content'. The main content area features a 'Welcome to your site!' message, a 'Shared Documents' list (which is empty), and a 'Getting Started' sidebar with links to 'Share this site', 'Change site theme', 'Set a site icon', and 'Customize the Quick Launch'.

5. **NOTE!!!** If your site collection is a path based site collection and not a host based site collection, i.e. <http://www.yourcompany.com/sites/bootstrap>, you will have to modify the Master Page to link the JavaScript and Style Library files correctly. To do this open the bootstrap\_nonpublishing.master page in SPD and around line 46 look for <link> and <script> tags that point to `/_catalogs/masterpage/bootstrap/...` You will need to update these urls to link to your path based site collection, i.e. `/sites/bootstrap/_catalogs/masterpage/bootstrap/`.



The screenshot shows the SharePoint Designer (SPD) interface with the 'bootstrap\_nonpublishing.master' file open in the Advanced Editor. The code editor highlights a section of the page head containing CSS and JavaScript links. A red box surrounds the following code block:

```

42 <SharePoint:AjaxDelta id="DeltaSPWebPartManager" runat="server">
43   <WebPartPages:SPWebPartManager runat="server"></WebPartPages:SPWebPartManager>
44 </SharePoint:AjaxDelta>
45
46 <link href="/sites/bootstrap/_catalogs/masterpage/bootstrap/styles/bootstrap.min.css" rel="stylesheet" type="text/css" />
47 <link href="/sites/bootstrap/_catalogs/masterpage/bootstrap/styles/bootstrap-responsive.min.css" rel="stylesheet" type="text/css" />
48 <link href="/sites/bootstrap/_catalogs/masterpage/bootstrap/styles/bootstrap-custom.css" rel="stylesheet" type="text/css" />
49 <!-- HTML5 shim, for IE6-8 support of HTML5 elements -->
50 <!--[if lt IE 9]>
51   <script src="http://html5shim.googlecode.com/svn/trunk/html5.js"></script>
52 <![endif]-->
53 <script src="/sites/bootstrap/_catalogs/masterpage/bootstrap/scripts/jquery-1.8.3.min.js" type="text/javascript"></script>
54 <script src="/sites/bootstrap/_catalogs/masterpage/bootstrap/scripts/bootstrap.min.js" type="text/javascript"></script>
55 <script src="/sites/bootstrap/_catalogs/masterpage/bootstrap/scripts/bootstrap-custom.js" type="text/javascript"></script>
56 </head>
57 <body onhashchange="if (typeof(spBodyOnHashChange) != 'undefined') spBodyOnHashChange();" onunload="spBodyOnHashChange()">

```

# Using Bootstrap for SharePoint 2010

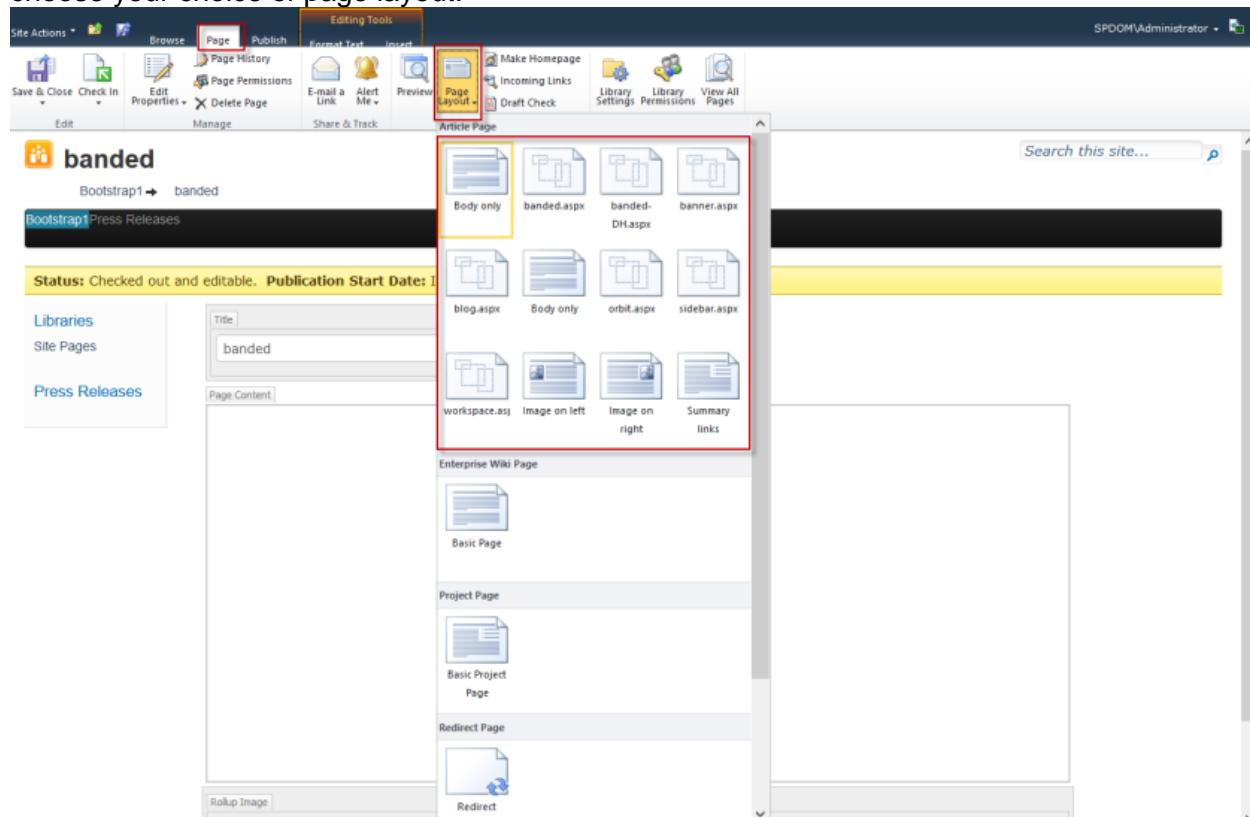
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## Choosing a Page Layout:

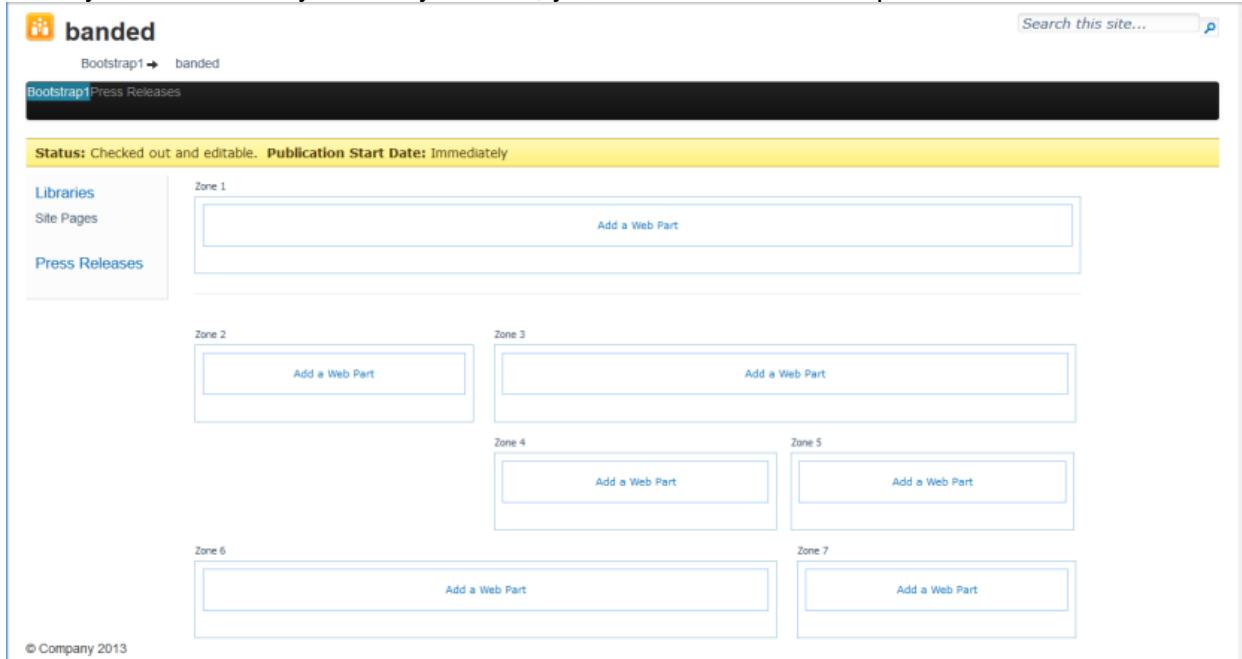
1. There are six page layouts for you to choose from with this framework.



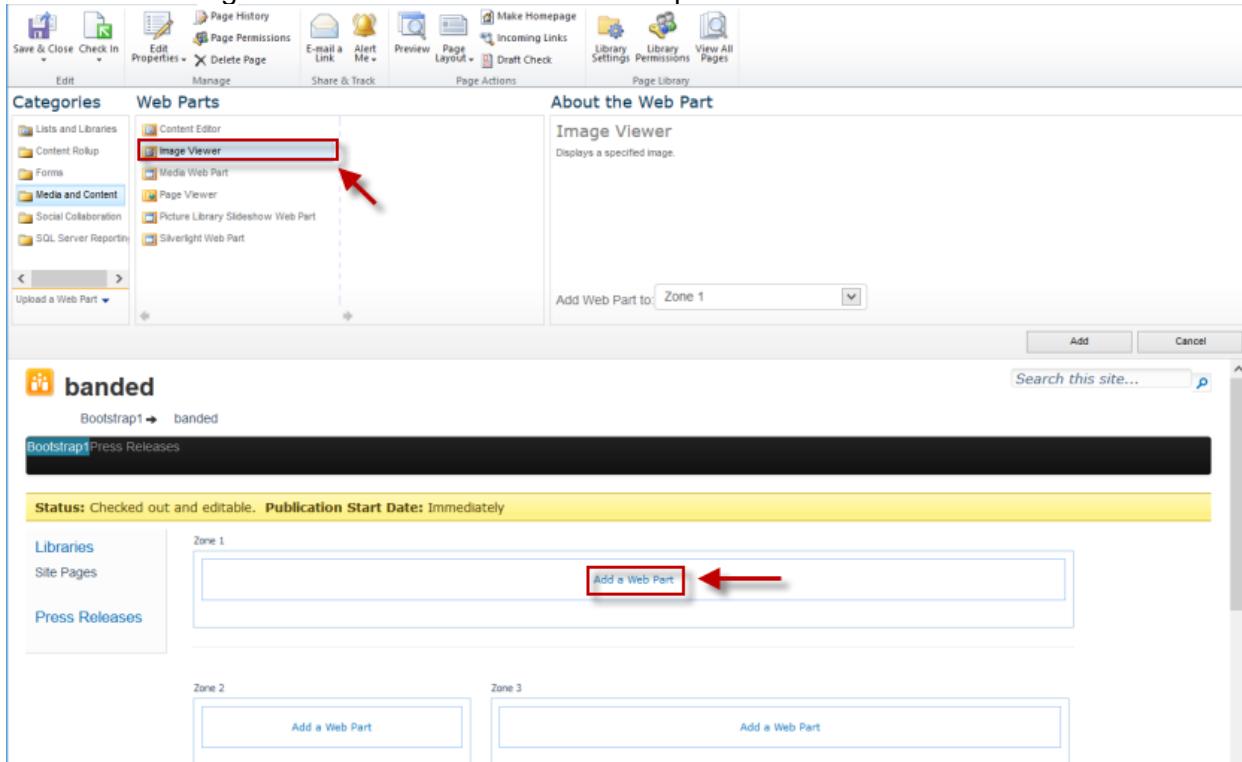
2. Open a page in your site (should be in the “pages” folder) and in Edit mode, within the “Pages” tab, choose your choice of page layout.



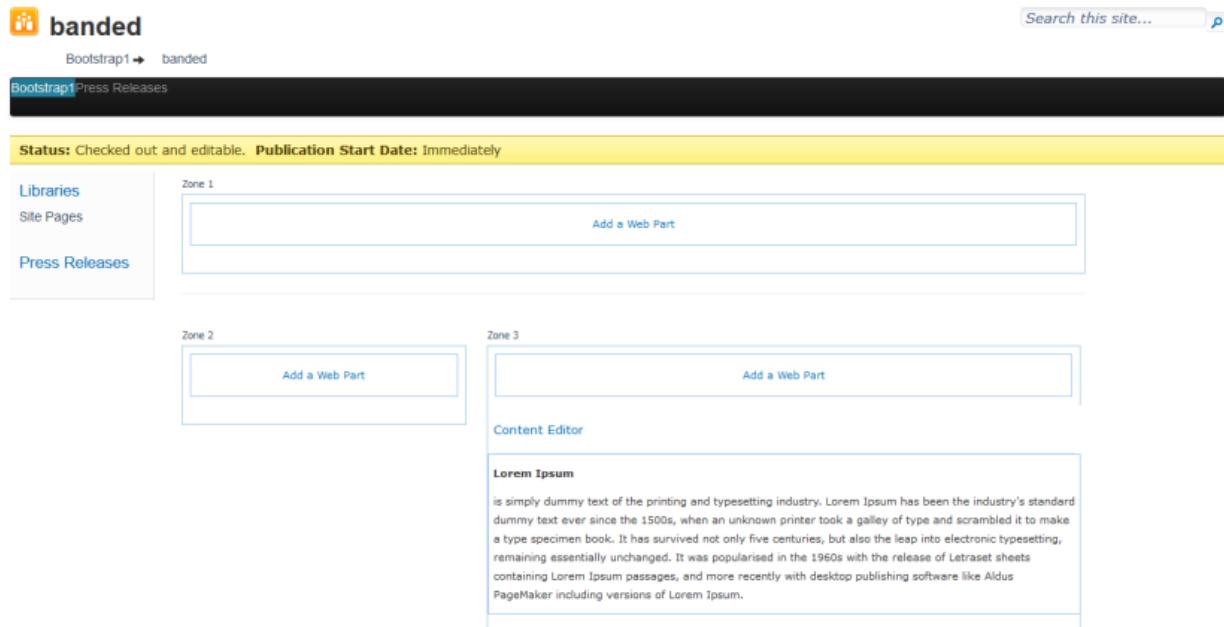
3. Once you chose the layout that you want, you will see several web part zones.



4. You can now choose the zone that you want and click "Add a Web Part" The template examples were created with Image Viewer and Content Editor web parts.



5. Once you choose your web part, you can add your content. When finished with the page, remember to save and check-in your page. You can then choose to publish the page or site.



**banded**

Bootstrap1 → banded

Bootstrap Press Releases

Status: Checked out and editable. Publication Start Date: Immediately

Libraries Site Pages Press Releases

Zone 1

Zone 2

Zone 3

Add a Web Part

Add a Web Part

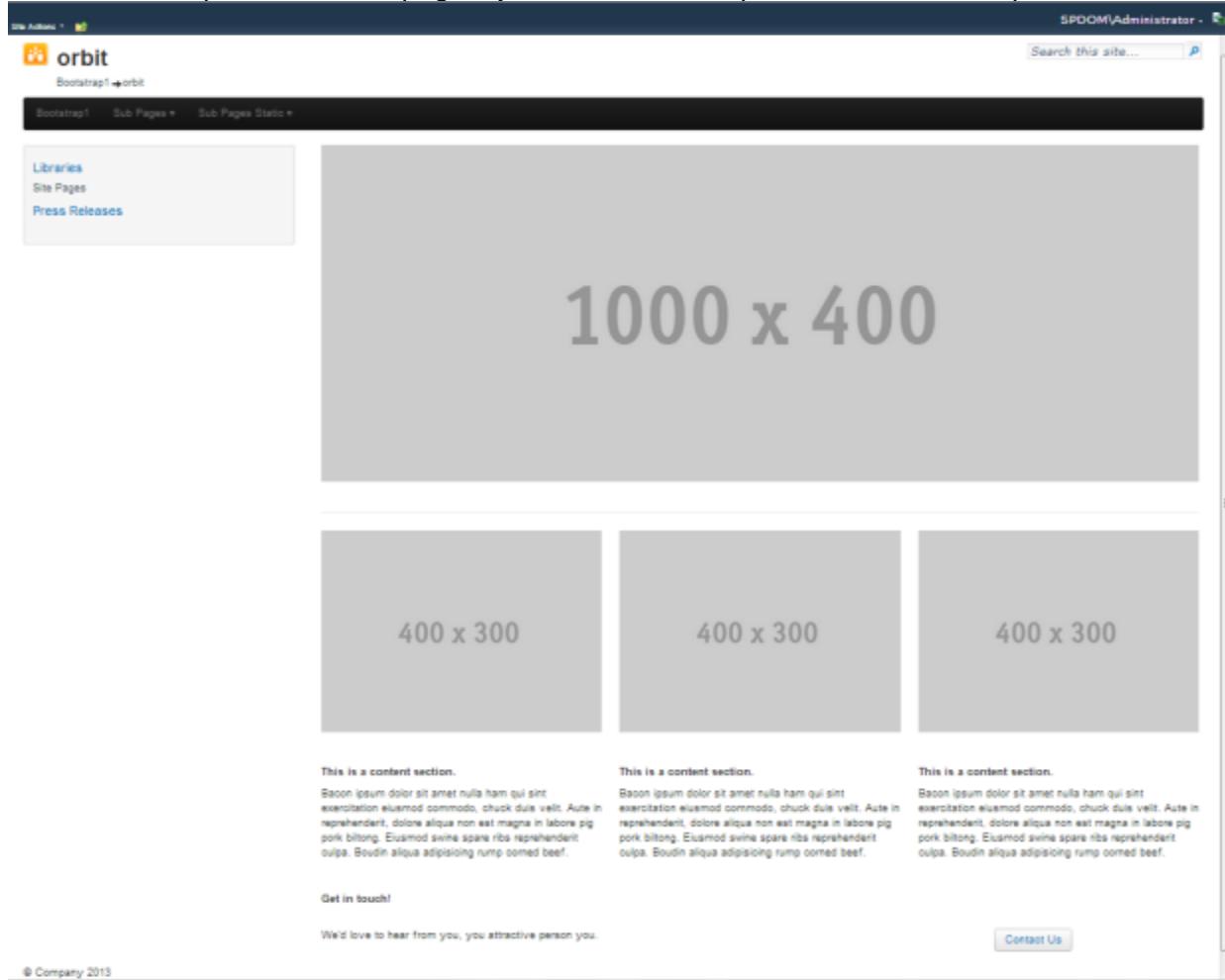
Add a Web Part

Content Editor

**Lorem Ipsum**

is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

6. Here is an example of the Orbit page layout once the web parts have been completed.



SPDOM\Administrator

Search this site...

orbit

Bootstrap1 → orbit

Bootstrap Sub Pages Sub Pages Static

Libraries Site Pages Press Releases

1000 x 400

400 x 300 400 x 300 400 x 300

This is a content section.

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Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck duis velit. Aute in reprehenderit, dolore aliqua non est magna in labore pig pork biltong. Euasmod avinae spare ribs reprehenderit culpa. Boudin aliqua adipisioing rump corned beef.

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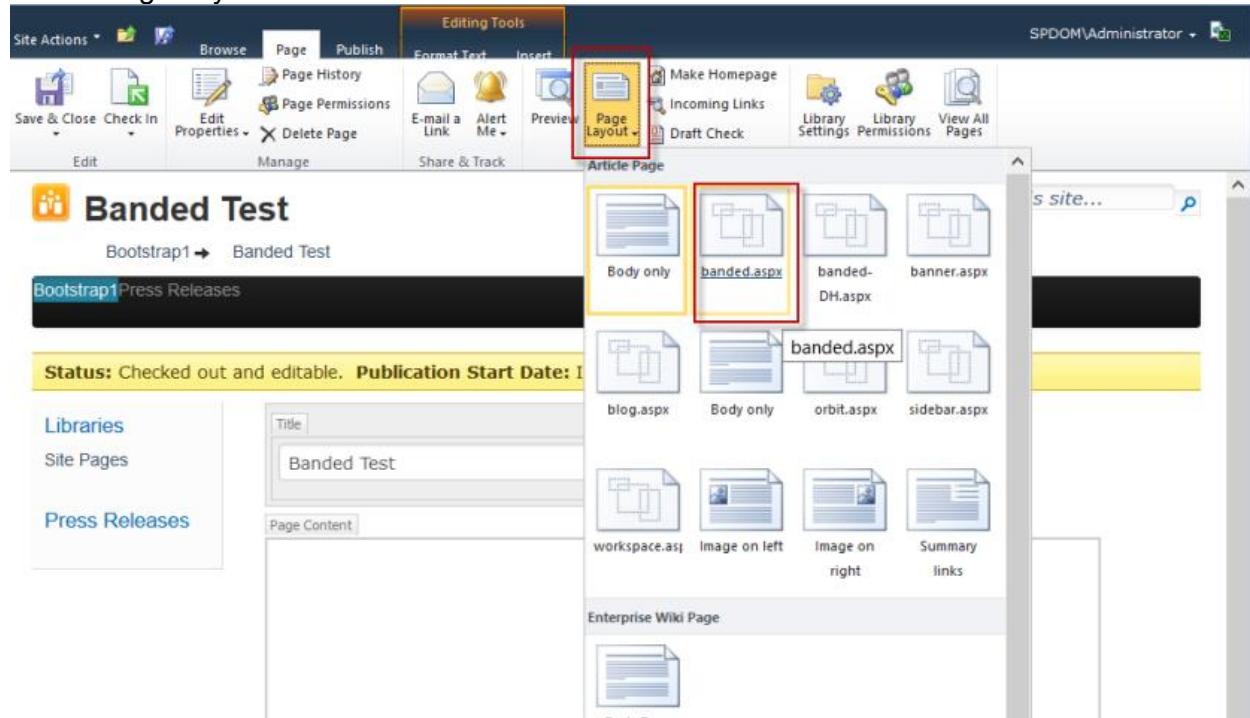
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## Using a Page Layout

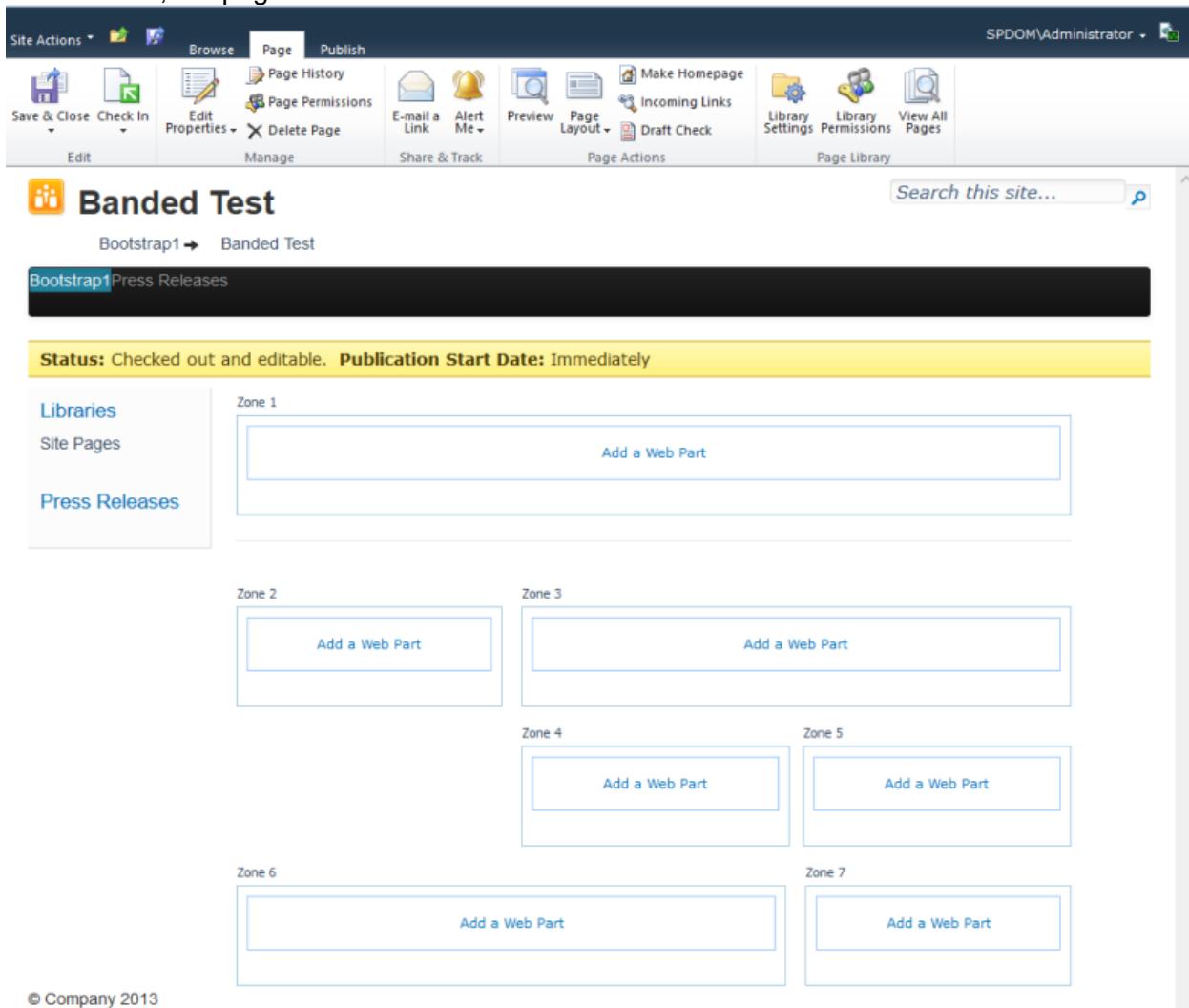
The best way to describe how to use a page layout is with an example. In the installation page, within the “PageLayoutSampleContent” directory you should find a sub directory, one each for each page layout provided as a part of Bootstrap for SharePoint 2010. Within each page layout sub directory you will find a text file for each web part zone that the page layout contains. Below are screenshots of how each page layout should look when applied to a page, and each web part zone has the sample content added.

We use two different web parts for demonstration purposes, an Image Viewer and a Content Editor. We normally would recommend using Content Types for images and content for a given page layout, but for our purposes here, the web parts make it easier for you to deploy and get running.

1. As an example we will create a new page, use the “banded” page layout and add web parts and content to the zones as provided in the PageLayoutSampleContent\banded directory. So first, create a new page, name it “Banded Test”, then once the page has been created, click on the “Page” tab, and under “Page Layout” select “banded”.



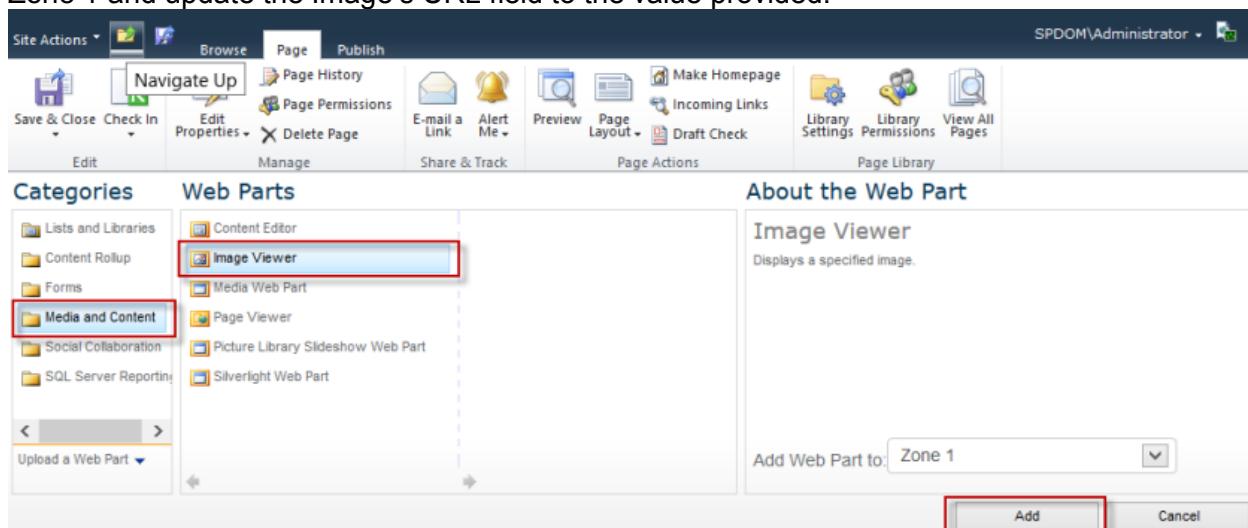
2. In edit mode, the page should now look like:



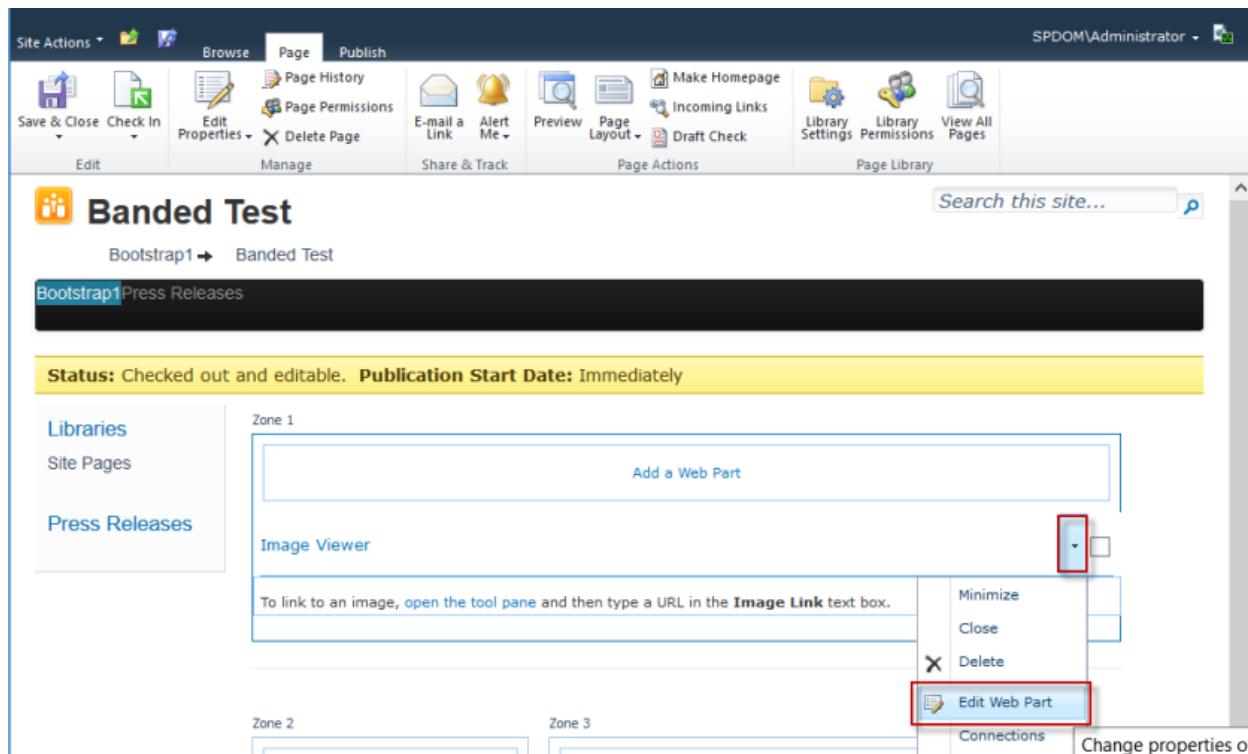
The screenshot shows a SharePoint page titled "Banded Test" in edit mode. The top navigation bar includes "Site Actions", "Browse", "Page" (selected), and "Publish" tabs. Below the navigation are "Edit" and "Manage" buttons. The page content area has a yellow banner at the top stating "Status: Checked out and editable. Publication Start Date: Immediately". On the left, a navigation bar lists "Libraries", "Site Pages", and "Press Releases" (selected). The main content area contains 7 empty web part zones labeled Zone 1 through Zone 7, each with an "Add a Web Part" button. The zones are arranged in a grid: Zone 1 (top left), Zone 2 (top middle), Zone 3 (top right), Zone 4 (middle left), Zone 5 (middle right), Zone 6 (bottom left), and Zone 7 (bottom right).

3. We will now add one web part to each web part zone. Open this package in Windows Explorer and in the `Bootstrap2010\PageLayoutSampleContent\banded` directory you will find 7 files, named `zone1.txt` through `zone7.txt`. The `zone1.txt` file corresponds to Zone 1, `zone2.txt` corresponds to Zone 2, etc. Open `zone1.txt`. You will find two primary parts. The top of the file contains the web part that should be added to the Web Part Zone in question. The second part, after either "URL" or "html" provided you the "Data" that should be provided to the web part zone. We will add a web part to Zone 1 and Zone 3 and leave the rest for you as an exercise.

4. Bootstrap2013\PageLayoutSampleContent\banded\zone1.txt. We will add an Image Viewer web part to Zone 1 and update the Image's URL field to the value provided.



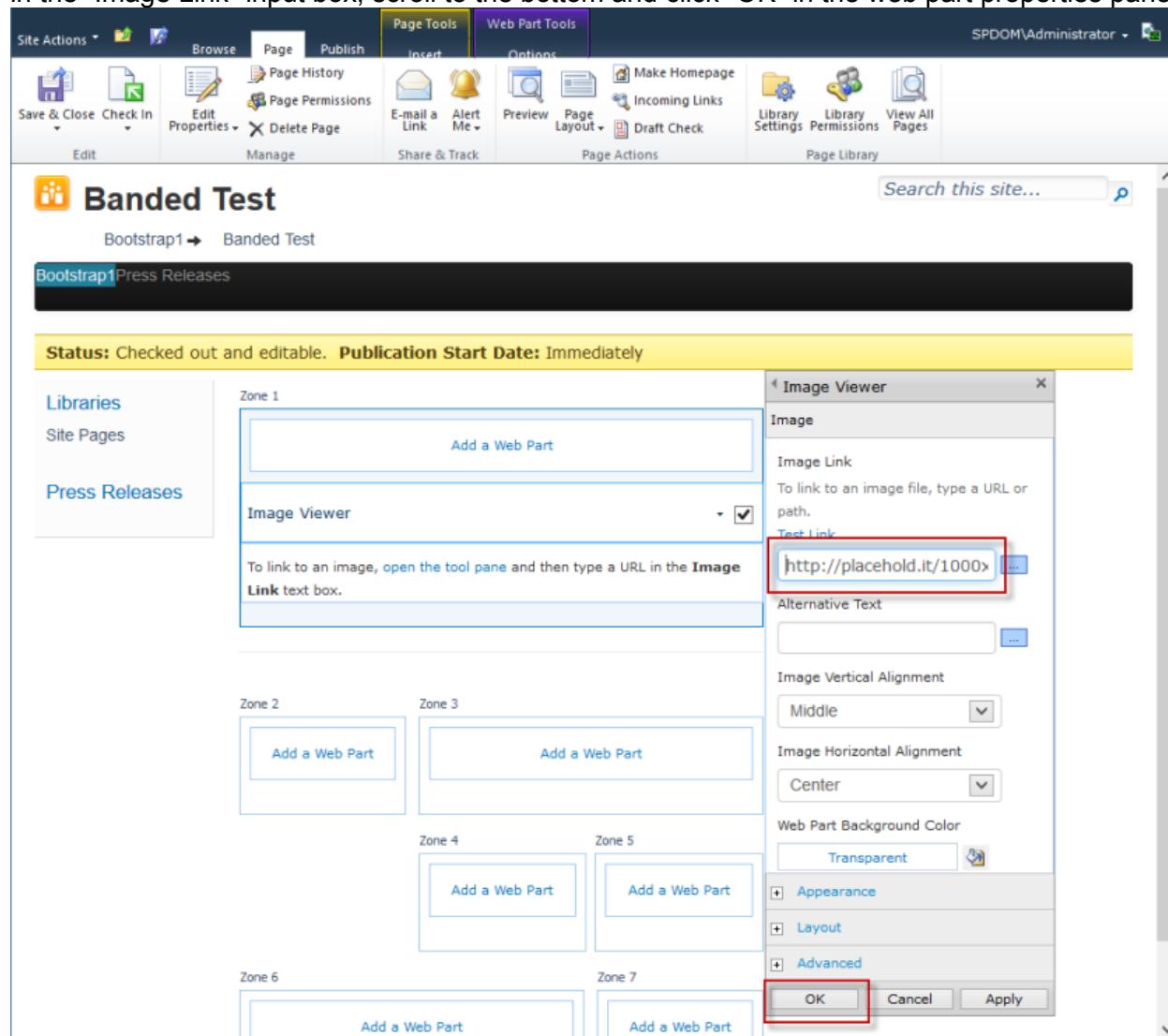
Click "Add" to add the web part.



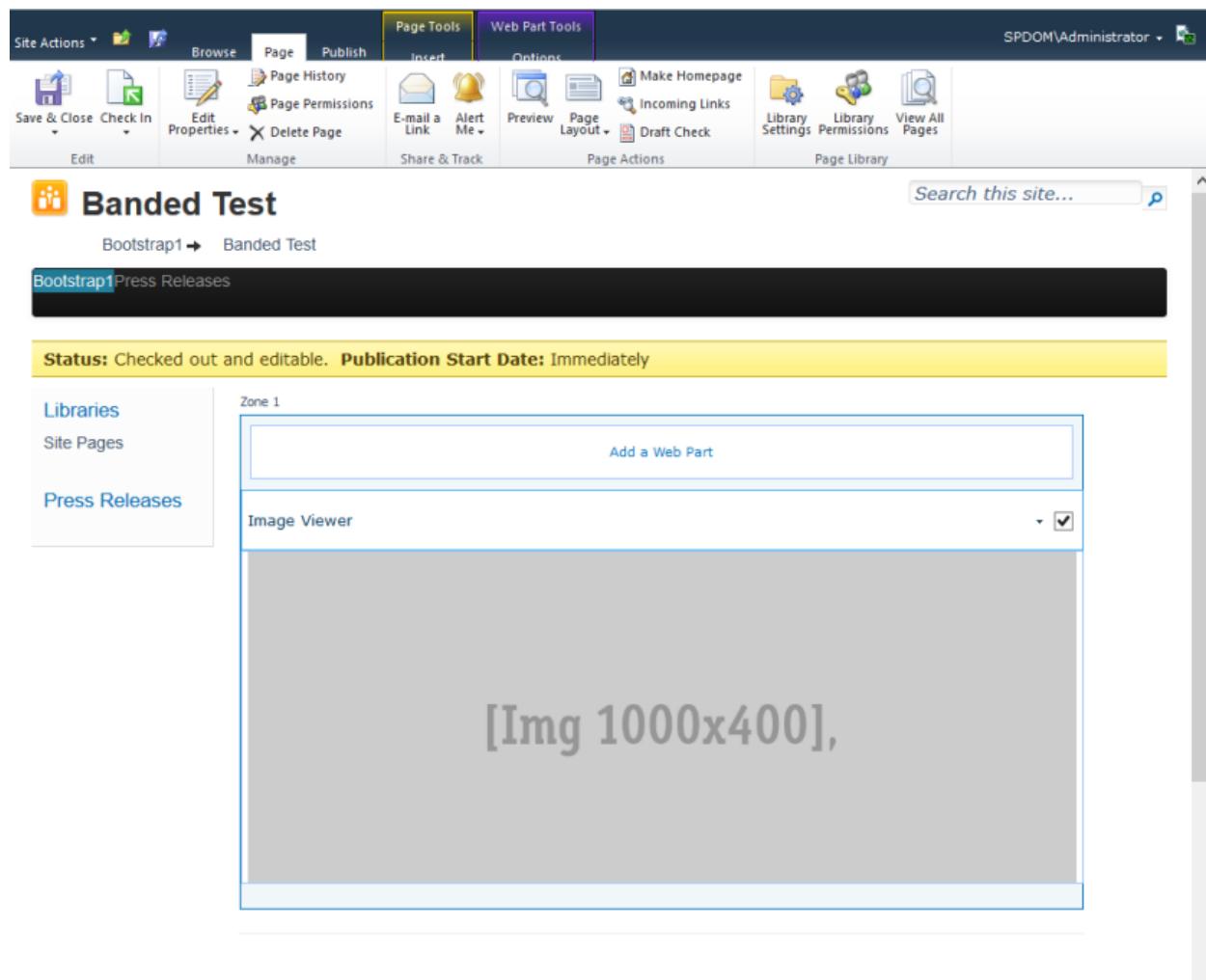
Once the Web Part has been added, hover over the web part title "Image Viewer" and click on the down arrow found to the right, then click on "Edit Web Part".

5.

Using the URL value, [http://placeholder.it/1000x400&text=\[Img%201000x400\]](http://placeholder.it/1000x400&text=[Img%201000x400]), from zone1.txt, place this in the “Image Link” input box, scroll to the bottom and click “OK” in the web part properties pane.



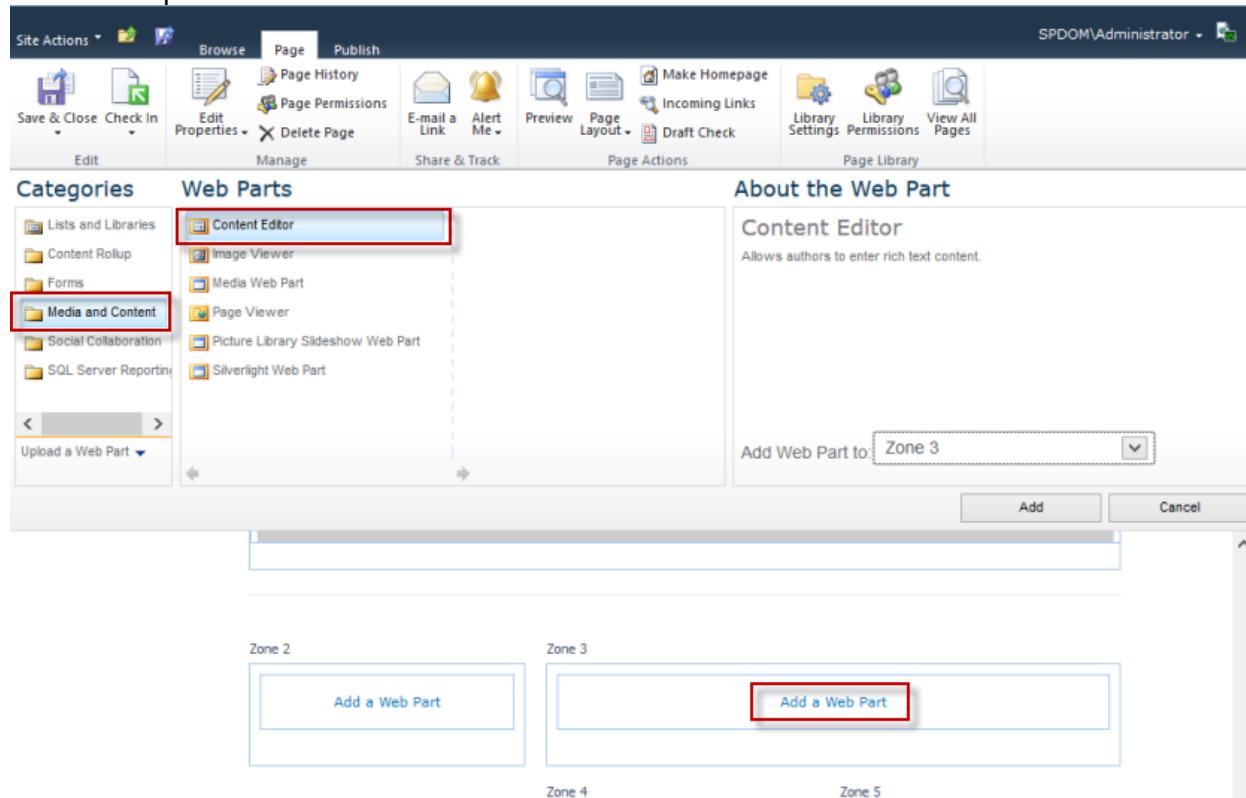
The screenshot shows a SharePoint page titled "Banded Test" with a breadcrumb trail "Bootstrap1 → Banded Test". The left navigation bar includes "Libraries", "Site Pages", and "Press Releases". The page content area has seven zones: Zone 1, Zone 2, Zone 3, Zone 4, Zone 5, Zone 6, and Zone 7. Zone 1 contains an "Image Viewer" web part. The "Image Link" input field in the properties pane of this web part is highlighted with a red box and contains the URL "http://placeholder.it/1000x400&text=[Img%201000x400]". The "OK" button in the properties pane is also highlighted with a red box.



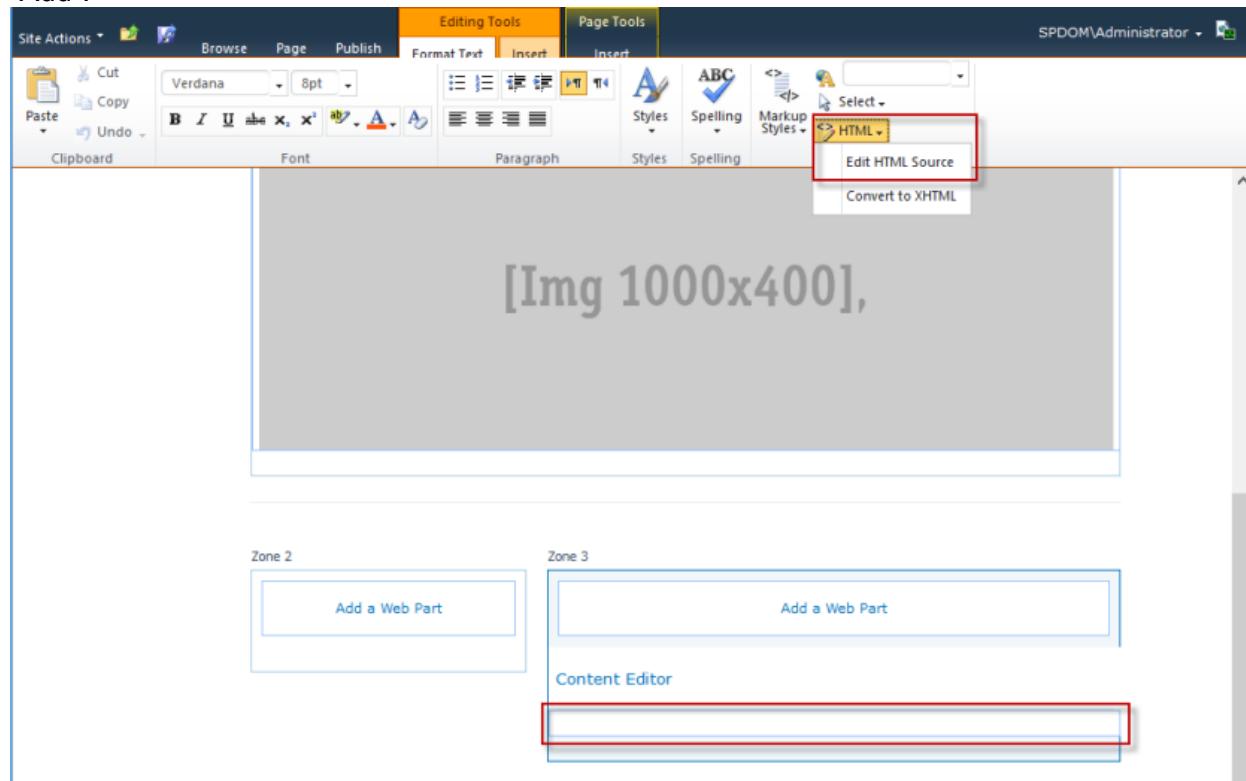
Site Actions Page Tools Insert Options SPDOM\Administrator   
Save & Close Edit Properties Manage E-mail a Link Alert Me Preview Page Layout Share & Track Page Actions Page Library   
**Banded Test**  
Bootstrap1 → Banded Test  
Bootstrap1 Press Releases  
  
**Status:** Checked out and editable. **Publication Start Date:** Immediately  
  
Libraries Site Pages Press Releases  
  
Zone 1 Add a Web Part  
  
Image Viewer   
[Img 1000x400],,

The image should now be in the web part zone.

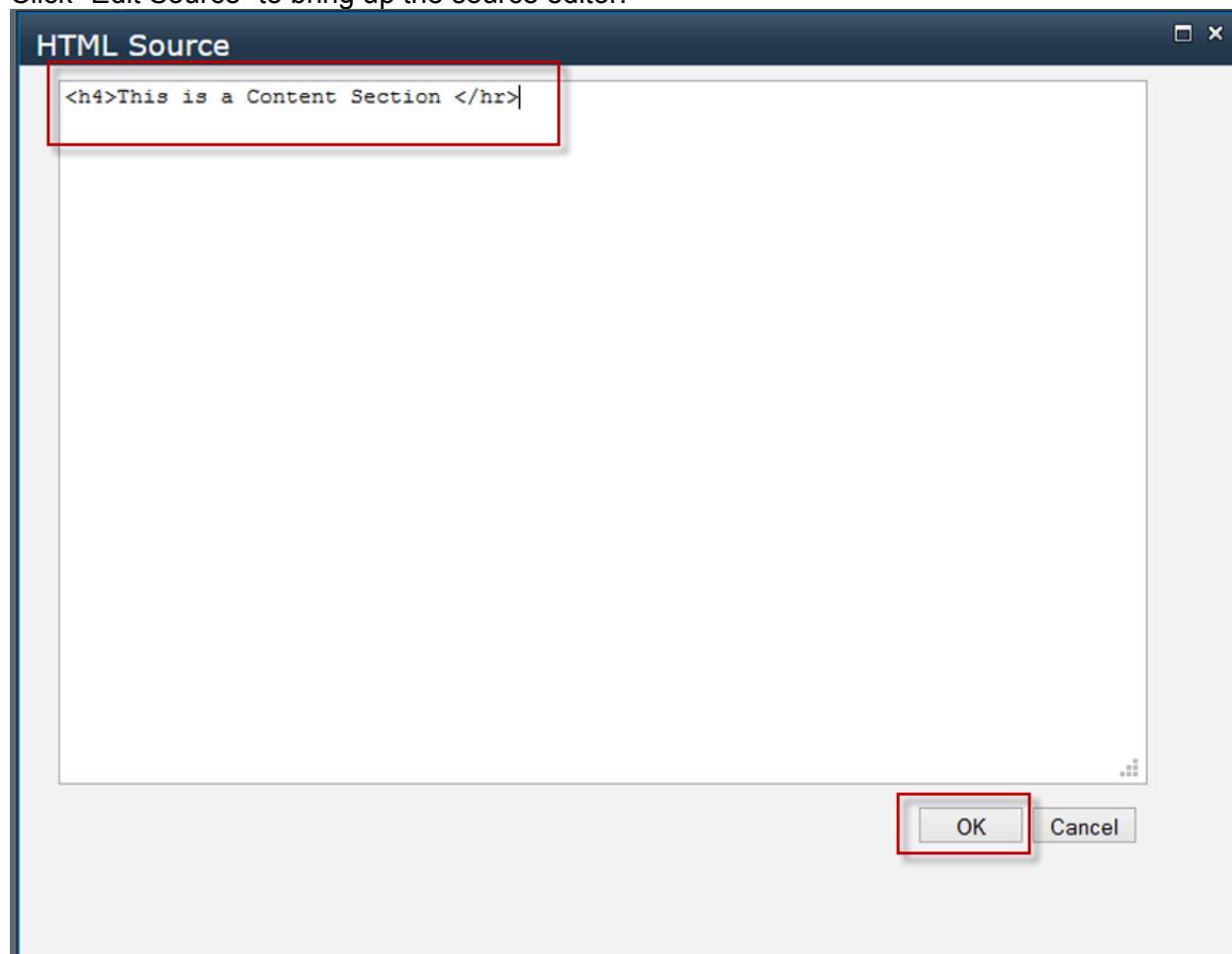
6. Bootstrap2010\PageLayoutSampleContent\banded\zone3.txt. Since zone2.txt is similar to zone1.txt, we will skip to zone3.txt. We will add a Content Editor web part to Zone 3 and update its HTML source to the content provided.



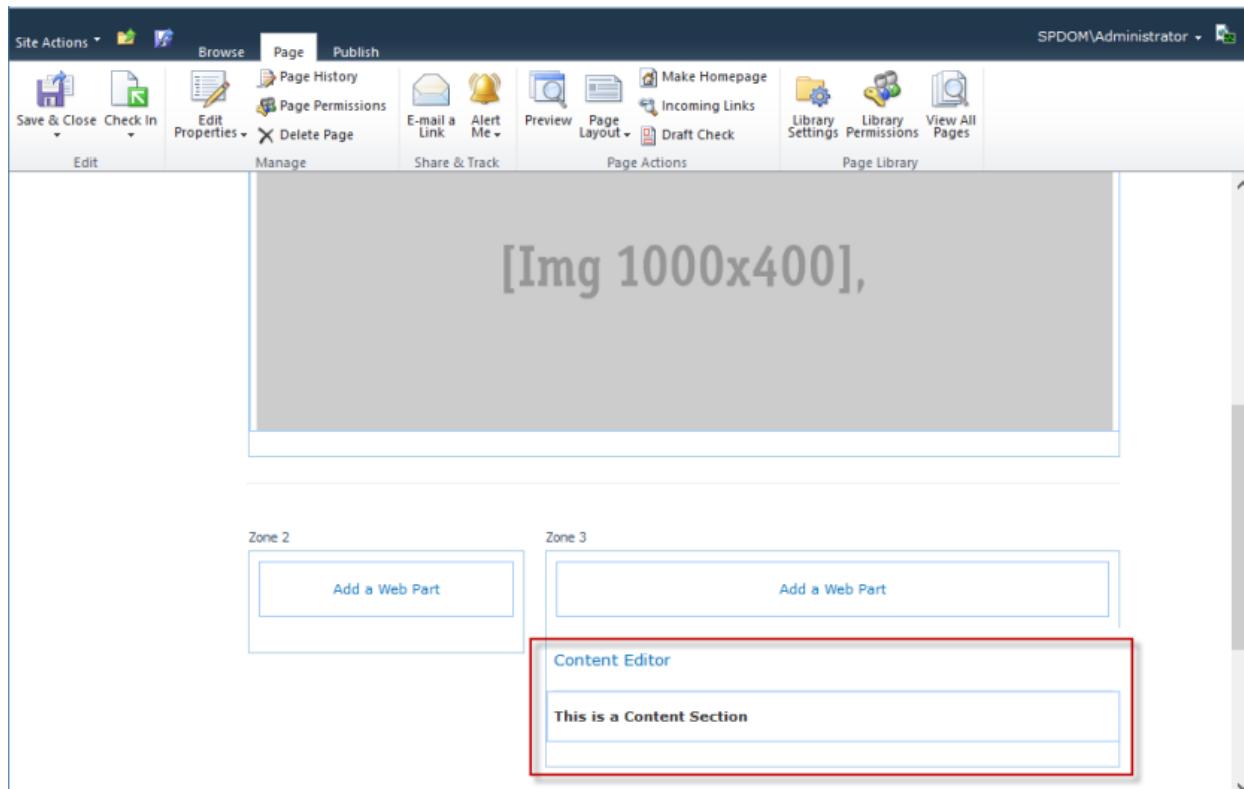
Click on “Add a Web Part” in Zone 3, then under “Media and Content” select “Content Editor” and finally “Add”.



Click anywhere within “Content Editor” in Zone 3. This will bring up the “Format Text” Tab in the ribbon.  
Click “Edit Source” to bring up the source editor.



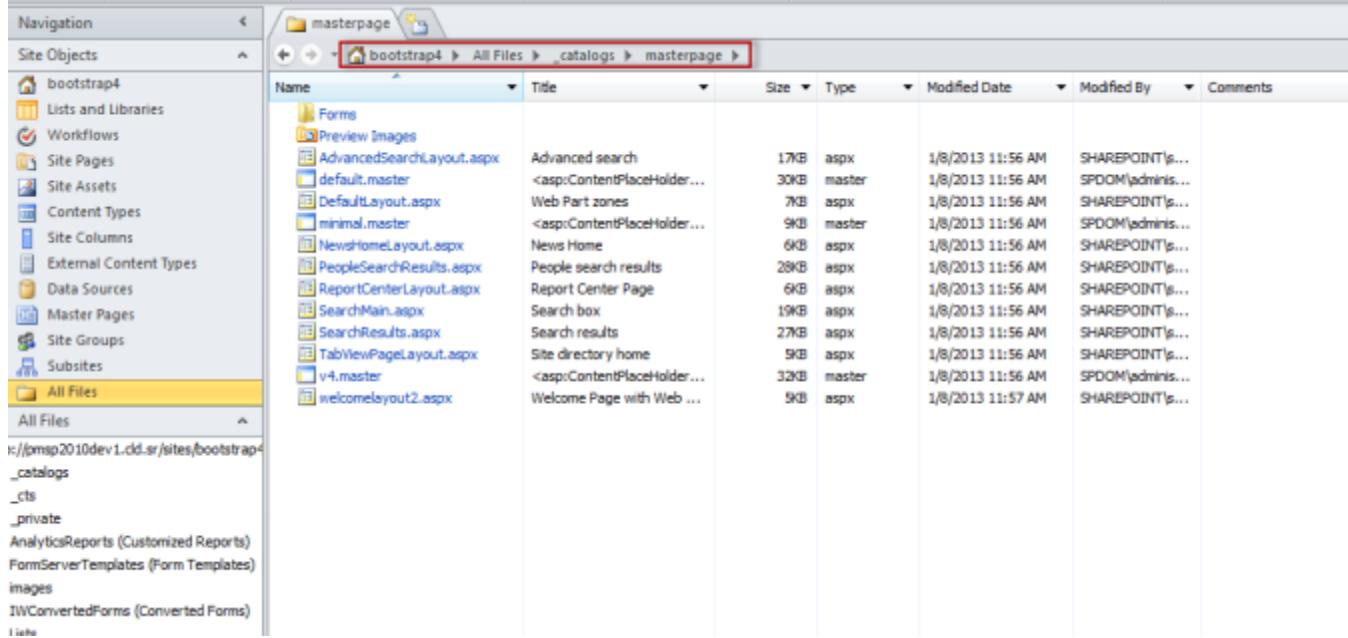
In the source panel add the content from zone3.txt (under Html) and click ok.



Add web part to the remaining web part zones as specified in the zone#.txt files. When you are finished click the “Page” tab and then Save in the ribbon, or click “SAVE” found in the upper right hand corner of the ribbon. See the next page for a screenshot of this page once all web parts have been added and the file has been saved and published.

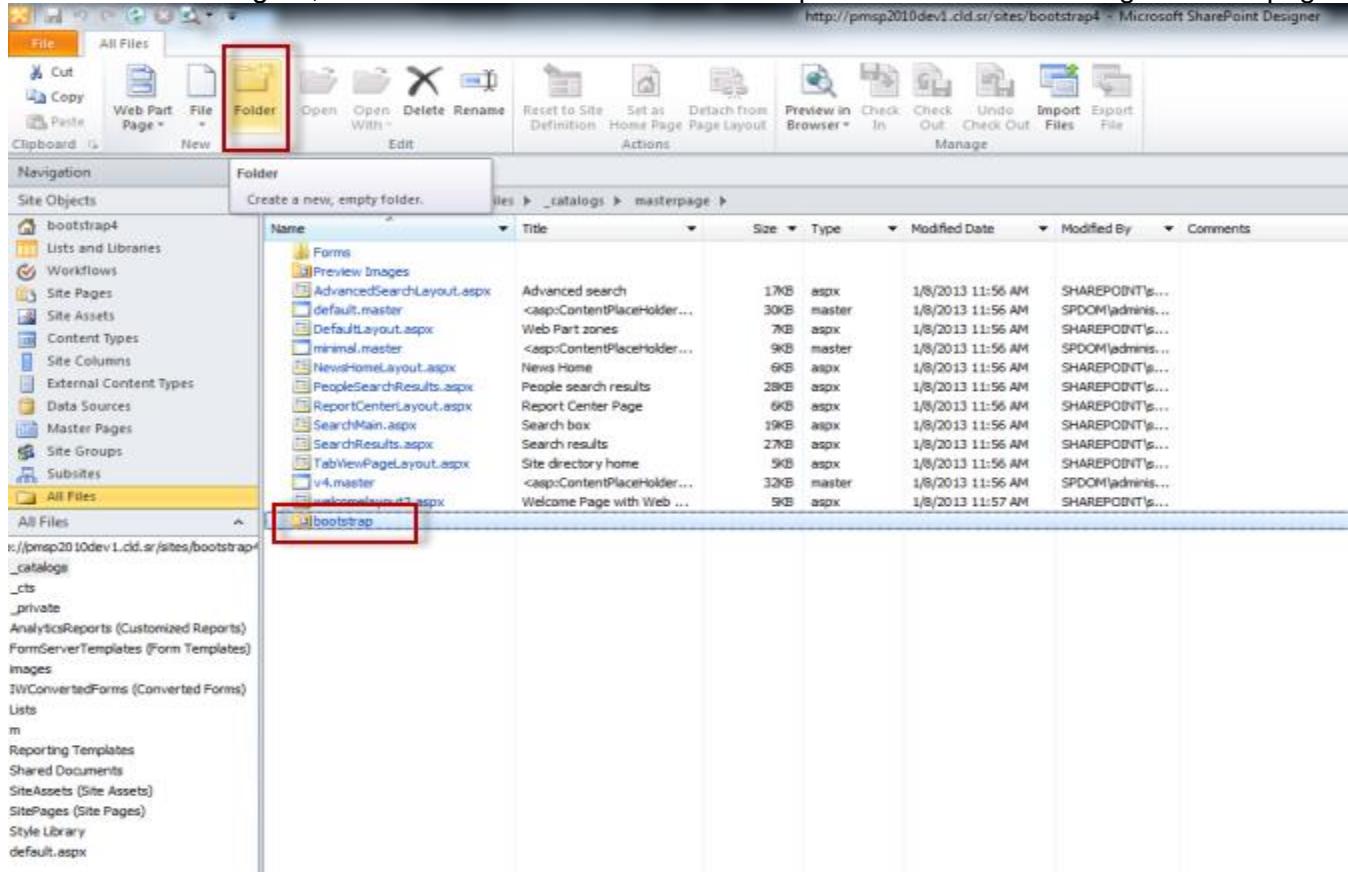
# Installing Bootstrap for Non-Publishing sites

1. We are going to use SharePoint Designer 2010 to upload branding assets. Open SharePoint Designer 2010 and then open your site collection and navigate to All files -> catalogs -> masterpage.



The screenshot shows the SharePoint Designer 2010 interface. The left navigation pane shows the 'bootstrap4' site with various options like Lists and Libraries, Workflows, Site Pages, etc. The 'All Files' option is selected. The breadcrumb navigation bar at the top shows the path: bootstrap4 > All Files > \_catalogs > masterpage. The 'masterpage' folder is highlighted with a red box. The main content area is a table listing files in the 'masterpage' folder, including 'Forms', 'Preview Images', and several master pages like 'default.master', 'minimal.master', etc.

2. In SharePoint Designer, create a new folder named "bootstrap" in the All files ->catalogs->masterpage.

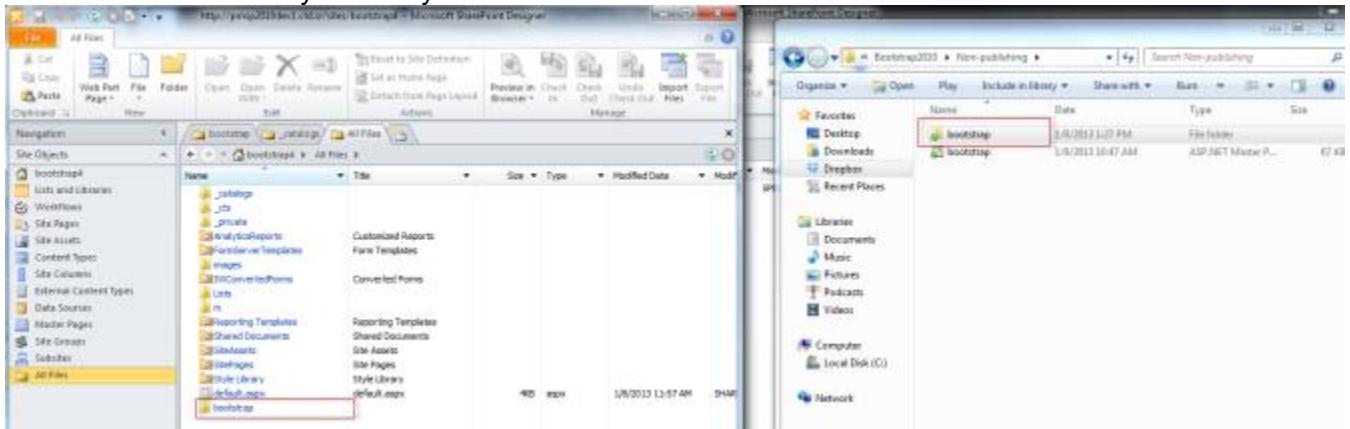


The screenshot shows the SharePoint Designer 2010 interface with the 'masterpage' folder open. The 'Folder' icon in the toolbar is highlighted with a red box. The 'bootstrap' folder is highlighted with a red box in the list view. The list view shows the contents of the 'masterpage' folder, including 'Forms', 'Preview Images', and various master pages. The 'bootstrap' folder is a new item added to the list.

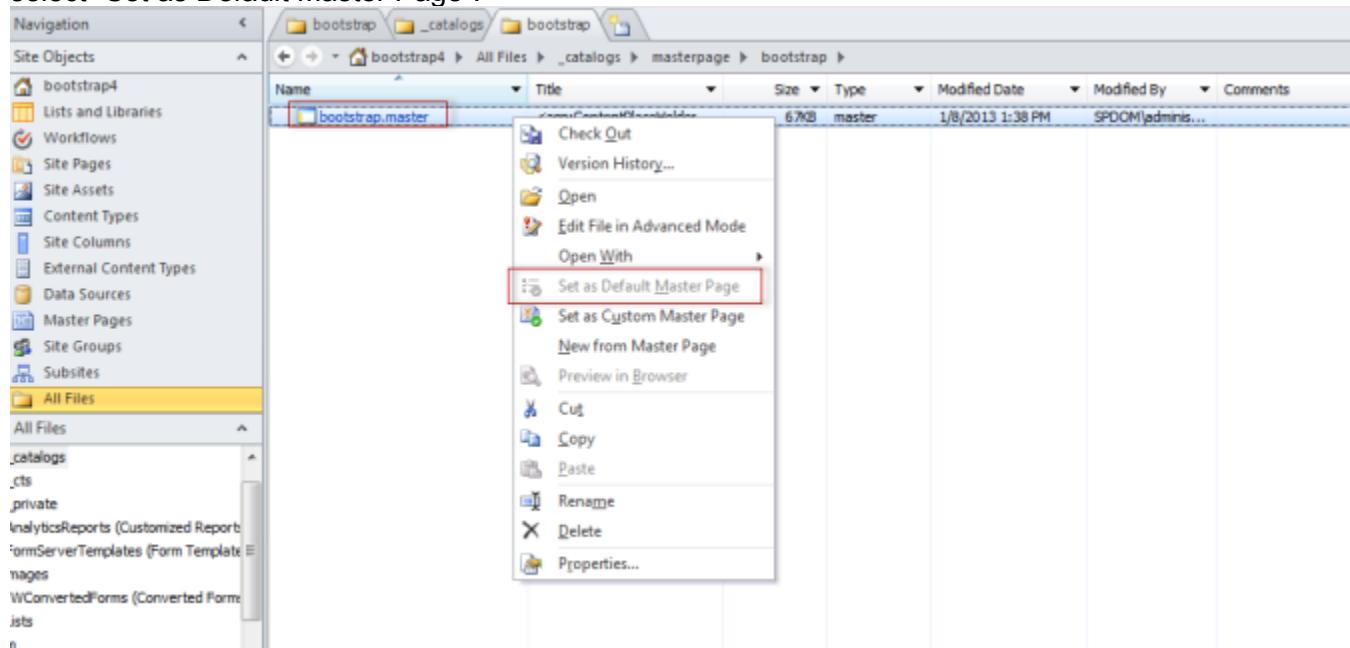
3. Open the Bootstrap2010\Non-Publishing folder in Windows Explorer, “Copy” the “bootstrap” master page and paste it in the newly created “bootstrap” folder in the Masterpage gallery in SharePoint Designer.



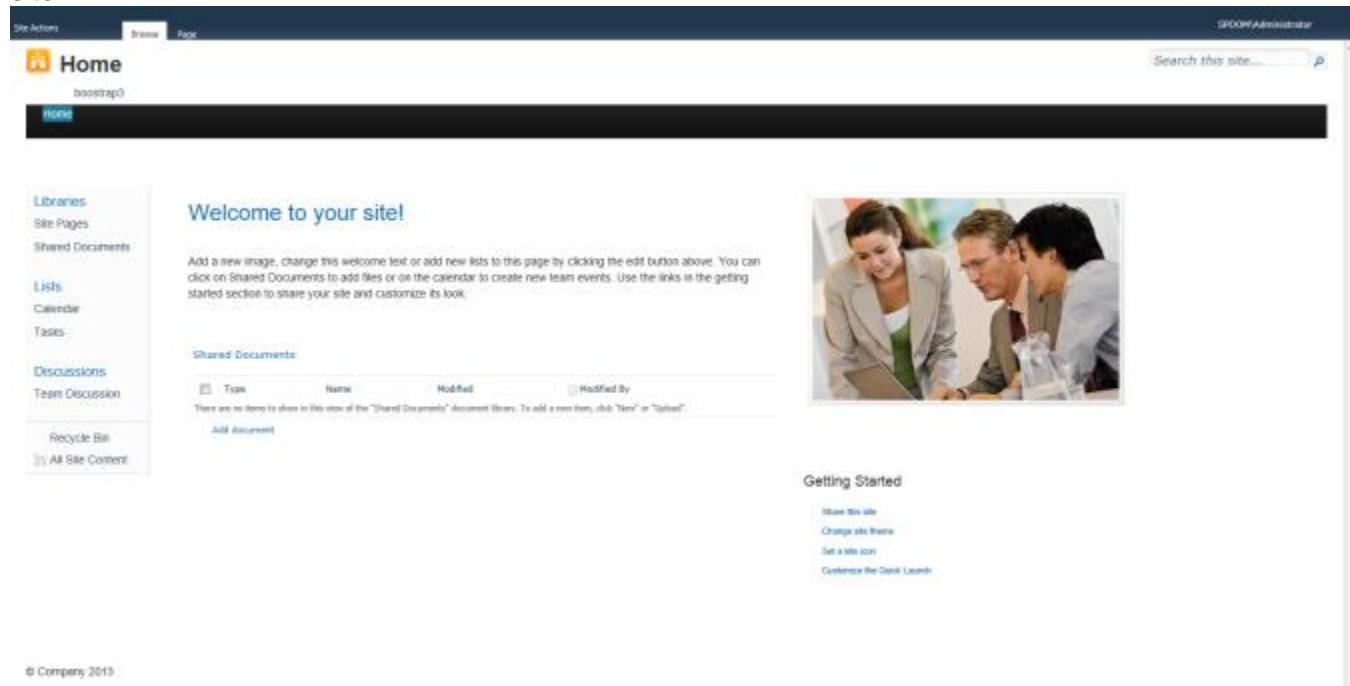
4. Before we make the bootstrap master page the default master page, we will want to upload the design files. Using SharePoint Designer, navigate to All files ->Style Library. You will now want to “Copy” the file “bootstrap” folder in the Bootstrap2010\Non-Publishing folder in Windows Explorer and paste the entire folder into the Style Library.



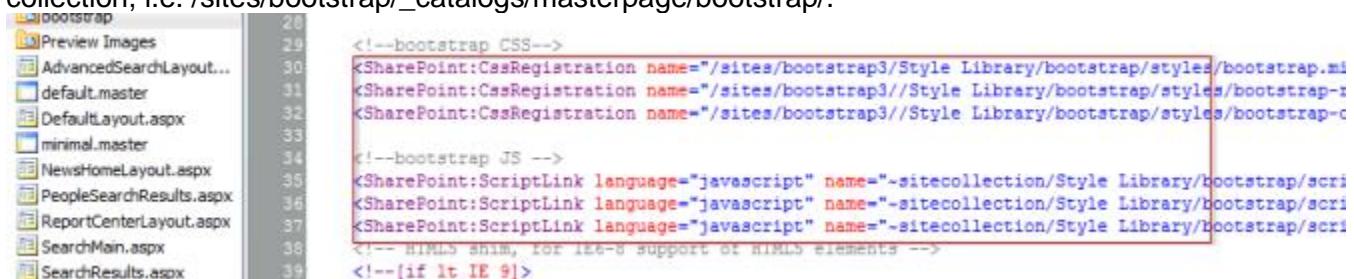
5. Open the masterpage gallery by navigating to All files->catalogs->masterpage. You will see the bootstrap masterpage that you pasted earlier. You will now want to right-click on the master page and select "Set as Default Master Page".



6. After you choose the default master page, go ahead and load your site in a browser. Assuming you have not made any changes to a default OOTB team site, you should see the following Responsive site.



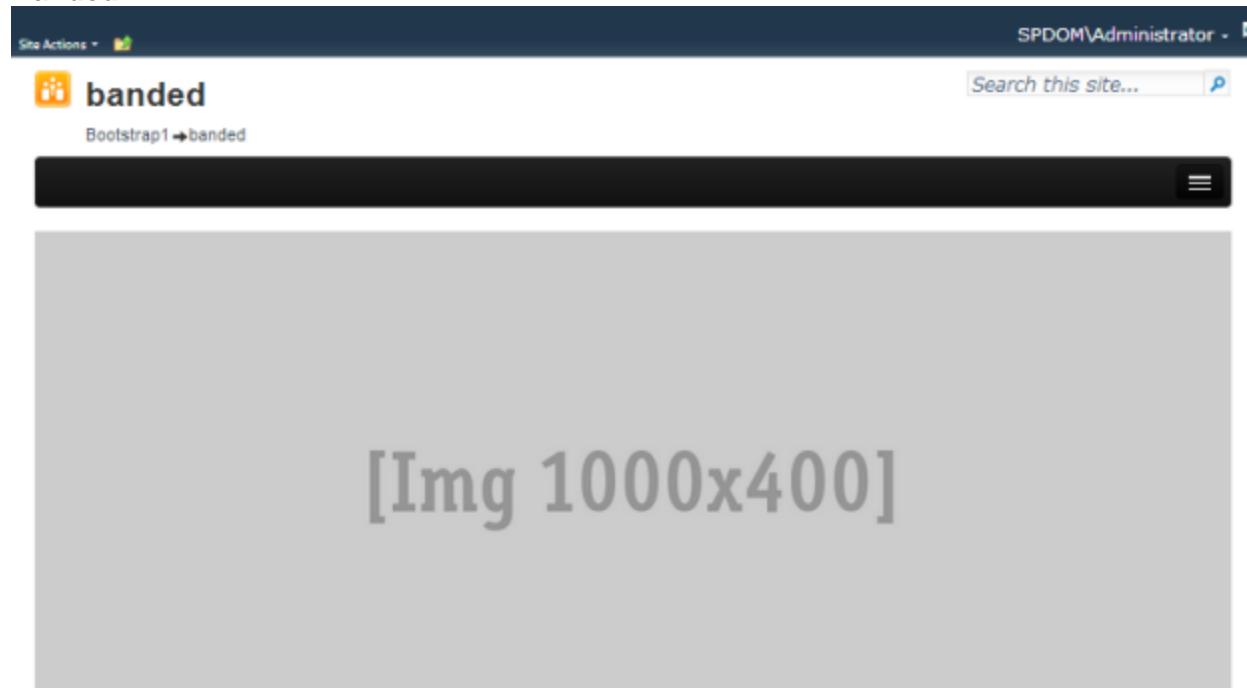
7. **NOTE!!!** If your site collection is a path based site collection and not a host based site collection, i.e. <http://www.yourcompany.com/sites/bootstrap>, you will have to modify the Master Page to link the JavaScript and Style Library files correctly. To do this, open the bootstrap\_nonpublishing.master page in /\_catalogs/masterpage/bootstrap?... You will need to update these urls to link to your path based site collection, i.e. /sites/bootstrap/\_catalogs/masterpage/bootstrap/.



```
28
29    <!--bootstrap CSS-->
30    <SharePoint:CssRegistration name="/sites/bootstrap3/Style Library/bootstrap/styles/bootstrap.mi
31    <SharePoint:CssRegistration name="/sites/bootstrap3/Style Library/bootstrap/styles/bootstrap-1
32    <SharePoint:CssRegistration name="/sites/bootstrap3/Style Library/bootstrap/styles/bootstrap-c
33
34    <!--bootstrap JS -->
35    <SharePoint:ScriptLink language="javascript" name="-sitecollection/Style Library/bootstrap scri
36    <SharePoint:ScriptLink language="javascript" name="-sitecollection/Style Library/bootstrap scri
37    <SharePoint:ScriptLink language="javascript" name="-sitecollection/Style Library/bootstrap scri
38
39    <!-- HTML5 shim, for IE8 support of HTML5 elements -->
<!--[if lt IE 9]>
```

## 8. Page Layout Examples

### Banded



This is a content section.

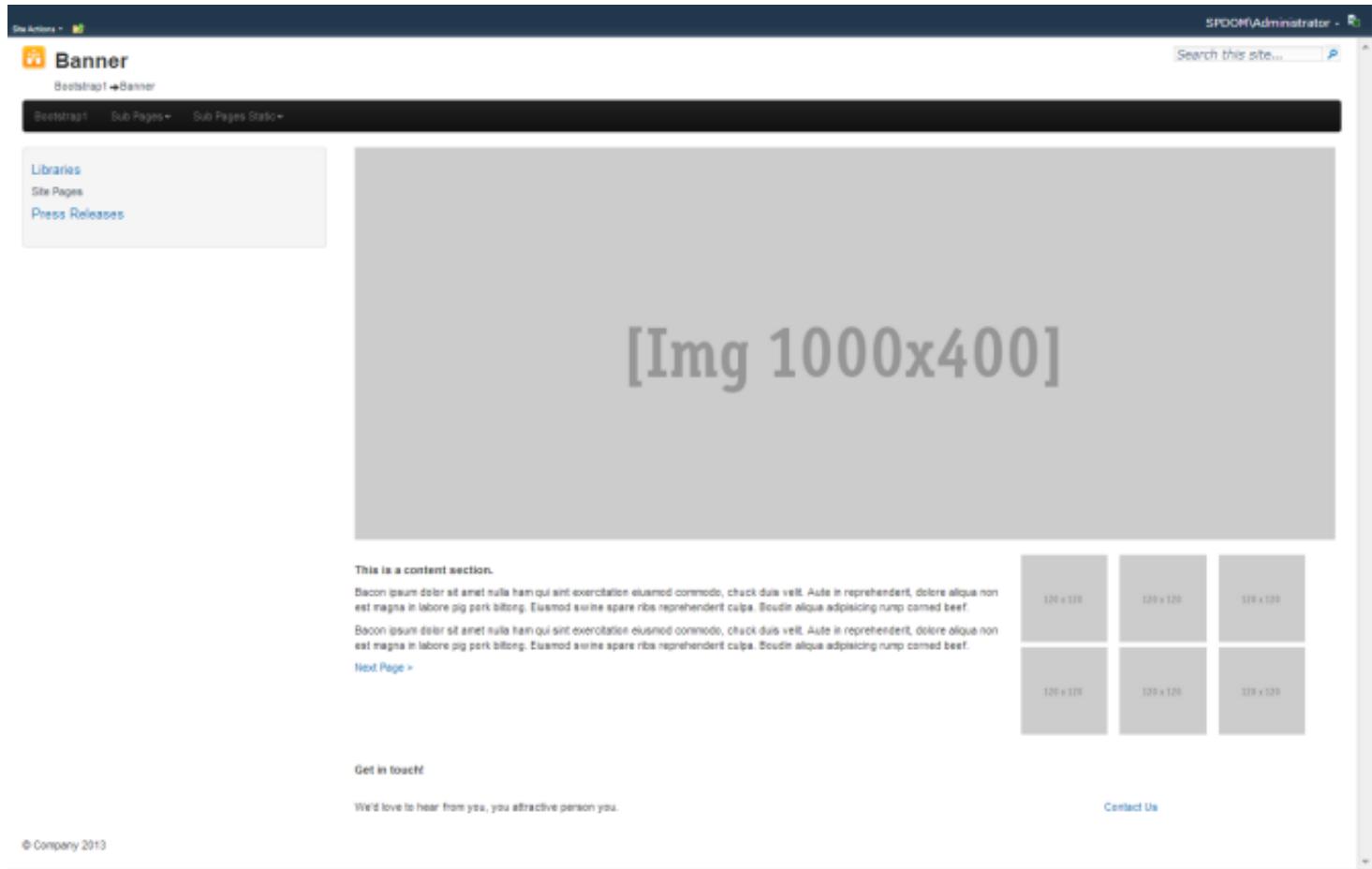
Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck quis velit. Aute in reprehenderit, dolore aliqua non est magna in labore pig pork bitlong. Elusmod swine spare ribs reprehenderit culpa. Boudin aliqua adipisicing rump corned beef.

Pork drumstick turkey fugiat. Tri-tip elit turducken pork chop in. Swine short ribs meatball irure bacon nulla pork belly cupidatat meatloaf cow. Nulla corned beef sunt ball tip, qui bresaola enim jowl. Capicola short ribs minim salami nulla nostrud pastrami.



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## Banner



[Site Actions](#)  SPDOMAdministrator  Search this site...  **Banner**  [Bootstrap](#) → [Banner](#)

Bootstrap Sub Pages Sub Pages Static

Libraries

Site Pages

Press Releases

[Img 1000x400]

**This is a content section.**

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[Next Page >](#)

120 x 120 320 x 120 320 x 120

120 x 120 320 x 120 320 x 120

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## Blog

Site Actions     SPDOM\Administrator 

Status: Waiting for approval Publication Start Date: Immediately

 **blog**  

Bootstrap1 → blog

Bootstrap1 Sub Pages ▾ Sub Pages Static ▾

Libraries Site Pages Press Releases

**Blog Post Title**

Written by [John Smith](#) on August 12, 2012.

Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck duis velit. Aute in reprehenderit, dolore aliqua non est magna in labore pig pork biltong. Eiusmod swine spare ribs reprehenderit culpa.

Boudin aliqua adipisicing rump corned beef. Nulla corned beef sunt ball tip, qui bresaola enim jowl. Capicola short ribs minim salami nulla nostrud pastrami.

Pork drumstick turkey fugiat. Tri-tip elit turducken pork chop in. Swine short ribs meatball irure bacon nulla pork belly cupidatat meatloaf cow. Nulla corned beef sunt ball tip, qui bresaola enim jowl. Capicola short ribs minim salami nulla nostrud pastrami. Nulla corned beef sunt ball tip, qui bresaola enim jowl. Capicola short ribs minim salami nulla nostrud pastrami.

**Blog Post Title**

Written by [John Smith](#) on August 12, 2012.

Bacon ipsum dolor sit amet nulla ham qui

**Categories**

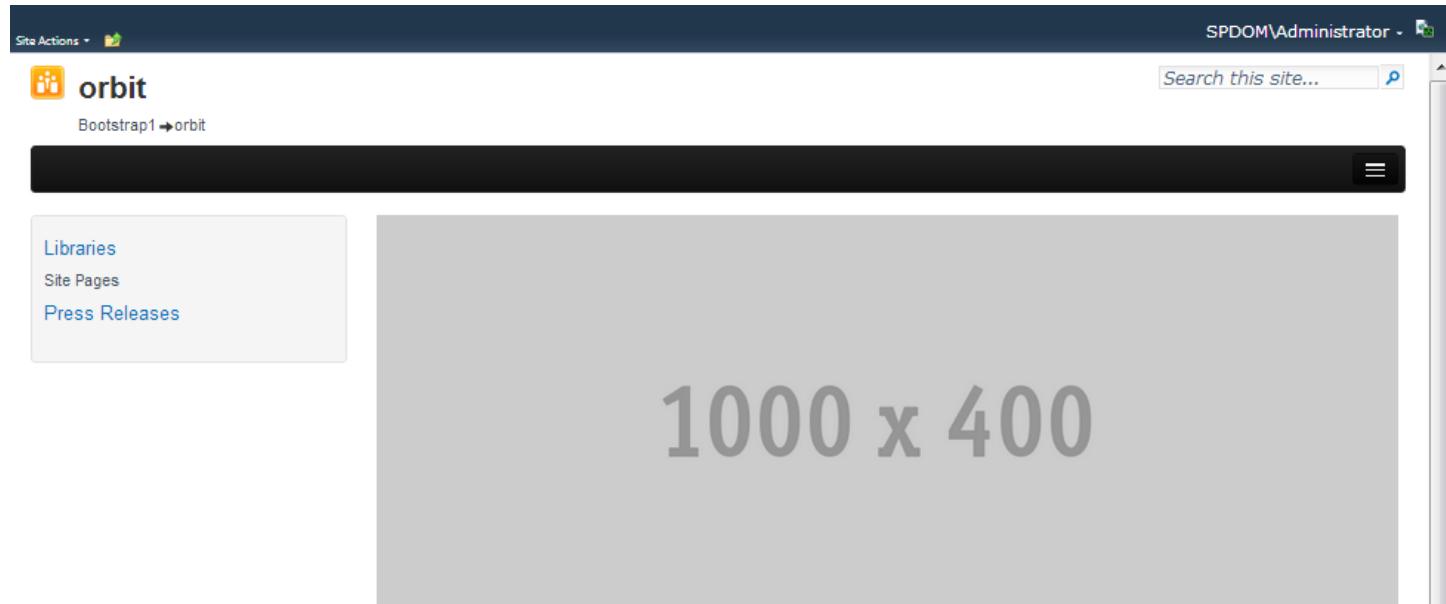
- News
- Code
- Design
- Fun
- Weasels

**Featured**

Pork drumstick turkey fugiat. Tri-tip elit turducken pork chop in. Swine short ribs meatball irure bacon nulla pork belly cupidatat meatloaf cow.

[Read More >](#)

## Orbit



Site Actions  SPDOM\Administrator 

orbit

Bootstrap1 → orbit

Search this site... 

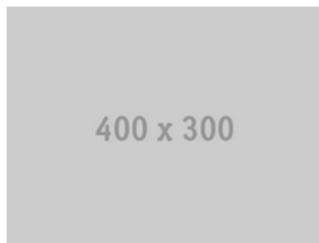
Libraries

Site Pages

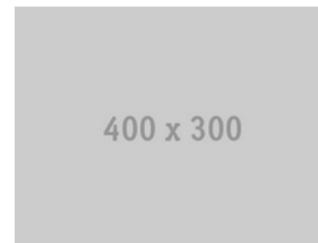
Press Releases

1000 x 400

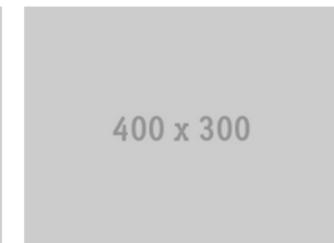
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400 x 300



400 x 300



400 x 300

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This is a content section.

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## Sidebar

Site Actions      Page Publish SPDOM\Administrator 

**Status:** Checked in and viewable by authorized users. **Publication Start Date:** Immediately

# sidebar

Bootstrap1 → sidebar

Search this site... 

 Ad

- Section 1
- Section 2
- Section 3
- Section 4
- Section 5
- Section 6

**Page Title** Page subtitle

Bacon ipsum dolor sit amet salami ham hock biltong ball tip drumstick sirloin pancetta meatball short loin. Venison tail chuck pork chop, andouille ball tip beef ribs flank boudin bacon. Salami andouille pork belly short ribs flank cow. Salami sirloin turkey kielbasa. Sausage venison pork loin leberkas chuck short loin, cow ham prosciutto pastrami jowl. Ham hock jerky tri-tip, fatback hamburger shoulder swine pancetta ground round. Tri-tip prosciutto meatball turkey, brisket spare ribs shankle chuck cow chicken ham hock boudin meatloaf jowl.

Ground round pastrami pork loin tenderloin jerky. Jerky spare ribs biltong, ham hock ham capicola pork. Jerky turducken pork, meatloaf sausage capicola swine corned beef turkey short loin. Tongue prosciutto pork loin, ground round spare ribs venison kielbasa strip steak.

Hamburger bresaola turkey t-bone, leberkas salami pork chop ham hock beef ribs. Rump biltong meatball venison, short ribs pork loin shank shankle corned beef beef. Cow salami jowl short loin hamburger fatback. Short ribs pork belly shoulder pastrami drumstick salami corned beef ham hock bresaola. Swine filet mignon cow sausage ball tip. Cow ribeye ground round, sausage pork loin pig beef ball tip turkey boudin.

Prosciutto ball tip filet mignon andouille frankfurter chicken rump sausage meatball. Filet mignon meatloaf ground round andouille ham hock pork. Bresaola short loin meatball chuck hamburger pig. Turkey venison chuck, tongue fatback tail swine jerky corned beef shank kielbasa prosciutto ribeye ham tri-tip. Rump bacon pork belly meatloaf shoulder short loin meatball kielbasa pork loin tongue bresaola brisket corned beef jowl prosciutto. Beef ribs shankle short ribs pork belly corned beef fatback pork chop tongue biltong boudin strip steak sirloin meatloaf pancetta.

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## Workspace

Site Actions SPDOM\Administrator 

## workspace

Bootstrap1 → workspace

Search this site... 

## Libraries

Site Pages

## Press Releases

[Img 1000x400]

Thumbnail

Thumbnail

Thumbnail

Thumbnail

Description

Description

Description

Description

## Header

Suspendisse ultrices ornare tempor. Aenean eget ultricies libero. Phasellus non ipsum eros. Vivamus at dignissim massa. Aenean dolor libero, blandit quis interdum et, malesuada nec ligula. Nullam erat erat, eleifend sed pulvinar ac. Suspendisse ultrices

## Get In Touch!

Risus ligula, aliquam nec fermentum vitae, sollicitudin eget urna. Donec dignissim nibh fermentum odio ornare sagittis.

 Call To Action! Call To Action!

# References

Primary references for Bootstrap for SharePoint 2013

Twitter Bootstrap Framework

<http://twitter.github.com/bootstrap/>

Jumpstart Branding for SharePoint

<http://jumpstartbranding.codeplex.com/>