Creating bespoke page layouts

[1. Where to do the testing 2](#_Toc4139017)

[2. Creating extra Custom columns 3](#_Toc4139018)

[3. Creating new a site content type for your page layout 4](#_Toc4139019)

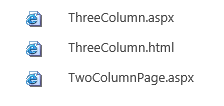
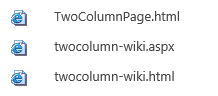
[4. Adding the extra site columns to your page layout 5](#_Toc4139020)

[5. Editing your page layout 6](#_Toc4139021)

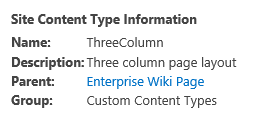
# Where to do the testing

<http://devspace.awp.nhs.uk/sites/development>

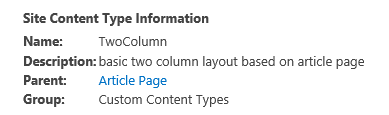
There are already 3 new layout pages created ready for styling. These can be found in the Master Pages Gallery

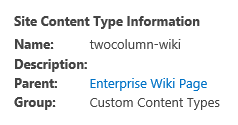
Three column is based on the wiki page layout



TwoColumnPage is based on the Article page layout



TwoColumnWiki is based on the wiki page layout



The TwoColumnPage has been styled using divs floating left and right (illustration <http://devspace.awp.nhs.uk/sites/Development/Pages/2column-50-50.aspx> )

<div id="leftColumn" style="width:50%; float:left;"></div>

<div id="rightColumn" style="width:50%; float:right;"></div>

With the defined Site column content types placed between the divs. THIS DOES NOT WORK with the responsive layout as it keeps the columns as two separate ones rather than loading below each other.

# Creating extra Custom columns

## How

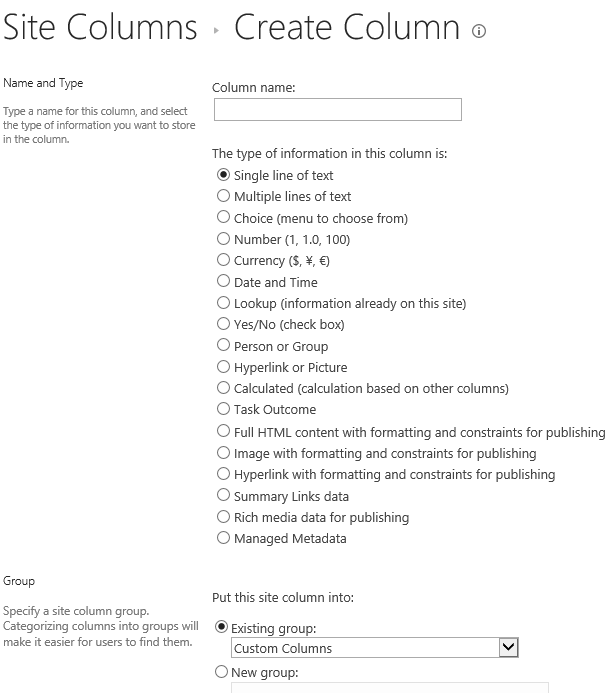
Go to Site Settings and **Site Columns** and **Create**

Give the column a descriptive name

Select the type of column you need.

An HTML1 option has already been created (Full HTML content with formatting and constraints for publishing) that can be used as an extra html content editor field alongside the default Page Content html field.

You can create more of these. The reason for this is that you can only use an html editing field once per page layout so if you want more than one you have to have more than one html site column.

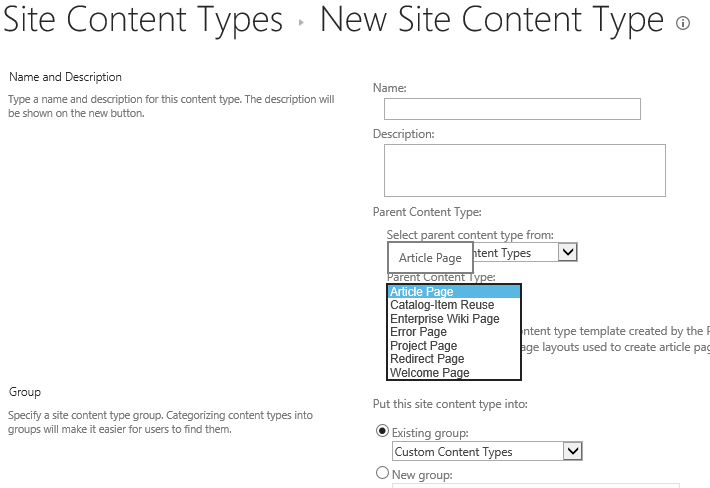


# Creating new a site content type for your page layout

## How

Go to Site Settings and **Create**

Select the **Parent Content Type** option **Page Layout Content Types** and select the one you want to use as your base page layout



Each **Content Type** has associated **Columns** attached already but you can add more later. Suggested base page layouts are **Article Page** and **Enterprise Wiki Page**.

The **Wiki page** comes with a **rating scale** built in so is a good layout to start with if the pages need to be rated.

Name appropriately so it will make sense to users/web team, add a description with specific details as needed.

Add to **Existing group: Custom Content Types**.

# Adding the extra site columns to your page layout

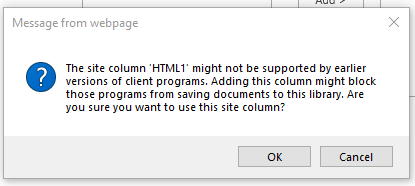
## How

When you save your new **Content Type** it will open up a page which gives you the ability to add in extra site columns to the layout.

**Add from existing site columns** (or you can create new ones as section 1 above)

You can add as many columns as you think will be necessary for the page to work.

If asked the following



Click OK

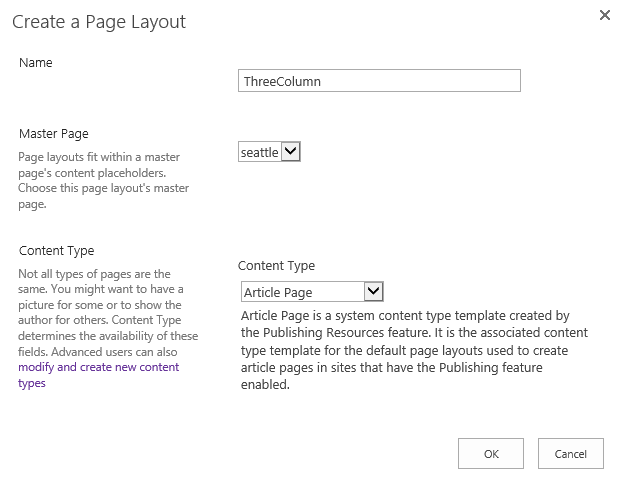
# Editing your page layout

## How

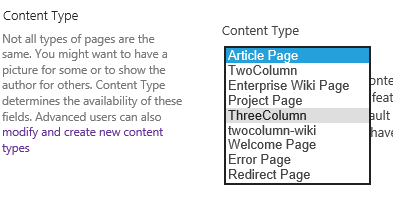
Go to **Design manager** from the cog and select **Edit Page Layouts** from the left menu

Select **Create a page layout**

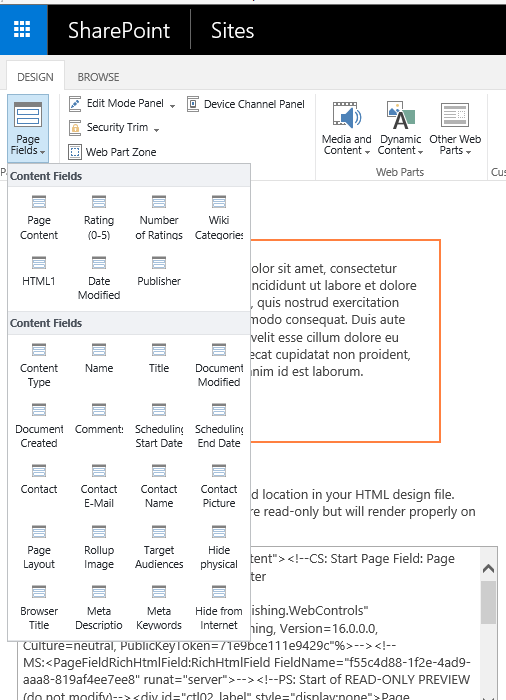
Give the layout a name that makes sense and select **seattle** as the **Master Page** (to give a left menu option)



Select the Content Type you want to use



You can now open the page layout and add more snippets as needed. As well as extra web part zones (which will not have been added at the previous step)



Your new page content type will have been created and published to the Master Page Gallery. Find the one you need and download the html version of this file. DO NOT TOUCH THE aspx version. (this will be automatically updated when the html file is re-uploaded.

Use whatever software you like to edit the page layout. Notepad++ works ok.

Look for

<!--ME:</asp:ContentPlaceHolder>-->

<!--MS:<asp:ContentPlaceHolder id="PlaceHolderMain" runat="server">-->

Add your styling under here.

All the site columns you added initially will be available to use. You can move them around by selecting the <div> above each one to the </div> below them and moving it to the DIV area it needs to be in for styling.

<div>

<!--CS: Start Page Field: HTML1 Snippet-->

<!--SPM:<%@Register Tagprefix="PageFieldRichHtmlField" Namespace="Microsoft.SharePoint.Publishing.WebControls" Assembly="Microsoft.SharePoint.Publishing, Version=16.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c"%>-->

<!--MS:<PageFieldRichHtmlField:RichHtmlField FieldName="c42e7bf4-d612-4fb5-a733-f6fc2baeea8f" runat="server">-->

<!--PS: Start of READ-ONLY PREVIEW (do not modify)--><div id="ctl02\_label" style="display:none">HTML1</div><div id="ctl02\_\_ControlWrapper\_RichHtmlField" class="ms-rtestate-field" style="display:inline" aria-labelledby="ctl02\_label"><div align="left" class="ms-formfieldcontainer"><div class="ms-formfieldlabelcontainer" nowrap="nowrap"><span class="ms-formfieldlabel" nowrap="nowrap">HTML1</span></div><div class="ms-formfieldvaluecontainer"><div class="ms-rtestate-field">HTML1 field value. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.</div></div></div></div><!--PE: End of READ-ONLY PREVIEW-->

<!--ME:</PageFieldRichHtmlField:RichHtmlField>-->

<!--CE: End Page Field: HTML1 Snippet-->

</div>

Save the file you downloaded and changed.

Go back to Master Pages and Page Layouts and select Files and upload document.

This will overwrite the html file which will update the aspx file.

Publish a major version

Create a page using the new page layout to check everything is where you want it to be.