

As an example, the following is the default markup for an Edit Mode Panel, which is simply a container that conditionally displays other content and controls.

Header

HTML

```
<div data-name="EditModePanelShowInEdit">  
  <!--CS: Start Edit Mode Panel Snippet-->
```

SharePoint markup

HTML

```
<!--SPM:<%@Register Tagprefix="Publishing"  
Namespace="Microsoft.SharePoint.Publishing.WebControls"  
Assembly="Microsoft.SharePoint.Publishing, Version=15.0.0.0, Culture=neutral,  
PublicKeyToken=71e9bce111e9429c"%>-->  
  <!--MS:<Publishing:EditModePanel runat="server" CssClass="edit-mode-  
panel">-->
```

HTML preview

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)--><!--PE: End of  
READ-ONLY PREVIEW-->  
  <div class="DefaultContentBlock" style="border:medium black solid;  
background:yellow; color:black; margin:20px; padding:10px;">  
    You should replace this div with content that renders based on your  
    Edit Mode Panel Properties.  
  
  </div>  
<!--PS: Start of READ-ONLY PREVIEW (do not modify)--><!--PE: End of  
READ-ONLY PREVIEW-->
```

Footer

HTML

```
<!--ME:</Publishing:EditModePanel>-->  
<!--CE: End Edit Mode Panel Snippet-->  
</div>
```

The following is the default markup for a Top Navigation snippet, which is more complex because this snippet contains several different controls, with some nested inside each other, including a data source for the navigation terms, a delegate control, and a content placeholder.

Note

Some of the controls, such as the content placeholder, contain empty tags for an HTML preview because that element does not require a visual representation on the page.

Header

HTML

```
<div data-name="TopNavigationNoFlyoutWithStartNode">
<!--CS: Start Top Navigation Snippet-->    <!--SPM:<%@Register
Tagprefix="Publishing"
Namespace="Microsoft.SharePoint.Publishing.WebControls"
Assembly="Microsoft.SharePoint.Publishing, Version=15.0.0.0, Culture=neutral,
PublicKeyToken=71e9bce111e9429c"%>-->
    <!--MS:<Publishing:EditModePanel runat="server" CssClass="edit-mode-
panel">-->
```

SharePoint markup

HTML

```
<!--SPM:<%@Register Tagprefix="SharePoint"
Namespace="Microsoft.SharePoint.WebControls" Assembly="Microsoft.SharePoint,
Version=15.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c"%>-->
<!--MS:<SharePoint:AjaxDelta ID="DeltaTopNavigation" BlockElement="true"
CssClass="ms-displayInline ms-core-navigation ms-dialogHidden"
runat="server">-->
```

HTML preview

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)-->
<!--PE: End of READ-ONLY PREVIEW-->
```

SharePoint markup

HTML

```
<!--MS:<SharePoint:DelegateControl runat="server"
ControlId="TopNavigationDataSource" Id="topNavigationDelegate">-->
```

HTML preview

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)-->
<span style="display:none">
<table cellpadding="4" cellspacing="0"
style="font:messagebox;color:buttontext;background-color:buttonface;border:
solid 1px;border-top-color:buttonhighlight;border-left-
color:buttonhighlight;border-bottom-color:buttonshadow;border-right-
color:buttonshadow">
<tr><td nowrap="nowrap">
```

```
<span style="font-weight:bold">PortalSiteMapDataSource</span> -  
topSiteMap</td></tr><tr><td></td></tr></table></span>  
<!--PE: End of READ-ONLY PREVIEW-->
```

SharePoint markup

HTML

```
<!--MS:<Template_Controls>-->  
<!--MS:<asp:SiteMapDataSource ShowStartingNode="True"  
SiteMapProvider="SPNavigationProvider" ID="topSiteMap" runat="server"  
StartingNodeUrl="sid:1002">-->
```

SharePoint markup

HTML

```
<!--ME:</asp:SiteMapDataSource>-->  
<!--ME:</Template_Controls>-->  
<!--ME:</SharePoint:DelegateControl>--><a name="startNavigation"></a>
```

SharePoint markup

HTML

```
<!--MS:<asp:ContentPlaceHolder ID="PlaceHolderTopNavBar" runat="server">-->  
<!--MS:<SharePoint:AspMenu ID="TopNavigationMenu" runat="server"  
EnableViewState="false" DataSourceID="topSiteMap"  
AccessKey="&#60;%;$Resources:wss,navigation_accesskey%&#62;"  
UseSimpleRendering="true" UseSeparateCss="false" Orientation="Horizontal"  
StaticDisplayLevels="2" AdjustForShowStartingNode="false"  
MaximumDynamicDisplayLevels="0" SkipLinkText="">-->
```

HTML preview

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)-->  
<link rel="stylesheet" type="text/css" href="/_layouts/15/1033/styles/menu-  
21.css" />  
<div id="zz7_TopNavigationMenu" class=" noindex ms-core-listMenu-  
horizontalBox">  
<ul id="zz9_RootAspMenu" class="root ms-core-listMenu-root static">  
<li class="static">  
<a class="static menu-item ms-core-listMenu-item ms-displayInline ms-navedit-  
linkNode" tabindex="0" title="Default Publishing Site"  
href="/sites/PubSite/Pages/default.aspx" accesskey="1">  
<span class="additional-background ms-navedit-flyoutArrow">  
<span class="menu-item-text">Default Publishing  
Site</span></span></a></li></ul></div>  
<!--PE: End of READ-ONLY PREVIEW-->
```

SharePoint markup

HTML

```
<!--ME:~/SharePoint:AspMenu>-->  
<!--ME:~/asp:ContentPlaceHolder>-->
```

HTML preview

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)-->  
<!--PE: End of READ-ONLY PREVIEW-->
```

SharePoint markup

HTML

```
<!--ME:~/SharePoint:AjaxDelta>-->
```

Footer

HTML

```
<!--CE: End Top Navigation Snippet-->  
</div>
```

Types of markup

Here is a breakdown of the types of markup that are included in a snippet.

SharePoint namespace registration SPM ("SharePoint markup") indicates a line registering a SharePoint namespace.

HTML

```
<!--SPM:<%@Register Tagprefix="SharePoint"  
Namespace="Microsoft.SharePoint.WebControls" Assembly="Microsoft.SharePoint,  
Version=15.0.0.0, Culture=neutral, PublicKeyToken=71e9bce111e9429c"%>-->
```

Comments CS and CE ("Comment start" and "comment end") help you parse the lines of markup.

HTML

```
<!--CS: Start Top Navigation Snippet-->  
...  
<!--CE: End Top Navigation Snippet-->
```

Snippets MS and ME ("markup start" and "markup end") denote the beginning and end of a SharePoint control or a snippet. Some snippets, like the ribbon or the Top Navigation control above, contain several controls nested within a single snippet.

HTML

```
<!--MS:<SharePoint:DelegateControl runat="server"
ControlId="TopNavigationDataSource" Id="topNavigationDelegate">-->
...
<!--ME:</SharePoint:DelegateControl>--><a name="startNavigation"></a>

<!--MS:<Template_Controls>-->
...
<!--ME:</Template_Controls>-->

<!--MS:<asp:SiteMapDataSource ShowStartingNode="True"
SiteMapProvider="SPNavigationProvider" ID="topSiteMap" runat="server"
StartingNodeUrl="sid:1002">-->
...
<!--ME:</asp:SiteMapDataSource>-->
```

Preview blocks PS and PE ("Preview start" and "preview end") surround a section of HTML code that you should not edit. These preview sections are a snapshot in time of the SharePoint control that snippet is inserting. A preview makes it possible for you to work more meaningfully on the HTML file in a client-side HTML editor. But, changing the content or styling within that preview has no lasting effect on the .master file, which is what SharePoint is ultimately using. To style a snippet, you have to identify and override the SharePoint styles with your own custom CSS.

HTML

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)--><span
style="display:none"><table cellpadding="4" cellspacing="0"
style="font:messagebox;color:buttontext;background-color:buttonface;border:
solid 1px;border-top-color:buttonhighlight;border-left-
color:buttonhighlight;border-bottom-color:buttonshadow;border-right-
color:buttonshadow"><tr><td nowrap="nowrap"><span style="font-
weight:bold">PortalSiteMapDataSource</span> -
topSiteMap</td></tr><tr><td></td></tr></table></span><!--PE: End of READ-ONLY
PREVIEW-->
```

```
<!--PS: Start of READ-ONLY PREVIEW (do not modify)--><link rel="stylesheet"
type="text/css" href="/_layouts/15/1033/styles/menu-21.css" /><div
id="zz7_TopNavigationMenu" class=" noindex ms-core-listMenu-
horizontalBox"><ul id="zz9_RootAspMenu" class="root ms-core-listMenu-root
static"><li class="static"><a class="static menu-item ms-core-listMenu-item
ms-displayInline ms-navedit-linkNode" tabindex="0" title="Default Publishing
Site" href="/sites/PubSite/Pages/default.aspx" accesskey="1"><span
class="additional-background ms-navedit-flyoutArrow"><span class="menu-item-
```

```
text">Default Publishing Site</span></span></a></li></ul></div><!--PE: End of  
READ-ONLY PREVIEW-->
```