

Cogworks - Flexible Navigation

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Author: Tim Saunders (<http://www.thecogworks.co.uk>)

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Description

This is a simple Umbraco package which provides a flexible tree navigation XSLT Macro that can support common forms of website navigation.

It's most common use is to provide a top navigation and expanding sub navigation. As can be see on many websites, such as <http://www.thecogworks.co.uk>

It is currently in Beta, meaning it is probably safe to use on your website but you should test it thoroughly in case of bugs.

How it works

The package will install three items into your site.

- **[COG]Navigation.xslt (In the XSLT folder in development)**
- **[COG]Navigation (In the Macros folder in development)**
- **[COG]Navigation.css (In the Stylesheets folder of settings)**

The [COG]Navigation.css file is purely for example purposes only and can be safely removed, when you are comfortable how the navigation styles work and you have added them to your main site stylesheets.

Once installed you can use the Macro on your templates by clicking the add macro button when editing your template and selecting [COG]Navigation.

When you add the macro a form will appear asking you to fill in some details, these allow you to customise the behaviour of the navigation.

There are the following options:

Start Depth

This option allows you to start the navigation from a certain depth in the content tree, for example you set this to 1 if you want to start with the nodes below the homepage.

Recursive

This option allows you to specify that the navigation will look up at the ancestors of the current page and construct the navigation from the first node found at the Start Depth. This is used for expanding tree type navigations.

Select Branches

This option specifies that the node in the tree which are branches i.e. where they are parents of the current node are given the class as specified in the Branch Class option.

Max Menu Depth

This allows you to set a maximum depth for the navigation to display, any nodes after the max menu depth will not be shown.

UL Base Class

This is the style class that will be applied to the root UL of the navigation.

Branch Class

This is the style class that will be applied to branch LI and A tags if the Select Branches option has been selected.

Selected Class

This is the style class that will be applied to the currently selected page LI and A tags.

Selected Page

This allows you to select a page to act as the currently selected page overriding the current page.

Walk Children

This will display all the children of the current page down to the Max Menu Depth, this is useful if you want to have all the pages of the tree displayed.

Force Home

This will display the home node as the first item in the navigation, irrespective of any other options selected. This is for use in top navigations where a home link can often be found.

The navigation is output as nested lists. Several styles are added by default to the navigation in order to aid with styling. These classes are:

lv1, lv2 etc...

These denote which level the ul tag is at in the current menu (these are not related to the Umbraco level but are unique for each menu and always begin with lv1 on the first ul)

selected

This is applied to the li tag and denotes the menu item which is currently selected (which page the user is currently on), or the page that was specified in the Selected Page parameter.

branch

This is applied to the li tag and denotes if the menu item is branch of the current page (if the page is an ancestor of the current one).

hasChildren

This is applied to the li tag and denotes if the page has any child pages.

Example:

```
<ul class="baseClass lv1">
  <li class="hasChildren selected branch ">
    <a href="/item-1.aspx">Item 1</a>
    <ul lv2>
      <li class="hasChildren branch">
        <a href="sub-item-1.aspx">Sub item 1</a>
      </li>
    </ul>
  </li>
  <li>
    <a href="/items-2.aspx">Item 2</a>
  </li>
  <li class="hasChildren ">
    <a href="/item-3.aspx">Item 3</a>
  </li>
  <li>
    <a href="/item-4" class="">Item 4</a>
  </li>
</ul>
```

Examples

Top Navigation

```
<umbraco:Macro
  startingLevel="1"
  recurse="0"
  selectBranches="1"
  maxMenuDepth="1"
  ulBaseClass="horizontal"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="0"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Top Navigation with home link

```
<umbraco:Macro
  startingLevel="1"
  recurse="0"
  selectBranches="1"
  maxMenuDepth="1"
  ulBaseClass="horizontal"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="1"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Expanding Navigation Tree

```
<umbraco:Macro
  startingLevel="1"
  recurse="1"
  selectBranches="1"
  maxMenuDepth="999"
  ulBaseClass="vertical"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="0"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Expanding Navigation tree, showing all descendants

```
<umbraco:Macro
  startingLevel="1"
  recurse="1"
  selectBranches="1"
  maxMenuDepth="999"
  ulBaseClass="vertical"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="0"
  expandChildren="1"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Expanding tree navigation, with passed page id to make it behave as if it were on a different page

```
<umbraco:Macro
  startingLevel="1"
  recurse="1"
  selectBranches="1"
  maxMenuDepth="999"
  ulBaseClass="vertical"
  branchClass="branch"
  selectedClass="selected"
  forceNode="1051"
  forceHome="0"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Expanding tree navigation that only appears once you are 3 levels down the navigation

```
<umbraco:Macro
  startingLevel="3"
  recurse="1"
  selectBranches="1"
  maxMenuDepth="999"
  ulBaseClass="vertical"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="0"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```

Sub navigation that just shows the children of the current page

```
<umbraco:Macro
  startingLevel=""
  recurse="0"
  selectBranches="1"
  maxMenuDepth="999"
  ulBaseClass="vertical"
  branchClass="branch"
  selectedClass="selected"
  forceNode=""
  forceHome="0"
  expandChildren="0"
  Alias="[COG]Navigation"
  runat="server">
</umbraco:Macro>
```