

## Appendix B: Skin Objects

This is a pre-release version of the DNN 5.1 skin object tables.  
Original date: 2009-09-15 Timo Breumelhof.

Note 2020-10-02

Although some new Skin Objects are missing, most of what's in this document is still valid in DNN 9.  
We are currently moving and updating this document to  
<https://www.dnndocs.com/content/tutorials/themes/theme-objects/>

The following tables contain the core skin / container objects you can use in your skins.

### Legacy Skin objects

There are a number of deprecated skin and container objects, listed at the end of this chapter.  
We advise you not to use them since they are not actively developed anymore and might not be supported in future DotNetNuke versions.

### Core Skin Objects

- File location: /Admin/Skins
- Stored in the ModuleControls database table

The first table of every skin object shows general info.  
The second table lists all the attributes for the Skin object.  
Some objects have a table with tokens or examples  
In the values column, the default value is *italic*.

Banner skin object	
Description	Displays a random banner ad
HTML Token	[BANNER]

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Object Token (DNN5+)	<code>&lt;object id="dnnBANNER" codetype="dotnetnuke/server" codebase="BANNER"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:Banner runat="server" id="dnnBanner"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
BorderWidth	0	The border width around the banner	1.0.0

### Breadcrumb skin object

Description	Displays the path to the currently selected tab in the form of PageName1 > PageName2 > PageName3
HTML Token	[BREADCRUMB]
Object Token (DNN5+)	<code>&lt;object id="dnnBREADCRUMB" codetype="dotnetnuke/server" codebase="BREADCRUMB"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:Breadcrumb runat="server" id="dnnBreadcrumb"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
Separator	<i>/images/breadcrumb.gif</i>	The separator between breadcrumb links. This can include custom skin images, text, and HTML ( <code>&lt;![CDATA[&amp;nbsp;&lt;img src="file.gif"&gt;&amp;nbsp;]]&gt;</code> )	1.0.0
CssClass	<i>SkinObject</i>	The style name of the breadcrumb links	1.0.0

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RootLevel	1	The root level of the breadcrumb links. Valid values include: -1 - show word "Root" and then all breadcrumb tabs 0 - show all breadcrumb tabs n (where n is an integer greater than 0) - skip n breadcrumb tabs before displaying	1.0.0
UseTitle	True / False	If true PageTitle will be used in the breadcrumb instead of PageName	1.0.0

### Contentpane Skin Object

Description	Injects a placeholder for module content
HTML Token	[CONTENTPANE]
Object Token (DNN5+)	<object id="PaneName" codetype="dotnetnuke/server" codebase="CONTENTPANE">
Ascx Control	<div id="ContentPane" runat="server" >
Current Version	1.0.0
Remarks	You can give your panes any name (id) you want, as long as it's a valid id AND you MUST have one pane with the id "ContentPane".

Attribute	Values	Description	From
ID	Valid ID Name <i>ContentPane</i>	The content pane key identifier to be displayed in the user interface and stored in the database. <i>Remark; "dnn_" will be added in front of the id you set. You should not use this ID to style your pane (the id is not the same in an HTML/ASCX skin and this might change in the future), use the CSS class to style content panes.</i>	1.0.0

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ID	ControlPanel	If you use this id the pane will be used to render the Control Panel.	1.0.0
class		The CSS class of the pane	1.0.0

### Copyright Skin Object

Description	Displays the copyright notice for the portal
HTML Token	[COPYRIGHT]
Object Token (DNN5+)	<object id="dnnCOPYRIGHT" codetype="dotnetnuke/server" codebase="COPYRIGHT"></object>
Ascx Control	<dnn:Copyright runat="server" id="dnnCopyright">
Current Version	1.0.0
Remarks	You can edit the copyright text with the language editor (admin menu).

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	The CSS Class of the copyright link	1.0.0

### Current Date Skin Object

Description	Displays the current date
HTML Token	[CURRENTDATE]
Object Token (DNN5+)	<object id="dnnCURRENTDATE" codetype="dotnetnuke/server" codebase="CURRENTDATE"></object>
Ascx Control	<dnn:CurrentDate runat="server" id="dnnCurrentDate">

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Current Version	1.0.0
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Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	The style name of the date text span	1.0.0
DateFormat	<i>MMMM dd, yyyy</i>	Format string for the Date text	1.0.0

Dotnetnuke Skin Object	
Description	Displays the Copyright notice for DotNetNuke (not required)
HTML Token	[DOTNETNUKE]
Object Token (DNN5+)	<object id="dnnDOTNETNUKE" codetype="dotnetnuke/server" codebase="DOTNETNUKE"></object>
Ascx Control	<dnn:DotNetNuke runat="server" id="dnnDotnetNuke">
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	The CSS class of the DotNetNuke portal engine copyright text	1.0.0

Help Skin Object	
Description	Displays a link for Help which will launch the users email client and send mail to the portal Administrator
HTML Token	[HELP]
Object Token (DNN5+)	<object id="dnnHELP" codetype="dotnetnuke/server" codebase="HELP"></object>

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Ascx Control	<code>&lt;dnn:Help runat="server" id="dnnHelp"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	The CSS class of the Help link	1.0.0

### Host Name Skin Object

Description	Displays the Host Title linked to the Host URL
HTML Token	[HOSTNAME]
Object Token (DNN5+)	<code>&lt;object id="dnnHOSTNAME" codetype="dotnetnuke/server" codebase="HOSTNAME"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:HostName runat="server" id="dnnHostName"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	The CSS class of Host link (Powered By xxxxxxxxx)	1.0.0

### Language Skin Object

Description	Displays the language selector drop down list / flags
HTML Token	[LANGUAGE]
Object Token (DNN5+)	<code>&lt;object id="dnnLANGUAGE" codetype="dotnetnuke/server" codebase="LANGUAGE" /&gt;</code>

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Ascx Control	<dnn:Language runat="server" id="dnnLanguage"></object>
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	String attribute, used to style the language dropdown list	1.0.0
ShowMenu	<i>True / False</i>	Display the dropdown menu	1.0.0
ShowLinks	<i>True / False</i>	Display the language links repeater	1.0.0
CommonHeaderTemplate		Template used as common header	1.0.0
HeaderTemplate		Template for header	1.0.0
ItemTemplate		Template for item	1.0.0
AlternateTemplate		Template for alternate item	1.0.0
SeparatorTemplate		Template for separator item	1.0.0
FooterTemplate		Template for footer item	1.0.0
CommonFooterTemplate		Template for common footer item	1.0.0

Token	Description
Core Token replace	You can use all the DNN core tokens in these templates
[CULTURE:DISPLAYNAME]	Gets the culture name in the format "<languagefull> (<country/regionfull>)" in the language of the localized version of .NET Framework.
[CULTURE:ENGLISHNAME]	Gets the culture name in the format "<languagefull> (<country/regionfull>)" in English.
[CULTURE:LCID]	Gets the culture identifier for the current CultureInfo
[CULTURE:NAME]	Gets the culture name in the format "<languagecode2>-<country/regioncode2>".

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[CULTURE:NATIVENAME]	Gets the culture name, consisting of the language, the country/region, and the optional script, that the culture is set to display.
[CULTURE:TWOLETTERISOCODE]	Gets the ISO 639-2 three-letter code for the language of the current CultureInfo
[CULTURE:THREELETTERISOCODE]	Gets the ISO 639-1 two-letter code for the language of the current CultureInfo
[URL]	This will generate the correct URL for the current page in a specific culture
[FLAGSRC]	The name of a flag image (.gif only) for a specific culture, in the format "<languagecode2>-<country/regioncode2>.gif".
[SELECTED]	Returns "True" if a specific culture is the current culture.
[LABEL]	Inserts the Label text from the resource file.
[I]	Returns the directory that holds the core country flag images (/images/Flags)
[P]	Returns the portal directory
[S]	Returns the directory of the current skin
[G]	Returns the global (host) skin folder

Example Code	Description
<code>&lt;dnn:LANGUAGE runat="server" ID="dnnLANGUAGE" ShowMenu="False" ShowLinks="True" /&gt;</code>	Default configuration in default DotNetNuke skin.
<code>&lt;dnn:LANGUAGE runat="server" ID="dnnLANGUAGE" ShowLinks="False" ShowMenu="True" /&gt;</code>	Displays only dropdownlist
<code>&lt;dnn:LANGUAGE runat="server" ID="dnnLANGUAGE" ShowLinks="False" ShowMenu="True" CommonFooterTemplate=' &lt;img src="[I][FLAGSRC]" alt="[CULTURE:NATIVENAME]" border="0" /&gt;' /&gt;</code>	Displays dropdownlist and flag of currently selected language
<code>&lt;dnn:LANGUAGE runat="server" ID="dnnLANGUAGE" ShowLinks="True" ShowMenu="False" ItemTemplate='&lt;a href="[URL]" class="Language" title="[CULTURE:NATIVENAME]"&gt;&lt;span class="Language[SELECTED]"&gt;[CULTURE:NAME]&lt;/span&gt;&lt;/a&gt;' /&gt;</code>	Displays text links for languages. Selected language has different Classname



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### Links Skin Object

Description	Displays a flat menu of links related to the current tab level and parent node.
HTML Token	[LINKS]
Object Token (DNN5+)	<object id="dnnLINKS" codetype="dotnetnuke/server" codebase="LINKS" />
Ascx Control	<dnn:LINKS runat="server" id="dnnLINKS" />
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	<i>SkinObject</i>	CSS Class of the links	1.0.0
Separator	<i>&amp;nbsp;&amp;nbsp;&amp;nbsp;</i>	The separator between links. This can include custom skin images, text, and HTML. ( ie. <![CDATA[&nbsp;&nbsp;]]> )	1.0.0
Alignment	<i>Horizontal / Vertical</i>	The links menu style	1.0.0
Level	<i>Same, Child, Parent, Root</i>	Determines the menu level to display ("Same", "Child", "Parent", "Root")	1.0.0
ForceLinks	<i>True / False</i>	If true the root links to be displayed if the "Level" setting returns no links	1.0.0

### Login Skin Object

Description	Dual state control - displays "Login" for anonymous users and "Logout" for authenticated users.
HTML Token	[LOGIN]

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Object Token (DNN5+)	<code>&lt;object id="dnnLOGIN" codetype="dotnetnuke/server" codebase="LOGIN"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:Login runat="server" id="dnnLogin"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
Text	<i>Login</i>	The text of the login link	1.0.0
CssClass	<i>SkinObject</i>	The style of the login link	1.0.0
LogoffText	<i>Logoff</i>	The text for the logoff link	1.0.0

### Logo Skin Object

Description	Displays the portal logo
HTML Token	[LOGO]
Object Token (DNN5+)	<code>&lt;object id="dnnLOGO" codetype="dotnetnuke/server" codebase="LOGO"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:Logo runat="server" id="dnnLogo"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
BorderWidth	0	The border width around the logo	1.0.0

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Nav Menu Skin Object	
Description	Displays the menu, the ProviderName attribute determines what kind of menu to render.
HTML Token	[NAV]
Minimum XML (DNN3+)	<pre>&lt;Object&gt; &lt;Token&gt;[NAV]&lt;/Token&gt; &lt;Settings&gt; &lt;Setting&gt; &lt;Name&gt;ProviderName&lt;/Name&gt; &lt;Value&gt;DNNMenuNavigationProvider&lt;/Value&gt; &lt;/Setting&gt; &lt;/Settings&gt; &lt;/Object&gt;</pre>
Object Token (DNN5+)	<pre>&lt;object id="dnnNAV" codetype="dotnetnuke/server" codebase="NAV"&gt; &lt;param name="ProviderName" value="DNNMenuNavigationProvider" /&gt; &lt;/object&gt;</pre>
Ascx Control	<pre>&lt;dnn:NAV runat="server" id="dnnNAV" ProviderName=="DNNMenuNavigationProvider" /&gt;</pre>
Current Version	2.0.337, Version 2 included from DNN 5.0.0
Remarks	Use the " DNNMenuNavigationProvider" provider. Do NOT use the " SolpartMenuNavigationProvider", it is still the default provider, but this is only for downwards compatibility. The Solpart provider is not actively developed anymore.

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Attribute	Values	Description	From
ProviderName	<i>SolpartMenuNavigationProvider</i> <i>DNNMenuNavigationProvider</i> <i>DNNTreeNavigationProvider</i> <i>DNNDropDownNavigationProvider</i>	The provider for menu, use <i>DNNMenuNavigationProvider</i> . <i>SolpartMenuNavigationProvider</i> is legacy and not actively developed anymore, don't use it.	01.00.00
Below are the attributes that apply to the <i>DNNMenuNavigationProvider</i>			
Level	<i>Root, Child, Parent, Same</i>	Determine the start items of the menu. Root: start with Root items Child: Start with the Child pages of the current page Parent: Start the menu with the parent of the current page Same: The menu starts with the siblings of the current page	01.00.00
Tooltip	<i>None, Name, Title, Description</i>	Enable tooltip for the menu and set what page info to use for it.	01.00.00
PopulateNodesFromClient	<i>True / False</i>	Whether to enable AJAX rendering on the menu. This will load submenus dynamically on demand.	01.00.00
ExpandDepth		Sets number of levels the menu should show. You will have to set <i>PopulateNodesFromClient</i> to false for the desired effect.	01.00.00

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StartTabId	-1	Defines which tab ID is used as root menu item	01.00.00
ControlOrientation	<i>Horizontal / Vertical</i>	Defines the display orientation of the menu	01.00.00
ControlAlignment	<i>Left, Right, Center, Justify</i>	Set the alignment of the menu	01.00.00
IndicateChildren	<i>True / False</i>	Whether to indicate there are child items underneath a menu item, using an arrow icon. For all levels.	01.00.00
IndicateChildImageRoot	<i>/images/menu_down.gif</i>	Icon to use to indicate a root item has children.	01.00.00
IndicateChildImageSub	<i>/images/breadcrumb.gif</i>	Icon to use to indicate a sub item has children.	01.00.00
SeparatorHTML		HTML for separator between root menu items.	01.00.00
SeparatorLeftHTML		HTML to inject before a root menu item.	01.00.00
SeparatorLeftHTMLActive		HTML for separator before root item in an active state	01.00.00
SeparatorLeftHTMLBreadcrumb		HTML for separator before root item with an active child.	01.00.00

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SeparatorRightHTML		HTML to inject after a root menu item.	01.00.00
SeparatorRightHTMLActive		HTML to inject after an active root menu item.	01.00.00
SeparatorRightHTMLBreadcrumb		HTML to inject after a root menu item with an active child.	01.00.00
ForceDownLevel	<i>True / False</i>	Forces to render the menu as it is rendered for browsers that are detected as "down level" browsers	01.00.00
CSSControl	<i>MainMenu_MenuBar</i>	CSS selector for menu container	01.00.00

From version 2.0 of the menu, the following classes are rendered in the menu. You can address them by using the Root class of the menu, which you set using the CSSControl attribute.

CSS Class	Example	Meaning	From
root	.root	Root menu item	2.0.0
m	.m	All sub menu items containers get this class (by default a this is a table)	2.0.0
m[x]	.m2	A sub menu items containers on level x	2.0.0
mi	.mi	A menu item	2.0.0
id[x]	.mid38	Menu item where the page has id x	2.0.0
mi[x][-x]	.mi0 .mi1-1	Here x = the order of the item amongst its siblings. mi0-1 would be the second child of the "home" page.	2.0.0

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first	.first	first item in a list of siblings	2.0.0
last	.last	first item in a list of siblings	2.0.0
firstlast	.firstlast	Item has no siblings	2.0.0
icn	.icn	A page's icon	2.0.0
sel	.sel	An item gets this class if it's the currently selected page	2.0.0
bc	.bc	All pages that are in the currently active pages breadcrumb get this class. They are the parents of the current page.	2.0.0
hov	.hov	An item gets this class if it's hovered (using JavaScript, not CSS hover)	2.0.0
txt	.txt	The spans containing the item text get this class. This allows you to address the text separately from the icons (these get class .icn)	2.0.0

### Simplified menu classes example.

If the CSSControl attribute would be set to "MyMenu" and SubItem2 would be the active page;

**RootElement** -> class="MyMenu "

**MainItem0** -> class="bc mi mi0 id63 root first"

**SubItem0** -> class="mi mi0-0 id81 first"

**SubItem1** -> class="mi mi0-1 id83"

**SubItem2** -> class="sel bc mi mi0-2 id82 last"

**SubSubItem0** -> class="mi mi0-2-0 id84 first last firstlast"

**MainItem1** -> class="mi mi1 id80 root"

### Example CSS:

You would address the currently selected item like this;

```
. MyMenu .sel{
color:#F00;
}
```

The following attributes are the attributes that were used in the 1.0 version of the menu to address specific menu nodes with CSS, they have been replaced with the classes described above in version 2.0 of the DnnMenu.

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Attribute	New	Values	Description	From
CSSContainerSub	m	<i>MainMenu_SubMenu</i>	CSS selector for sub menu container	01.00.00
CSSNode	.mi	<i>MainMenu_MenuItem</i>	CSS selector for all menu items	01.00.00
CSSNodeRoot	.root		CSS selector for root menu item (override CSSNode)	01.00.00
CSSNodeHover	.hov	<i>MainMenu_MenuItemSel</i>	CSS selector for all menu item hover state	01.00.00
CSSNodeHoverRoot	.root.hov		CSS selector for root menu item hover state (override CSSNodeHover)	01.00.00
CSSNodeHoverSub	.mi.hov		CSS selector for sub menu items hover state (override CSSNodeHover)	01.00.00
CSSBreadcrumbSub	.mi.bc		CSS selector for sub menu items in the breadcrumb array list (override CSSNode)	01.00.00
CSSBreadcrumbRoot	.root.bc		CSS selector for root menu items in the breadcrumb array list (override CSSNode)	01.00.00



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CSSIcon	.icn		CSS Selector for the menu icon	01.00.00
CSSSeparator			CSS selector for the separator of the root menu items	01.00.00
CSSLeftSeparator			CSS selector for left separator of a menu item	01.00.00
CSSRightSeparator			CSS selector for right separator of a menu item	01.00.00
CSSLeftSeparatorSelection			CSS selector for left separator of a menu item in an active state	01.00.00

### Privacy Skin Object

Description	Displays a link to the Privacy Information for the portal
HTML Token	[PRIVACY]
Object Token (DNN5+)	<object id="dnnPRIVACY" codetype="dotnetnuke/server" codebase="PRIVACY"></object>
Ascx Control	<dnn:Privacy runat="server" id="dnnPrivacy">
Current Version	1.0.0

Attribute	Values	Description	From
Text	Privacy Statement	The text of the privacy link	1.0.0

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CssClass	<i>SkinObject</i>	The style name of privacy link	1.0.0
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### Search Skin Object

Description	Displays the search input box
HTML Token	[SEARCH]
Object Token (DNN5+)	<object id="dnnSEARCH" codetype="dotnetnuke/server" codebase="SEARCH"></object>
Ascx Control	< dnn:Search runat="server" id="dnnSearch">
Current Version	1.0.0
Remarks	The Search skin object will redirect the user to the first page it finds in the DB that contains a "Search Results" module.

Attribute	Values	Description	From
CssClass		Sets the CSS class for the option buttons and search button. If you are using the DropDownList option then you can style the search elements without requiring a custom CssClass.	01.00.00
ShowSite	<i>True / False</i>	Sets the visibility of the radio button corresponding to site based search. Set to false to hide the "Site" radio button. This setting has no effect if UseDropDownList is true.	01.00.00
ShowWeb	<i>True / False</i>	Sets the visibility of the radio button corresponding to web based searches. Set to false to hide the "Web" radio button. This setting has no effect if UseDropDownList is true.	01.00.00

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SitelconURL		Sets the site icon URL. If SitelconURL is not set or empty then this will return a site relative URL for the dotnetnuke-icon.gif image in the images/search subfolder. SitelconURL supports using app relative virtual paths designated by the use of the tilde (~).	01.00.00
SiteText		Gets or sets the text for the "site" radio button or option list item. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used.	01.00.00
SiteToolTip		Sets the tooltip text for the "site" radio button. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used.	01.00.00
SiteUrl		Gets or sets the URL for doing web based site searches. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used. The site URL is a template for an external search engine, which by default, uses Google.com. SiteURL should include the tokens [TEXT] and [DOMAIN] to be replaced automatically by the search text and the current site domain.	01.00.00
Submit		Sets the html for the submit button. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used. If you set the value to an html img tag, then the src attribute will be made relative to the current skinpath.	01.00.00
UseWebForSite	True / False	Sets a value indicating whether to use the web search engine for site searches. Set this value to true to perform a domain limited search using the search engine defined by SiteURL.	01.00.00

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UseDropDownList	True / False	Sets a value indicating whether to display the site/web options using a drop down list. If true, then the site and web options are displayed in a drop down list. If the drop down list is used, then the ShowWeb and ShowSite properties are not used.	01.00.00
WebIconURL		Sets the web icon URL. If the WebIconURL is not set or is an empty string then this will return a site relative URL for the google-icon.gif image in the images/search subfolder. WebIconURL supports using app relative virtual paths designated by the use of the tilde (~).	01.00.00
WebText		Sets the text for the "web" radio button or option list item. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used.	01.00.00
WebToolTip		Sets the tooltip text for the "web" radio button. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used.	01.00.00
WebURL		Gets or sets the URL for doing web based searches. If the value is not set or is an empty string, then the localized value from /admin/skins/app_localresources/Search.ascx.resx localresource file is used. The web URL is a template for an external search engine, which by default, uses Google.com. The WebURL should include the token [TEXT] to be replaced automatically by the search text. The [DOMAIN] token, if present, will be replaced by an empty string.	01.00.00

### Signin Skin Object

Description	Displays the signin control for providing your username and password.
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HTML Token	[SIGNIN]
Object Token (DNN5+)	<object id="dnnSIGNIN" codetype="dotnetnuke/server" codebase="SIGNIN"></object>
Ascx Control	< dnn:Signin runat="server" id="dnnSignin">
Current Version	1.0.0

### Styles Skin Object

Description	Allows you to add Internet Explorer specific style sheets to your skin, please note that this Skin Object might be replaced in the Future.
HTML Token	[STYLES]
Object Token (DNN5+)	<object id="dnnSTYLES" codetype="dotnetnuke/server" codebase="STYLES"></object>
Ascx Control	<dnn:STYLES runat="server" ID="StylesIE6" />
Current Version	1.0.0

Attribute	Values	Description	From
Condition		Internet Explorer specific condition. See: <a href="http://msdn.microsoft.com/en-us/library/ms537512(VS.85).aspx">http://msdn.microsoft.com/en-us/library/ms537512(VS.85).aspx</a>	1.0.0
IsFirst	<i>False</i>	Adds the stylesheet link before all the other stylesheets, if False added after the last stylesheet (portal.css)	1.0.0
Name		Set the ID of the stylesheet link	1.0.0
StyleSheet		Filename of the stylesheet	1.0.0
UseSkinPath	<i>True</i>	Adds the skinpath to the value set in the StyleSheet attribute	1.0.0

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### Terms Skin Object

Description	Displays a link to the Terms and Conditions for the portal
HTML Token	[TERMS]
Object Token (DNN5+)	<object id="dnnTERMS" codetype="dotnetnuke/server" codebase="TERMS"></object>
Ascx Control	<dnn:Terms runat="server" id="dnnTerms">
Current Version	1.0.0

Attribute	Values	Description	From
Text	<i>Terms of User</i>	The text of the terms link	1.0.0
CssClass	<i>SkinObject</i>	The style name of terms link	1.0.0

### Text Skin Object

Description	Displays Localized text in your skin, also supports the use of Token replacement
HTML Token	[TEXT]
Object Token (DNN5+)	<object id="dnnTEXT" codetype="dotnetnuke/server" codebase="TEXT"></object>
Ascx Control	<dnn:TEXT runat="server" id="dnnTEXT" />
Current Version	1.0.0

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Attribute	Values	Description	From
Text		The text to display if there is no text available from a resource file. This is also the name of the key in the resource file that will be used	1.0.0
resourceKey		The name of the resource file (*.resx) to use.	
replaceTokens	True / False	Use DNN core token replace	
CssClass	Normal	CSS class to be rendered	

### Available Tokens:

#### Portal

- [Portal:url]
- [Portal:portalid]
- [Portal:portalname]
- [Portal:homedirectory]
- [Portal:homedirectorymappath]
- [Portal:logfile]
- [Portal:footertext]
- [Portal:expirydate]
- [Portal:userregistration]
- [Portal:banneradvertising]
- [Portal:currency]
- [Portal:administratorid]
- [Portal:email]
- [Portal:hostfee]
- [Portal:hostspace]
- [Portal:administratorroleid]
- [Portal:administratorrolename]
- [Portal:registeredroleid]
- [Portal:registeredrolename]
- [Portal:description]
- [Portal:keywords]
- [Portal:backgroundfile]
- [Portal:siteloghistory]
- [Portal:admintabid]
- [Portal:supertabid]
- [Portal:splashtabid]
- [Portal:hometabid]
- [Portal:logintabid]

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[Portal:usertabid]  
[Portal:defaultlanguage]  
[Portal:timezoneoffset]  
[Portal:version]

### Tab

[Tab:tabid]  
[Tab:taborder]  
[Tab:portalid]  
[Tab:tabname]  
[Tab:parentid]  
[Tab:level]  
[Tab:iconfile]  
[Tab:title]  
[Tab:description]  
[Tab:keywords]  
[Tab:url]  
[Tab:skinsrc]  
[Tab:containersrc]  
[Tab:tabpath]  
[Tab:startdate]  
[Tab:enddate]  
[Tab:skinpath]  
[Tab:containerpath]  
[Tab:fullurl]  
[Tab:refreshinterval]  
[Tab:pageheadtext]  
[Tab:authorizedroles]  
[Tab:administratorroles]

### Module

[Module:portalid]  
[Module:tabid]  
[Module:tabmoduleid]  
[Module:moduleid]  
[Module:moduledefid]  
[Module:moduleorder]  
[Module:panename]  
[Module:modulename]  
[Module:authorizededitroles]  
[Module:cachetime]  
[Module:authorizedviewroles]  
[Module:alignment]  
[Module:color]



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[Module:border]  
[Module:iconfile]  
[Module:authorizedroles]  
[Module:header]  
[Module:footer]  
[Module:startdate]  
[Module:enddate]  
[Module:containersrc]  
[Module:desktopmoduleid]  
[Module:friendlyname]  
[Module:description]  
[Module:version]  
[Module:businesscontrollerclass]  
[Module:modulecontrolid]  
[Module:controlsrc]  
[Module:controltitle]  
[Module:helpurl]  
[Module:containerpath]  
[Module:panemoduleindex]  
[Module:panemodulecount]  
[Module:supportedfeatures]

### User

[User:affiliateid]  
[User:displayname]  
[User:email]  
[User:firstname]  
[User:lastname]  
[User:portalid]  
[User:userid]  
[User:username]  
[User:fullname]

### Membership

[Membership:createddate]  
[Membership:lastactivitydate]  
[Membership:lastlockoutdate]  
[Membership:lastlogindate]  
[Membership:lastpasswordchangedate]  
[Membership:password]  
[Membership:passwordanswer]  
[Membership:passwordquestion]  
[Membership:email]  
[Membership:username]

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### Profile

[Profile:cell]  
[Profile:city]  
[Profile:country]  
[Profile:fax]  
[Profile:firstname]  
[Profile:fullname]  
[Profile:im]  
[Profile:lastname]  
[Profile:postalcode]  
[Profile:preferredlocale]  
[Profile:region]  
[Profile:street]  
[Profile:telephone]  
[Profile:unit]  
[Profile:timezone]  
[Profile:website]

### Date

[Date:current]  
[Date:now]

### Ticks

[Ticks:today]  
[Ticks:now]  
[Ticks:ticksperday]

## Tree View Menu Skin Object

Description	Display a navigation Menu using the DNN Treeview Control to provide a Windows Explore like Menu.
HTML Token	[TREEVIEW]
Object Token (DNN5+)	<object id="dnnTREEVIEW" codetype="dotnetnuke/server" codebase="TREEVIEW"></object>
Ascx Control	<dnn:TREEVIEW runat="server" id="dnnTREEVIEW" level="root" />
Current Version	1.0.0

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Attribute	Values	Description	From
BodyCssClass		Css class for the body of the treeview menu	1.0.0
CssClass	<i>SkinObject</i>	Css class for the treeview control	1.0.0
HeaderCssClass		Css class for the header	1.0.0
HeaderTextCssClass	<i>Head</i>	Css class for the header text	1.0.0
HeaderText		Text for the header of the tree menu	1.0.0
IncludeHeader	<i>True</i>		1.0.0
Level		Indicates the root level of the tree menu (blank = root) [parent   child   same]	1.0.0
NodeChildCssClass	<i>Normal</i>	Css class for a child node	1.0.0
NodeClosedImage	<i>folderclosed.gif</i>	Image for a closed (not in current breadcrumbs but has children) node	1.0.0
NodeCollapseImage	<i>min.gif</i>	Image to shown that will activate a collapse of the menu node	1.0.0
NodeCssClass	<i>Normal</i>	Css class for the nodes	1.0.0
NodeExpandImage	<i>max.gif</i>	Image to shown that will activate an expansion of the menu node	1.0.0
NodeLeafImage	<i>file.gif</i>	Image used for a “leaf” node (no children)	1.0.0
NodeOpenImage	<i>folderopen.gif</i>	Image for a opened (in current breadcrumbs and has children) node	1.0.0
NodeOverCssClass	<i>Normal</i>	Css class for a node on mouseover	1.0.0
NodeSelectedCssClass	<i>Normal</i>	Css class for the selected node	1.0.0
NoWrap	<i>false</i>	Replaces spaces in the text of the node with non breaking spaces	1.0.0

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ResourceKey		Resource Key to localize the Title text. If blank Text property will be used	1.0.0
RootOnly	<i>false</i>	Show only the root menu (no children)	1.0.0
TreeCssClass		Css class for the tree	1.0.0
TreeGoUpImage	<i>folderup.gif</i>	Image to go up a level on the tree	1.0.0
TreeIndentWidth	<i>10</i>	Addition width to indent each tree level	1.0.0
Width	<i>100%</i>	With of tree control	1.0.0

### User Skin Object

Description	Dual state control - displays a “Register” link for anonymous users or the users name for authenticated users.
HTML Token	[USER]
Object Token (DNN5+)	<object id="dnnUSER" codetype="dotnetnuke/server" codebase="USER"></object>
Ascx Control	<dnn:User runat="server" id="dnnUser">
Current Version	1.0.0

Attribute	Values	Description	From
Text	<i>Register</i>	The text of the register/user link	1.0.0
CssClass	<i>Skinobject</i>	The style name of register/user link	1.0.0

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### Container Objects

- File location: /Admin/Containers
- stored in the ModuleControls database table)

Actions Container Object	
Description	Generates a menu that shows the container actions
HTML Token	[ACTIONS]
Minimum XML (DNN3+)	<pre>&lt;Object&gt; &lt;Token&gt;[ACTIONS]&lt;/Token&gt; &lt;Settings&gt; &lt;Setting&gt; &lt;Name&gt;ProviderName&lt;/Name&gt; &lt;Value&gt;DNNMenuNavigationProvider&lt;/Value&gt; &lt;/Setting&gt; &lt;/Settings&gt; &lt;/Object&gt;</pre>
Object Token (DNN5+)	<pre>&lt;object id="dnnACTIONS" codetype="dotnetnuke/server" codebase="ACTIONS"&gt; &lt;param name="ProviderName" value="DNNMenuNavigationProvider" /&gt; &lt;/object&gt;</pre>
Ascx Control	<pre>&lt;dnn:ACTIONS runat="server" ID="dnnACTIONS" ProviderName="DNNMenuNavigationProvider" /&gt;</pre>
Current Version	1.0.0

Attribute	Values	Description	From
PopulateNodesFromClient	<i>True / False</i>	Populate the menu nodes only if the menu is opened (parent item hovered)	1.0.0
ExpandDepth		Number of Levels to populate at each populate on demand	1.0.0

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ProviderName	DNNMenuNavigationProvider, <i>SolpartMenuNavigationProvider</i>	The provider to use for the action menu.	1.0.0
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### Action button Container Object

Description	Generic Button control used for various actions involving a module. (more info attributes)
HTML Token	[ACTIONBUTTON]
Object Token (DNN5+)	<object id="dnnACTIONBUTTON" codetype="dotnetnuke/server" codebase="ACTIONBUTTON"></object>
Ascx Control	<dnn:ActionButton runat="server" id="dnnActionButton">
Current Version	1.0.0

Attribute	Values	Description	From
CommandName	AddContent EditContent ContentOptions SyndicateModule ImportModule ExportModule OnlineHelp ModuleHelp HelpText PrintModule ModuleSettings DeleteModule ClearCache MoveTop MoveUp MoveDown MoveBottom MovePane MoveRoot	Sets which action link to display. Maps to ModuleActionType in DotNetNuke.Entities.Modules.Actions	1.0.0

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CssClass	<i>CommandButton</i>	Cssclass for the button	1.0.0
DisplayLink	<i>True / False</i>	Display the localized text for the command	1.0.0
DisplayIcon	<i>True / False</i>	Display the icon for the command	1.0.0
IconFile		File to use for command icon if not using the built in command icon (i.e. myicon.gif)	1.0.0

### Content Pane Container Object

Description	Injects a placeholder for module content
HTML Token	[CONTENTPANE]
Object Token (DNN5+)	<object id="CONTENTPANE" codetype="dotnetnuke/server" codebase="CONTENTPANE"></object>
Ascx Control	<div runat="server" id="ContentPane">
Current Version	1.0.0

Attribute	Values	Description	From
ID	<i>ContentPane</i>	The content pane key identifier to be displayed in the user interface and stored in the database, you must use this default value.	1.0.0

### Dropdown Actions Container Object

Description	Simple dropdown combobox for module actions
HTML Token	[DROPDOWNACTIONS]
Object Token (DNN5+)	<object id="dnnDROPDOWNACTIONS" codetype="dotnetnuke/server"

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	<code>codebase="DROPDOWNACTIONS"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:DropDownActions runat="server" id="dnnDropDownActions"&gt;</code>
Current Version	1.0.0

### Icon Container Object

Description	Displays the icon related to the module
HTML Token	[ICON]
Object Token (DNN5+)	<code>&lt;object id="dnnICON" codetype="dotnetnuke/server" codebase="ICON"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:Icon runat="server" id="dnnIcon"&gt;</code>
Current Version	1.0.0

Attribute	Values	Description	From
BorderWidth	0	The border width around the icon	1.0.0

### Link Actions Container Object

Description	Links of module actions (inline)
HTML Token	[LINKACTIONS]
Object Token (DNN5+)	<code>&lt;object id="dnnLINKACTIONS" codetype="dotnetnuke/server" codebase="LINKACTIONS"&gt;&lt;/object&gt;</code>
Ascx Control	<code>&lt;dnn:LinkActions runat="server" id="dnnLinkActions"&gt;</code>
Current Version	1.0.0



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### Title Container Object

Description	Displays the title of the module
HTML Token	[TITLE]
Object Token (DNN5+)	<object id="dnnTITLE" codetype="dotnetnuke/server" codebase="TITLE"></object>
Ascx Control	< dnn:Title runat="server" id="dnnTitle">
Current Version	1.0.0

Attribute	Values	Description	From
CssClass	Head	The style name of title	1.0.0

### Visibility Container Object

Description	Displays an icon representing the minimized or maximized state of a module.
HTML Token	[VISIBILITY]
Object Token (DNN5+)	<object id="dnnVISIBILITY" codetype="dotnetnuke/server" codebase="VISIBILITY"></object>
Ascx Control	<dnn:Visibility runat="server" id="dnnVisibility">
Current Version	1.0.0

Attribute	Values	Description	From
BorderWidth	0	The border width around the icon	1.0.0
MinIcon	<i>min.gif</i>	The custom min icon file located in the skin folder	1.0.0

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MaxIcon	<i>max.gif</i>	The custom max icon file located in the skin folder	1.0.0
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### Legacy Skin objects

This is a list of deprecated skin and container objects, with an advice what skin object to use instead. These skin objects are included for downward compatibility only, we advise you not to use them since they are not actively developed anymore and might not be supported in future DotNetNuke versions.

Legacy Skin / Container Object	What skin object to use as a replacement
SolpartMenu Skin Object	NAV Menu Skin Object
Menu Skin Object	NAV Menu Skin Object
SolpartActions Container Object	Actions Container Object
PrintModule Container Object	Action Button Container Object