The CMSBreadCrumbs control shows users their current position within Kentico websites in format:

<u>Item 1</u> > <u>Item 2</u> > **Item 3**

Where **Item X** are the names of parent pages in the current path.

> ℹ **Web part equivalent (portal engine)**: Breadcrumbs

Getting started

The following is a step-by-step tutorial that shows how to display a user's current location within the structure of a website using the CMSBreadCrumbs control:

1. Create a new ASPX page template.
2. In Visual Studio, drag the **CMSBreadCrumbs** control from the toolbox onto the page template's form.
3. Create a page based on the template in Kentico.

The control displays the current position on the website.

<u>Control Examples</u> > CMSBreadCrumbs

Configuration

You can set the following properties for the CMSBreadCrumbs control:

CMSBreadCrumbs properties	Description	Sample value
BreadCrumbSeparator	Characters that separate the breadcrumbs. You can use HTML code here.	">>"
BreadCrumbSeparatorRTL	Characters that separate the bread crumbs in RTL (right-to-left) mode. You can use HTML code here.	"<<"
DefaultPath	Sets a default path displayed in the breadcrumbs if no path is provided from the current page context.	"/home"
EncodeName	Indicates whether the control HTML encodes the items in the breadcrumbs.	
IgnoreShowInNavigation	The control ignores the **ShowInNavigation** property of pages if this property is true.	
LoadDataAutomaticaly	Indicates whether the control automatically loads page data. True by default. If you set this property to false, you need to assign a custom DataSet into the **DataSource** property and then call the control's **ReloadData** method.	
RenderedHTML	Allows you to get or set the HTML code rendered by the control. You need to set this property before the Render event - e.g. in the OnLoad event.	
RenderLinkTitle	Indicates if the control renders TITLE tags for links containing the corresponding page names (for better website accessibility).	
ShowCurrentItem	Indicates if the breadcrumbs display the current (last) item. True by default.	
ShowCurrentItemAsLink	Indicates if the breadcrumbs display the current (last) item as a link. False by default.	

StartingPath	Selects a page from which the path in the breadcrumbs starts. Enter / (root page) to have the breadcrumbs display the full website path. For example, if you set this value to /News and go to /News/Events/2013, the breadcrumbs only display **Events -> 2013**.	"/products"
UrlTarget	Specifies the target frame for all links generated by the breadcrumbs.	"_blank"
UseRtlBehaviour	Indicates whether the control renders the breadcrumbs from right to left for RTL cultures.	

Common navigation properties	Description	Sample value
ApplyMenuDesign	Indicates whether the control applies page menu design settings. True by default.	
Columns	Contains the names of columns that the control loads for pages (menu items) in addition to the default columns. If you need data from other columns, type their names separated by commas. **Note**: To find a full list of the default navigation columns, use the SQL queries debugging tool and inspect the query performed by your navigation control.	"Document PageTitle, Document PageKeywords"
HideControlForZeroRows	Indicates whether the control should be hidden when no data is loaded. Default value is False.	
HighlightAllItemsInPath	Indicates whether the control highlights all items on the visitor's current path.	
SubmenuIndicator	Path to an image displayed next to every menu item that contains sub-items.	
UseAlternatingStyles	Indicates whether the control uses alternating styles for even and odd items on the same menu level.	
UseItemImagesForHiglightedItem	Indicates whether the control uses the item image if the highlighted image is not specified.	
WordWrap	Indicates whether text displayed by the control uses word wrapping. If disabled, text that is too long is replaced by 'nbsp'.	
ZeroRowsText	Text shown if no records are found. This text is not visible when the control is hidden by the **HideControlForZeroRows** property.	"No records found."

Page filtering properties	Description	Sample value
CheckPermissions	Indicates if the control checks the permissions of the user viewing the page. If the value is false (default value) no permissions are checked. If true, the control only loads pages for which the user viewing the page has read permissions.	

ClassNames	Specifies which page types the control loads and displays. Identify page types through their code names, separated by semicolons (;). You can use the * wildcard as a substitute for any number of characters. For example *Product.** includes the page types *Product.Camera*, *Product.CellPhone*, *Product.Computer* etc. If the property is left empty, the control retrieves all page types by default. In the case of menu and navigation controls, only *CMS.MenuItem pages* are loaded by default. **Note**: If the control loads all page types (empty value), only the data from the *View_CMS_Tree_Joined* and the *COM_SKU* table (for product pages) are available in the retrieved data. The specific fields of individual page types are not included. You need to keep this in mind when writing the code of transformations, WHERE conditions, ORDER BY expressions etc.	"cms.news" "cms.news; cms.article"
CombineWithDefaultCulture	Indicates whether the control loads pages from the website's default culture version if the required pages are not available in the user's selected culture. Only applies if you do not set the **TreeProvider** property manually.	
CultureCode	Specifies the culture code of the pages that the control loads. If not specified, the control automatically uses the preferred culture of the user viewing the page.	"en-us"
DataSource	Allows you to manually assign a DataSet or DataTable containing the pages that the control displays. You do not need to set this property for standard scenarios.	
FilterOutDuplicates	Indicates if the control filters out duplicated (linked) pages from the data.	
MaxRelativeLevel	Specifies the maximum number of content tree sub-levels from which the control displays pages. This number is relative, i.e. counted from the location of the page where the control is placed, not from the root of the website. Enter *-1* to load all child pages.	
Path	Path of the pages that the control loads. **See**: Writing page path expressions	
SelectOnlyPublished	If enabled, the control only loads published pages.	
TreeProvider	Gets or sets the *TreeProvider* object used by the control to access page data. If you do not assign a TreeProvider object, the control automatically creates a new instance.	

CMS Base control properties	Description	Sample value
CacheDependencies	List of the cache keys on which the control's cached data depends. When the specified cache items change, the control clears its cache. Each item (dependency) must be on one line. If you leave this property empty, the control uses default dependencies. **See also**: Setting cache dependencies, Configuring caching	cms.user|all

CacheItem Name	Sets the name of the cache key used to store the control's content. If you leave the value empty, the system generates a default name containing variables, such as the control ID, the selected culture and the name of the user who loaded the page. The system cache is shared by all pages in your application, so cache item names representing different data must be unique globally. If you have multiple controls that load the same data, you can share the cache keys between the controls (optimizes loading of content and avoids redundant data in the cache). If the content displayed by the control depends on variables, such as URL parameters, you can set a custom name dynamically in the page's code behind. **See also**: Caching the data of page components, Configuring caching	"CMSRep eaterNew s" + Request. QueryStri ng["id"]. ToString()
CacheMinut es	Sets the number of minutes for which the control caches content retrieved from the database. • 0 indicates that control does not cache content • -1 indicates that the control uses the site-level content caching settings Allows you to set up caching of content so that the control doesn't have to retrieve content from the database on each request. The caching mechanism uses absolute expiration time. This means that cache items expire after a specified time period even if the page containing the control wasn't requested. **See also**: Caching the data of page components, Configuring caching	
FilterContr ol	Gets or sets the filter control used to limit the data read by the control.	
FilterName	Gets or sets the code name of the filter control used to limit the data read by this control.	
OrderBy	Gets or sets the ORDER BY clause of the SQL query that the control uses to load data.	"NewsRel easeDate DESC"
SelectedCo lumns	Database table columns that the control loads for pages, separated by commas (,). If null or empty, the control loads all available columns.	
SiteName	Specifies the code name of the Kentico website for which the control loads data.	
StopProces sing	If true, the control stops all processing — does not load or display any data or other HTML output.	
TopN	Specifies the maximum number of database records that the control loads.	
WhereCond ition	Gets or sets the WHERE clause of the SQL query that the control uses to loads data.	"Product Price > 100"

Appearance and styling

The appearance of the CMSBreadCrumbs control is determined by its properties and CSS classes. You can use the following CSS classes to modify the design of the control:

CSS class name	Applies to
CMSBreadCrumbsLink	Links (A elements) in the breadcrumbs path.
CMSBreadCrumbsCurrentItem	The last item in the breadcrumbs, representing the user's current location.

The recommended place to define these classes is in a Kentico stylesheet using the **CSS stylesheets** application.

You can apply stylesheets to:

- Entire websites
- Individual pages that contain the control