

The DataPager control can ensure paging for the following CMSControls:

- [CMSDataList](#)
- [CMSRepeater](#)
- [CMSSearchResults](#)
- [QueryDataList](#)
- [QueryRepeater](#)

You do not need to use the DataPager separately, it is built into the above controls. You can enable or disable the DataPager through the **EnablePaging** property.



**Note:** If possible, it is recommended to use the newer [UniPager](#) control instead.

## Getting started

The following is a step-by-step tutorial that shows how to use the DataPager control with a CMSRepeater control that displays all pages (menu items) in the system:

1. Create a new **Web form** somewhere in your web project.
2. Drag the **CMSRepeater** control from the toolbox onto the form.
3. Set the following properties for the CMSRepeater:

- **Path:** /%
- **ClassNames:** cms.menuitem
- **EnablePaging:** True



This tells the CMSRepeater which page types to read and enables the DataPager.

4. Add the code marked by the **CMSRepeater templates** comments between the `<cms:CMSRepeater>` tags. The overall code of the CMSRepeater control should look like this:

```
<cms:CMSRepeater ID="CMSRepeater1" runat="server" Path="/" ClassNames="cms.
menuitem" EnablePaging="true" >

    <%-- CMSRepeater templates
    ----- %>

        <ItemTemplate>
            <%# HTMLHelper.Encode( Convert.ToString(Eval
("NodeAliasPath"))) %>
        </ItemTemplate>
        <AlternatingItemTemplate>
            <font color="#999999">
                <%# HTMLHelper.Encode( Convert.ToString(Eval
("NodeAliasPath"))) %>
            </font>
        </AlternatingItemTemplate>
        <SeparatorTemplate>
            <br />
        </SeparatorTemplate>

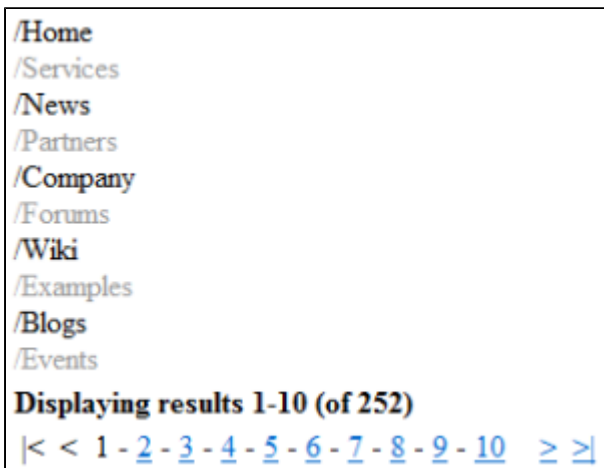
    <%-- CMSRepeater templates
    ----- %>

</cms:CMSRepeater>
```

**i** This sets the templates used by the CMSRepeater to display the pages (menu items). The control dynamically replaces the `<%# ... %>` tags with values of the currently displayed record. This is then repeated for every record in the data source.

5. Save the web form.
6. Right-click the web form in the Solution explorer and select **View in Browser**.

The control displays a pager under the list:



The screenshot shows a list of menu items: /Home, /Services, /News, /Partners, /Company, /Forums, /Wiki, /Examples, /Blogs, and /Events. Below the list, it says "Displaying results 1-10 (of 252)". At the bottom, there is a pager control with navigation links: < < 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 > >.

## Configuration

You can access the properties of the DataPager through the **PagerControl** property of the connected listing control, for example:

```
CMSRepeater1.PagerControl.BackText = "<-";
```

Common pager control properties	Description
CurrentPage	The current page number.
MaxPages	Maximum number of pages that the control displays.
PageCount	The current number of pages (read only).
PageSize	The number of displayed items per page.

DataPager properties	Description	Sample value
DataSource	Can be used to access the object of the pager's data source.	
BackNextDisplay	Back/Next display mode.	"Buttons" "Hyperlinks"
BackNextLocation	Back/Next location.	"Right" "Left" "Split" "None"
BackText	Back button/hyperlink text.	
FirstText	First button/hyperlink text.	
HideOnSinglePage	If true, the pager is hidden if only one page is displayed.	
IgnoreQueryString	Indicates whether querystring parameters should be ignored.	
InsertKeys	Adds keys to the querystring.	
InsertToUrl	Indicates whether inserting querystring keys is enabled.	
LabelText	Label text.	
LastText	Last text.	
NextText	Next button/hyperlink text.	
PagedData	Gets the data to be paged.	
PageNumbersDisplay	Page numbers display mode.	"Numbers" "Results"
PagerPosition	The position of the pager relative to the paged data.	"Bottom" "Top" "TopAndBottom"
PagingMode	Determines the type of the used paging parameter. It can either be passed through the URL (QueryString) or through postback (PostBack).	"PostBack" "QueryString"
QueryStringKey	Query parameter name for the page index.	"pagenumber"
RecordEnd	Index of the last record on the current page.	

RecordStart	Index of the first record on the current page.	
RemoveFromUrl	Indicates whether removing querystring keys is enabled.	
RemoveKeys	Removes keys from the querystring.	
ResultsFormat	Results text format.	"Displaying results {0}-{1} (of {2})"
ResultsLocation	Results location.	"Top" "Bottom" "None"
ShowFirstLast	Indicates whether first/last buttons should be displayed.	
ShowLabel	Indicates whether labels should be displayed.	
ShowPageNumbers	Indicates whether page numbers should be displayed.	
SliderSize	Slider size.	
TotalRecords	Total amount of data source records.	
UseSlider	Indicates whether the slider should be used.	

## Appearance and styling

You can modify the appearance of the DataPager through the following properties or the CSS classes that they specify:

DataPager property	Description
BackNextButtonStyle	Back/Next button style.
BackNextLinkSeparator	Back/Next link separator.
BackNextStyle	Back/Next style.
ControlCssClass	CSS class of the pager control.
LabelStyle	Label style.
PageNumbersStyle	Page numbers style.
PageNumbersSeparator	Page numbers separator.
PagerControlStyle	Pager control style.
PagerHTMLAfter	HTML code to be rendered after the pager.
PagerHTMLBefore	HTML code to be rendered before the pager.
PagerNumberAreaClass	CSS class of the number area.
ResultsStyle	Results style.
SectionPadding	Section padding.
SelectedClass	CSS class of the selected page.

UnselectedClass	CSS class of unselected pages.
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