WebExpander White Paper

This whitepaper describes the concept and features introduced in WebExpander.

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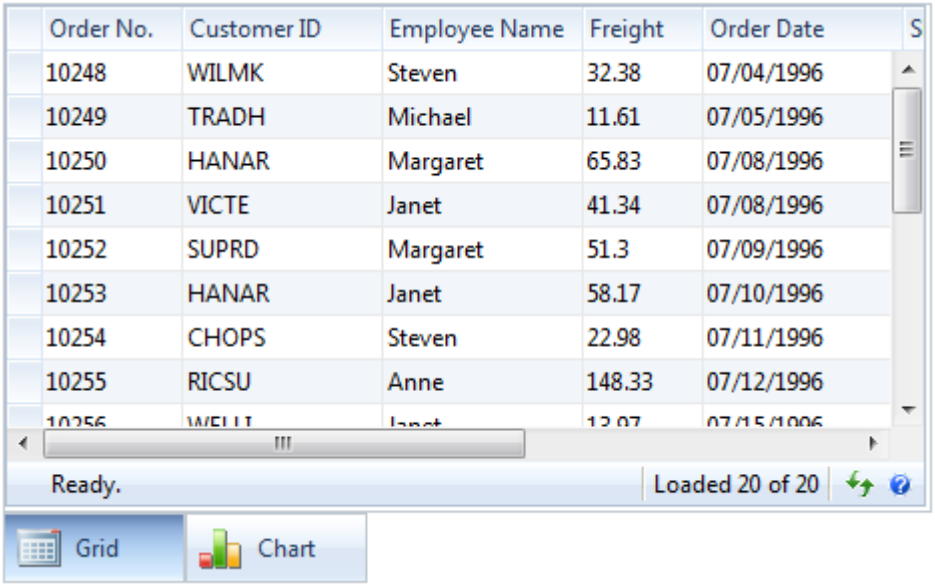
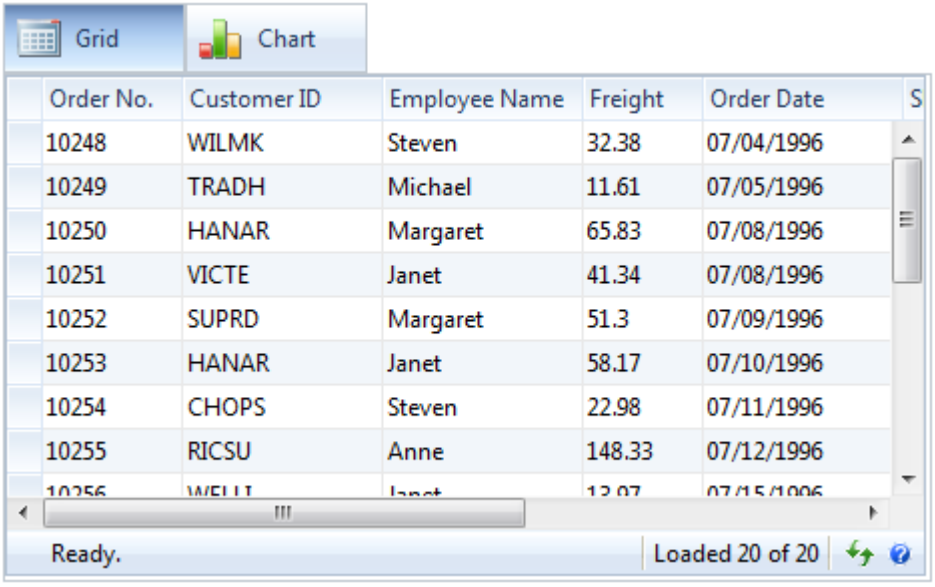
View Customization

WebExpander provides 4 expand directions, up, down, left, and right.

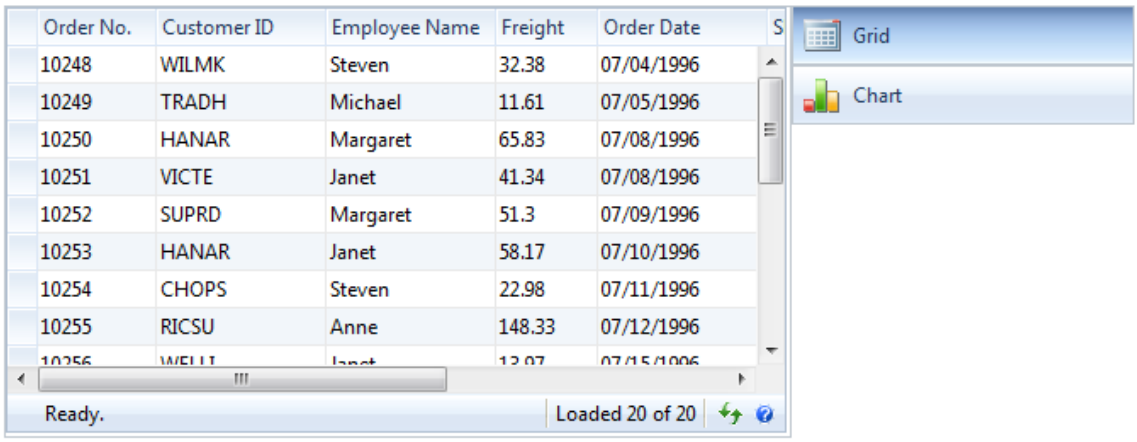
- Up



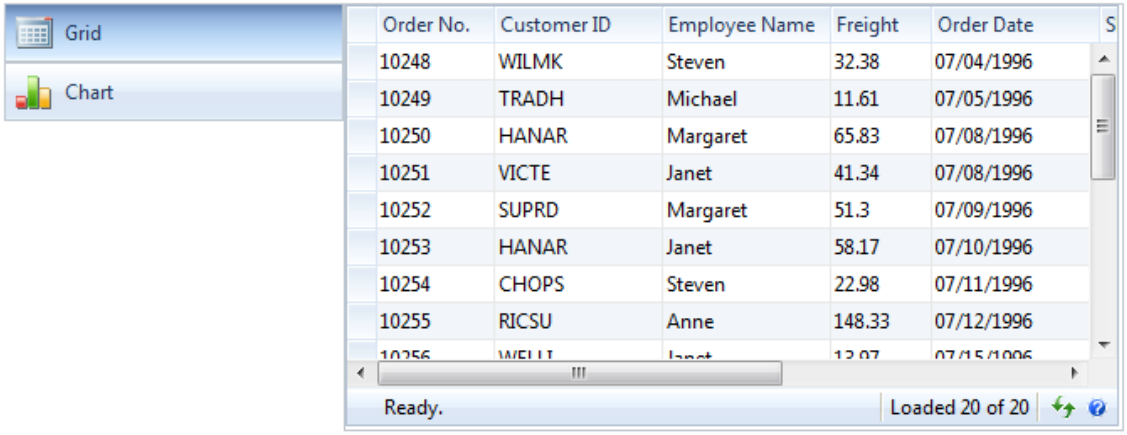
- Down



- Left


Order No.
Customer ID
Employee Name
Freight
Order Date
10248 WILMK Steven 32.38 07/04/1996
10249 TRADH Michael 11.61 07/05/1996
10250 HANAR Margaret 65.83 07/08/1996
10251 VICTE Janet 41.34 07/08/1996
10252 SUPRD Margaret 51.3 07/09/1996
10253 HANAR Janet 58.17 07/10/1996
10254 CHOPS Steven 22.98 07/11/1996
10255 RICSU Anne 148.33 07/12/1996
Ready.
Loaded 20 of 20
Grid
Chart

- Right


Grid
Chart
Order No.
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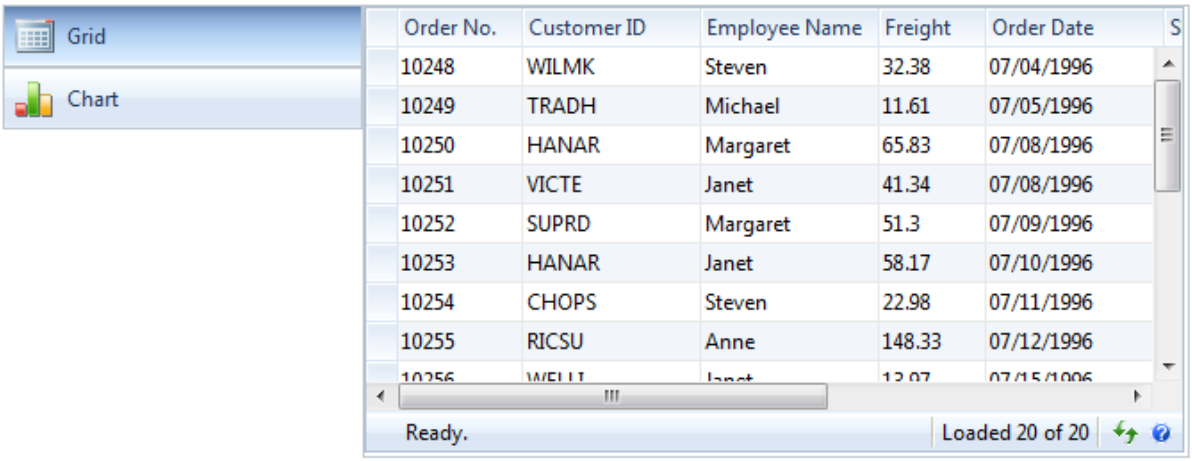
10254 CHOPS Steven 22.98 07/11/1996
10255 RICSU Anne 148.33 07/12/1996
Ready.
Loaded 20 of 20

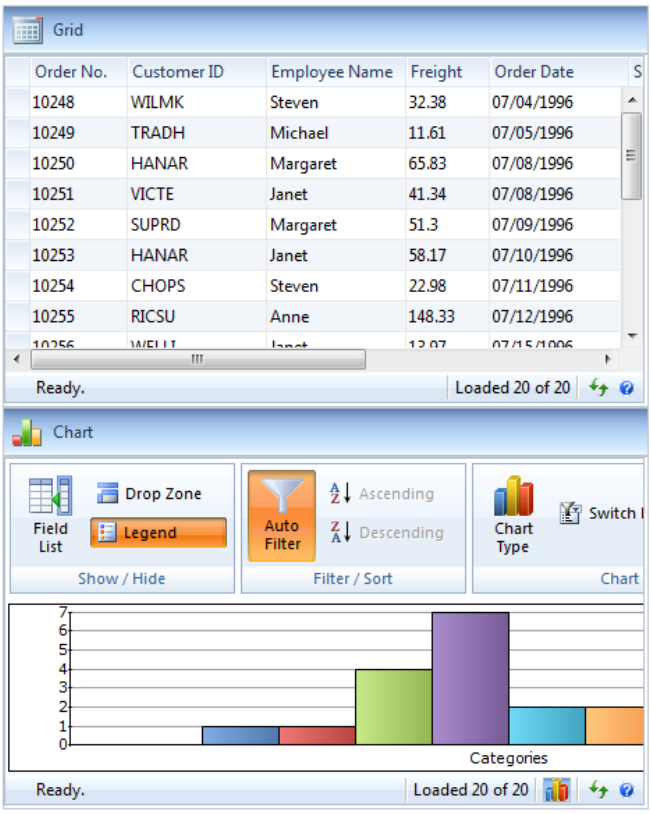
Behavior Customization

Complementing the expand direction feature, WebExpander also offers 2 expand modes: *Fixed* and *Flow*.

Fixed mode is similar to Tabbed Document Interface (TDI), in which all the content is contained in a single window and the content could be switched using the header item.

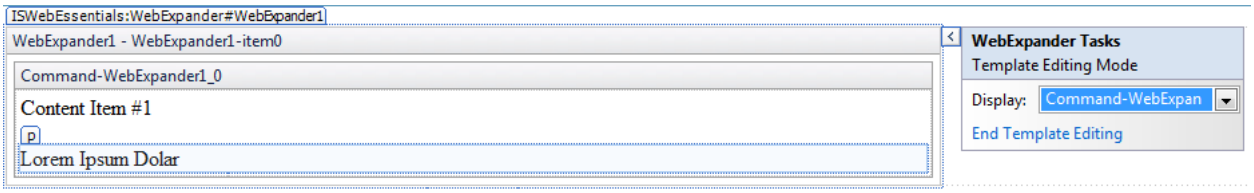


Flow mode is similar to Multiple Document Interface (MDI), in which every header item will have its own content window which will expand in the direction determine in the WebExpander flow property.

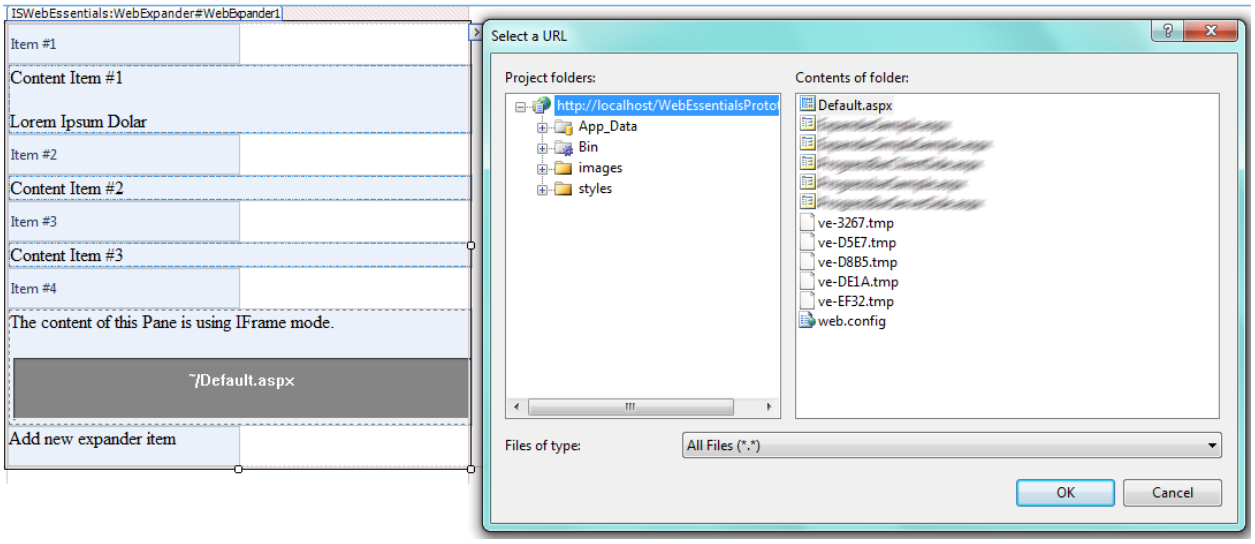


Rich Content Support

Using custom template in the content and header section, you can deliver a richer content and embed it to WebExpander.



Content sections also support IFrame for rich content.



Integration to FullPostBack and FlyPostBack (AJAX)

Postback is triggered on every item expanded or collapsed. WebExpander offers **PostBackMode** property to determine the postback action it uses, FullPostBack and FlyPostBack.

XHTML Compliance

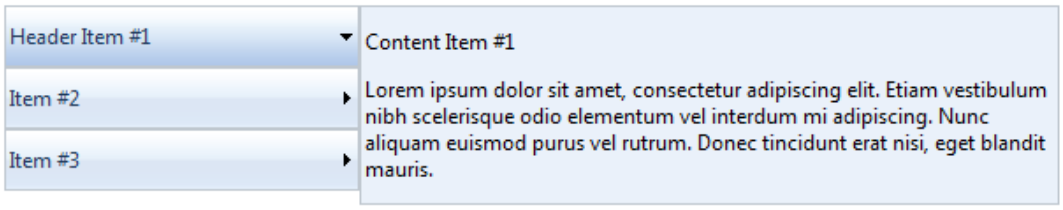
WebExpander is designed to fully comply with W3C's XHTML standard – providing identical rendering when running in different modern XHTML-ready browsers.

Appearance and Styles

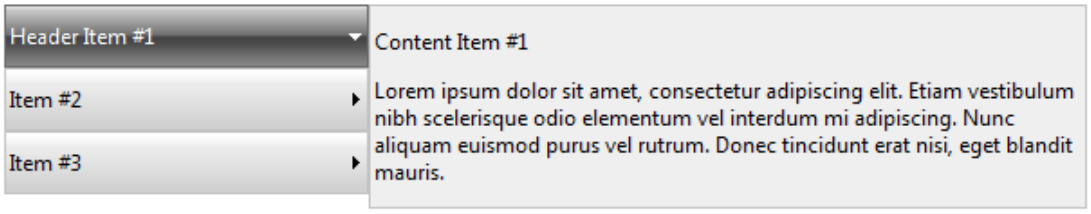
Default Styles

The available default styles of WebExpander are:

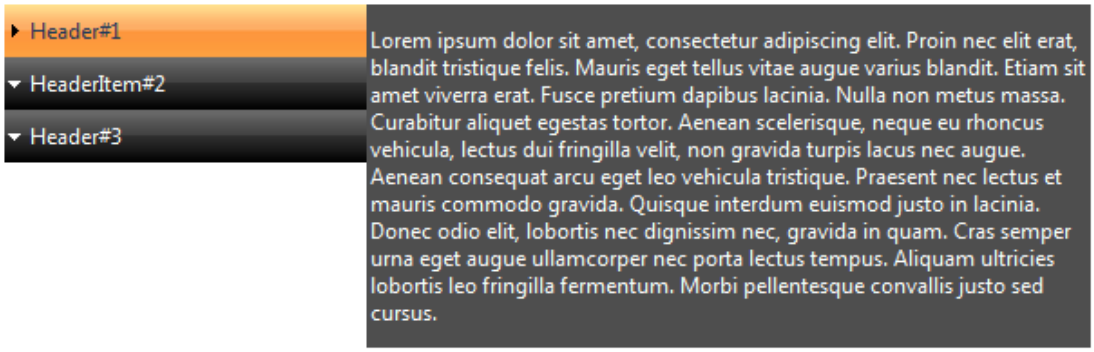
- Default



- Silver

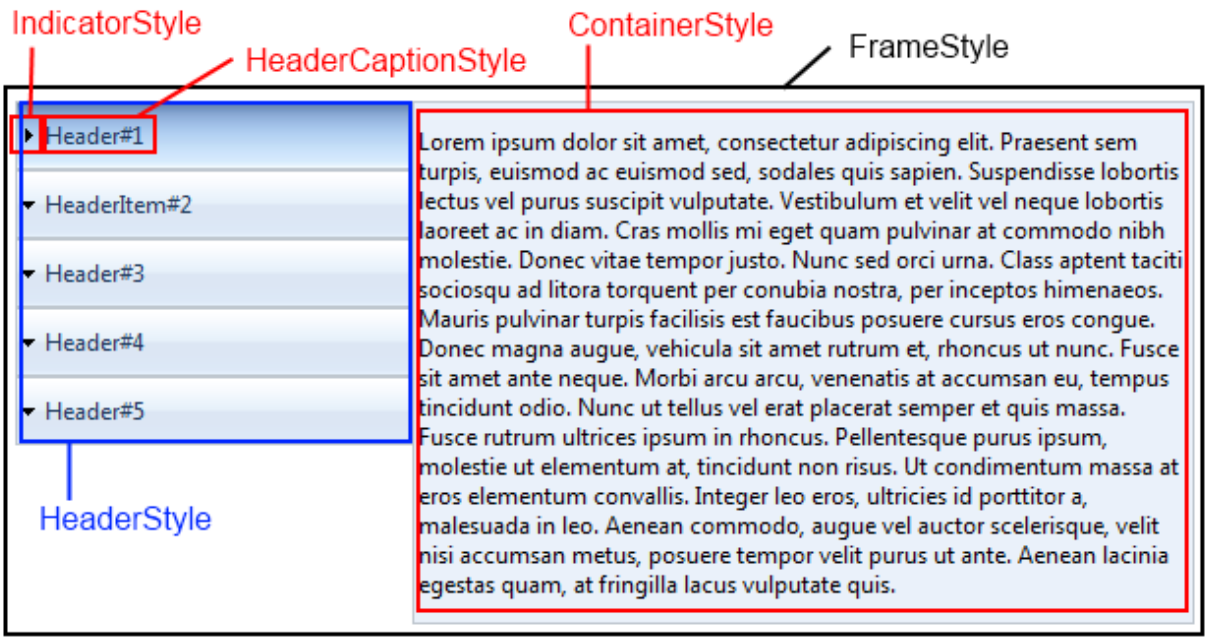


- Office black



Layout Overview

The layout and available property in the WebExpander is depicted in the figure below.



Comprehensive Client-side Events

The following is the list of client side events in WebExpander.

OnClick(*controlId, itemName*)

This client-side event will be invoked when the header of an item is clicked.

OnExpanded(*controlId, itemName*)

This client-side event will be invoked after an item is expanded.

OnCollapsed(*controlId, itemName*)

This client-side event will be invoked after an item is collapsed.

OnResponse(*controlId, action, xmlResponse*)

This client-side event will be invoked when response is returned after a FlyPostBack action.

OnResponseError(*controlId, errorMessage*)

This client-side event will be invoked if error occurs during a FlyPostBack action.

Rich Client-side APIs

The following is the list of client side APIs in WebExpander.

Functions	Description
GetFrameElement ()	Gets WebExpander's frame element.
GetHeaderElement (itemName)	Gets WebExpander's header element by item name based on the *x* value.
GetContentElement (*itemName*)	Gets WebExpander's content element by item name based on the x value.