Contents

[Directives 2](#_Toc419733387)

[vr-form 2](#_Toc419733388)

[vr-select: 2](#_Toc419733389)

[vr-textbox 2](#_Toc419733390)

[vr-datetimepicker 3](#_Toc419733391)

[vr-switch 3](#_Toc419733392)

[vr-button 3](#_Toc419733393)

[vr-actionbar 4](#_Toc419733394)

[vr-panel 4](#_Toc419733395)

[vr-row 4](#_Toc419733396)

[vr-columns 4](#_Toc419733397)

[vr-datagrid 4](#_Toc419733398)

[vr-datagridcolumn 5](#_Toc419733399)

[Services 5](#_Toc419733400)

[VRNavigationService 5](#_Toc419733401)

[VRModalService 5](#_Toc419733402)

# Directives

## vr-form

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| name | The name of the form |  |  |

## vr-select:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| label | The display text |  |  |
| entityname | The name of the entity (e.g., Carrier Account, Zone…) |  |  |
| datasource | Two possible values:   * Array * function(filter) |  |  |
| ismultipleselection | true/false | false |  |
| selectedvalues | Array: in case of multiple selection.  Object: in case of single selection |  |  |
| hideselectedvaluessection | true/false | false |  |
| datatextfield/datavaluefield | The properties to use from the data source items to display and identify the item. |  | If these attributes are not specified, the item itself will be used from the datasource |
| onselectionchanged | =function()  Occurs whenever the user select/deselect an item |  |  |
| hideFilterBox | True/false | False | Hide the text box the allow the user to filter the data source list |
| isrequired | true/false | false |  |
| validator | =function()  Used for custom validation. Should return true or false |  |  |

## vr-textbox

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| label | The display text |  |  |
| value | Text value |  |  |
| onvaluechanged | =function() |  |  |
| isrequired |  | false |  |
| customvalidate | =function()  Used for custom validation. Should return true or false |  |  |

## vr-datetimepicker

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| label | The display text |  |  |
| type | date/datetime |  |  |
| value | Of type Date |  |  |
| onvaluechanged | =function() |  |  |
| isrequired | True/false | false |  |
| customvalidate | =function()  Used for custom validation. Should return true or false |  |  |

## vr-switch

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| Label | The display text |  |  |
| value | True/false |  |  |
| onvaluechanged | =function() |  |  |

## vr-button

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| type | Add, Edit, Delete, Save, Cancel, Clear, Print, Export |  |  |
| isasynchronous | True/false. Should be set to true for buttons that call web api | false |  |
| onclick | =function(handle).  handle.operationDone() should be called if isasynchronous is equal to true after that the operation is done |  |  |
| formname | The name of the form to validate before enabling the button |  |  |

## vr-actionbar

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| actions | Array of actions each of which has the same properties as the vr-button directive |  |  |
| showcollapsebutton | True/false. Shows the button to expand/collapse another section | False |  |
| issectioncollapsed | True/false. Used to show/hide the section when the user clicks the expand/collapse button. showcollapsebutton should be equal to true |  |  |

## vr-panel

## vr-row

## vr-columns

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| colnum |  |  |  |

## vr-datagrid

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| datasource | Array: data items |  |  |
| onReady | =function(api) |  |  |
| pagersettings | In case if paging is needed. Example:  { currentPage: 1, totalDataCount: 0, pageChanged: function () { getData();  }  } |  |  |
| maxheight |  |  |  |
| hideheader |  |  |  |

The vr-datagrid should be at least used with the vr-datagridcolumn directive

Example:

<vr-datagrid datasource="data" maxheight="600px">

<vr-datagridcolumn headertext="'Time'" field="'dateTimeValue'"></vr-datagridcolumn>

<vr-datagridcolumn ng-repeat="measureType in measureTypes" headertext="measureType.description" field="'Values[' + $index + ']'" type="'Number'"></vr-datagridcolumn>

</vr-datagrid>

### vr-datagridcolumn

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Description | Default Value | Notes |
| field | The property to bind to in the datasource |  |  |
| headertext | The header text |  |  |
| isclickable | Boolean Function or value indicating whether the cell is clickable. The function should be: =function(dataItem) |  |  |
| onclicked | =function(colDef, dataItem). It is called when a cell is clicked |  |  |
| type | The data type. Can be ‘Number’ |  |  |
| onsortchanged | = (colDef, sortDirection, sortChangedHandle). It is called when the user clicks on a column to sort the data |  |  |

# Services

## VRNavigationService

|  |  |
| --- | --- |
| Method Name | Description |
| goto(url, parameters) | It navigates to specified URL. The parameters should be an object |
| getParameters(scope) | Retrieves the parameters sent to the page (when navigating to the page or when opening the page as a modal). the returned value is an object |

## VRModalService

|  |  |
| --- | --- |
| Method Name | Description |
| showModal(viewUrl, parameters, settings) | It opens the specified URL in a popup.   * viewUrl: the URL of the page to open * parameters: the parameters to pass to the page in the modal. it should be an object. And it could be retrieved using the getParameters(scope) method of the VRNavigationService * settings: an object having the following properties:   + useModalTemplate: true/false. Should be true If the page html is not built using the Modal directives (check next section)   + width: the width of the modal (e.g. “80%”)   + maxHeight: the height after which the modal shows a vertical scroll (e.g. “800px”)   + onScopeReady: should be equal to function(modalScope). Can be used as a communication context between the page and the modal |

Two options exists to be able to open a page as a modal:

1. build the html page which will open in a modal using the modal directives
2. set settings.useModalTemplate to true when calling the showModal method

Two directives exist of the modal:

|  |  |  |
| --- | --- | --- |
| Directive | Restrict | Notes |
| vr-modalcontent | Attribute Directive | Should be set on the root html element |
| vr-modalbody | Element Directive | This directive should encapsulate the main content in the page |

Example:

<div vr-modalcontent>

<vr-modalbody maxheight="'500px'">

//Main Content Here

//Main Content Here

//Main Content Here

//Main Content Here

</vr-modalbody>

<div>

<vr-actionbar showcollapsebutton="false" issectioncollapsed="false">

<div transclude-to="buttons">

<vr-button type="Save" data-onclick="save" formname="formChartSettings"></vr-button>

<vr-button type="Close" data-onclick="$hide"></vr-button>

</div>

</vr-actionbar>

</div>

</div>