**Xam.GridView**

* This control useful to show the list of items in grid view. It’s fully implemented by xamarin.forms. It’s not depends on native UI.

Sample code:

XML:

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| <control:XFDataGridControl ItemsSource="{Binding Itemsource}" EnablePagination="True" ShowRecordPerPages="12" GridBorderColor="Blue" HorizontalOptions="FillAndExpand" VerticalOptions="FillAndExpand">    </control:XFDataGridControl> |

C#:

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| XFDataGridControl control = new XFDataGridControl();  control.ItemsSource = model.Itemsource;  control.ColumnsSource = (List<XFGridColumn>)model.GridColumns;  control.EnablePagination = true;  control.ShowRecordPerPages = 12; |

Features:

* Load the list of items in grid view.
  + This component implemented using xamarin.Forms. It’s not depends xamarin.android\ios.
* Pagination support
  + We can use the “**EnablePagination**” property to achieve the basic pagination support.
* Virtual pagination support.
  + We can use the below property and events to achive this.
  + “**EnablePagination**” and “**EnableVirtualPagination**” should be true and use the “**OnNeedDataSource**” events to load the source dynamically.
  + Also, should mention the total record count in “**VirtualRecordCount**”
* Pull To Refresh Support
  + **“EnablePullToRefresh”** property should be true.
  + Should implement the “**OnPullToRefresh**” event and add the source items as per your needs.
* Header Style
  + We can customize the header text styles using “**GridHeaderStyle**” object.
* Item Style
  + We can customize the Item text styles using “**GridItemStyle**” object.
* Customize the Grid Header, Item and paginator.

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| **Property** | **Usage** |
| GridRowHeight | Using this we can set the height of the grid row |
| HeaderHeight | We can set the height of Grid Header. |
| ItemsSource | Source of the Grid |
| PaginatorHeight | We can set the paginator Height |
| ShowRecordPerPages | On Pagination, shows the record per page |
| GridBackgroundColor | We can set the background color to grid |
| GridBorderColor | We can set the border color to grid |
| GridBorderWidth | We can set the grid border width |
| HeaderColor | We can set the color of the grid header. |
| HeaderSelectorHeight | We can set the height of the grid header selector. |
| PaginatorBackgroundColor | We can set the color of the grid paginator |

Events:

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| Event name | Comments |
| OnItemSelect | It will trigger when selecting the grid item |
| OnPullToRefresh | It will trigger when pull to refresh action happened. |
| OnNeedDataSource | It will trigger below scenario.  Virtual Pagination – when you are selecting the page index.  Sorting – on virtual pagination when you are trying to show the new data.  This event will override your existing data and it will show the new item source. |