



Data External Export

The dReveal grid component provides methods to export its data to a file or stream in RawData and XLSX format. These methods are available on the server side.

Server Side Export

The methods provided by the grid component on the server side are detailed below:

Name	Return	Format
ExportToXlsxXLOnStreamResult	FileStreamResult	RawData
ExportToXlsxXLOnStreamResult	FileStreamResult	XLSX

These methods are located in the `Utils` class from the namespace `InfoArch.Web.Mvc.Grid`.

It is important to mention that exists some properties in the `GridSettings` object located into the `GridViewModel` class, for customizing the Excel exportation. These properties are detailed below:

Property	Description
<code>GridSettings.CustomFileName</code>	Excel file name
<code>GridSettings.CustomTitle</code>	The title of the report in the Excel file

Controller

The following code demonstrates how to implement the methods in a controller class:

```
1 [HttpGet]
2 public FileStreamResult ExportExcelGrid()
3 {
4     // Create GridViewModel
5     GridViewModel viewModel = GetGridViewModel();
6     viewModel.LoadInitialConfiguration();
7
8     // Set config in GridSettings
9     viewModel.GridSettings.CustomFileName = "MyExcelGrid";
10    viewModel.GridSettings.CustomTitle = "Title Grid";
11
12    // If value is FALSE, this line is optional
13    viewModel.SetXLExportModeOnlyData(false);
14
15    // Export Excel
16    return GridExtension.ExportToXlsxXLonStreamResult(viewModel);
17 }
18
19 [HttpGet]
20 public FileStreamResult ExportRawDataGrid()
21 {
22     // Create GridViewModel
23     GridViewModel viewModel = GetGridViewModel();
24     viewModel.LoadInitialConfiguration();
25     viewModel.SetXLExportModeOnlyData(true);
26
27     // Set config in GridSettings
28     viewModel.GridSettings.CustomFileName = "MyRawDataGrid";
29     viewModel.GridSettings.CustomTitle = "Title Grid";
30
31     // Export Excel
32     return GridExtension.ExportToXlsxXLonStreamResult(viewModel);
33 }
34
35 private GridViewModel GetGridViewModel()
36 {
37     return new GridViewModel(
38         memoryStream: fileStream,
39         connectionString: "Data Source=MyServer; Initial Catalog=myDatabase;
40         User ID=myUser; Password=myPassword",
41         gridId: "grid_id",
42         htmlFormId: "main_form",
43         rowsPerPage: 15,
44         enableColumnFinderFeature: true,
45         isGridPagerSimpleMode: true,
```

```
45         fullGridControllerActionPath:  
        HttpContext.Request.Url.AbsolutePath,  
46         gridActionName: string.Empty,  
47         drillThroughControllerAction: string.Empty,  
48         saveGridControllerAction: string.Empty,  
49         exportToExcelGridControllerAction: string.Empty  
50     );  
51 }
```

Client Side Export

The following code demonstrates how to call to the server side methods:

```
<div>  
    <a href="@Url.Action("ExportExcelGrid", "MyController")">Export EXCEL</a>  
    <a href="@Url.Action("ExportRawDataGrid", "MyController")">Export RAW  
    DATA</a>  
</div>
```