



Version: 4.2.2

Static Resources

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Some JavaScript and CSS files must be included for enabling the grid component visualization. Exists an HTML extension method from the namespace `InfoArch.Web.Mvc.UI` to import the static files mentioned above. It is recommended to invoke these methods within the **<head>** tag in the view where it will be used.

Scripts

dReveal uses the `GetScripts` method to attach the scripts required for the grid component. It receives an instance of the `Script` class as a parameter, where its property **ExtensionSuite** requires an **ExtensionSuite.Grid** value, and another property **ExtensionSuite** requires an **ExtensionSuite.Filter** value from the namespace `InfoArch.Web.Mvc.Enums`.

The following example demonstrates how to attach the dReveal grid component scripts to the view:

```
1 <head>
2     @using InfoArch.Web.Mvc.UI
3     @using InfoArch.Web.Mvc.Enums
4
5     @Html.InfoArch().GetScripts(
6         new Script { ExtensionSuite = ExtensionSuite.Grid },
7         new Script { ExtensionSuite = ExtensionSuite.BasicFilters }
8     )
9 </head>
```

StyleSheet

The `GetStyleSheets` method is used to attach the necessary stylesheet files of the desired dReveal grid component theme. It receives an instance of the **StyleSheet** class as a parameter, where its property **ExtensionType** that requires an **ExtensionType.Grid** value, and another

property **ExtensionType** that requires an **ExtensionType.Filters** value from the namespace `InfoArch.Web.Mvc.Enums`.

The following code attaches dReveal grid stylesheets to provide the default appearance.

```
1 <head>
2     @using InfoArch.Web.Mvc.UI
3     @using InfoArch.Web.Mvc.Enums
4
5     @Html.InfoArch().GetStyleSheets(
6         new StyleSheet { ExtensionType = ExtensionType.Grid },
7         new StyleSheet { ExtensionType = ExtensionType.BasicFilters }
8     )
9 </head>
```

Third-Party Libraries

dReveal components has third party libraries embedded within needed for its correct work and provide a method to exclude them if the hosting application decide to handle them. The method mentioned above is called `RegisterRequiredThirdPartyLibraries`. It has two parameters, in the first one, for grid component purpose is required to use **RegisterThirdPartyType.Grid**, that it is obtained from the namespace `InfoArch.Web.Mvc.Enums`, the next one is used to specify the third-party libraries to exclude. Some third-party libraries enable to exclude are **JQuery** and **JQueryUI**.

```
1 <head>
2     @using InfoArch.Web.Mvc.UI
3     @using InfoArch.Web.Mvc.Enums
4
5     @Html.InfoArch().RegisterRequiredThirdPartyLibraries(
6         RegisterThirdPartyType.Grid,
7         RegisterThirdPartyElements.JQuery
8     )
9 </head>
```

NOTE

If the hosting application decide to handle **JQuery**, this should be referenced before the HTML extension methods provided by dReveal.

