



Basics of Dx

DevExtreme

Yash Lathiya

Table of Contents

Sr No.	Topic	Date	Page No.
1.1	Introduction to DevExtreme		
1.2	Installation - NuGet Package		
1.3	Widget Basics - jQuery		
1.3.1	Create and Configure a Widget		
1.3.2	Get a Widget Instance		
1.3.3	Get and Set Options		
1.3.4	Call Methods		
1.3.5	Handle Events		
1.3.6	Destroy a Widget		

1.1 Introduction to DevExtreme

jQuery plugin which provides features:

- 70+ responsive UI components
- Data grid
- Data editors
- Navigation
- Data Layer
- Client Side Data Validation
- Themes & styles
- Localization
- Modularity
- Customization using templates

Can add dx by

- Cdn files
- Local files (using dx zip file)

1.2 Installation – NuGet Package

In visual studio

- Manage Nuget Package Manager
- Install DevExtreme package

1.3 Widget Basics – jQuery

1.3.1 Create and Configure a Widget

```
<div id="gridContainer"></div>

<script>
    $(function() {
        $("#gridContainer").dxDataGrid({
            dataSource: data,
            columns: ["name", "age", "city"]
        });
    });
</script>
```

1.3.2 Get a Widget Instance

```
var dataGridInstance = $("#gridContainer").dxDataGrid("instance");
```

1.3.3 Get and Set Options

```
var pageSize = dataGridInstance.option("paging.pageSize");
dataGridInstance.option("paging.pageSize", 20);
```

1.3.4 Call Methods

```
dataGridInstance.refresh();
```

1.3.5 Handle Events

```
dataGridInstance.on("cellClick", function(e) {
    alert("Cell clicked: " + e.column.dataField);
});
```

1.3.6 Destroy a Widget

```
dataGridInstance.dispose();
```