
Ext JS

Duration: 5 Days

Getting Started with Ext JS 5

- Loading the Library
- Ext 4 Compatibility

Fundamental Classes

- Ext.Element
- Ext.CompositeElement
- Ext.DomHelper
- Ext.DomQuery

Event Handling

- Events in Ext & DOM Events
- Observable classes
- Custom Events
- Event Handlers & Delegated Event Handling

Component Model

- Component Manager
- Deferred Rendering
- Component vs. Element
- Component configuration

Laying out your GUI

- Defining Panels
- Docking
- Headers
- Tools
- Resizing Panels
- Defining Toolbars
- Defining Layouts
- HBOX
- VBOX
- Splitter
- Tabs

Common Components

- Viewport
- TabPanel
- GridPanel
- FormPanel

Working with Data

- Defining Models

- Validating your Data
- Defining Associations
- Defining Proxies
- Defining Stores
- Working with Forms
- Understanding Form Layout
- Anchor
- FieldContainer
- Using Field as Mixin
- Applying Validations
- Synchronizing Data to/from an Application Server
- Outputting Data with DataView

Getting on the Grid

- Introducing grid features
- Defining a read-only grid
- Editing within a grid

Visualizing Data

- Programatically drawing on a canvas
- Charting data

Persisting UI State

- Stateful Components
- Provider vs. Manager
- Setting a Provider
- Application Specific State Management

Utility Functions

- Ext.apply
- Ext.util.Format

Creating & Extending Classes

- Creating a Class & Extending a Class
- Extending a Component
- Understanding the Ext Core
- Class System
- Class Definition
- Class Loading
- Mixins
- Statics
- Automatically generating getters and setters with the config property

Drag & Drop

- Implement Custom Drag and Drop