

# Sencha Ext JS

The most comprehensive JavaScript framework for building enterprise web and mobile applications.



Ext JS provides everything a developer needs to develop data-intensive web applications. The framework includes a powerful library of pre-tested and professionally supported integrated components and tools to simplify and accelerate the web app development process.

## Key Features

### High-Performance Customizable UI Components

Ext JS delivers the industry's most comprehensive collection of feature-rich, customizable UI components – including calendar, grids, trees, lists, forms, menus, toolbars, panels, windows, and much more.

### Visualization and Analysis of Complex Data Sets

Ext JS delivers numerous capabilities to help organizations visualize and analyze complex data sets, including:

- **D3 Adapter** enables developers to add sophisticated D3 visualizations including heatmaps, treemaps, and sunbursts to their applications.
- **Advanced Charting Package** lets developers visualize data with a broad range of chart types. The charts use surfaces and sprites developed with a drawing package implemented using SVG, VML, and Canvas to handle browser variations.
- **Pivot Grid** enables developers to quickly and easily add powerful analytics functionality to Ext JS applications – allowing users to summarize and analyze data to make more informed decisions.
- **Grid** enables organizations to handle millions of records and provides out-of-the-box functionality such as sorting, grouping, column locking, and summary rows.
- **Exporter** enables users to export data from the standard grid or Pivot Grid to a wide variety of common formats for additional analysis and information sharing.

### Back-end Agnostic Data Package

A robust data package decouples the UI components from the data layer. The data package is protocol agnostic, and can access data from any back-end source.

### Layout Manager and Responsive Configurations

A flexible layout manager helps to organize the display of data and content across multiple browsers, devices, and screen sizes. It helps developers to control the display of components, even for the most complex user interfaces.

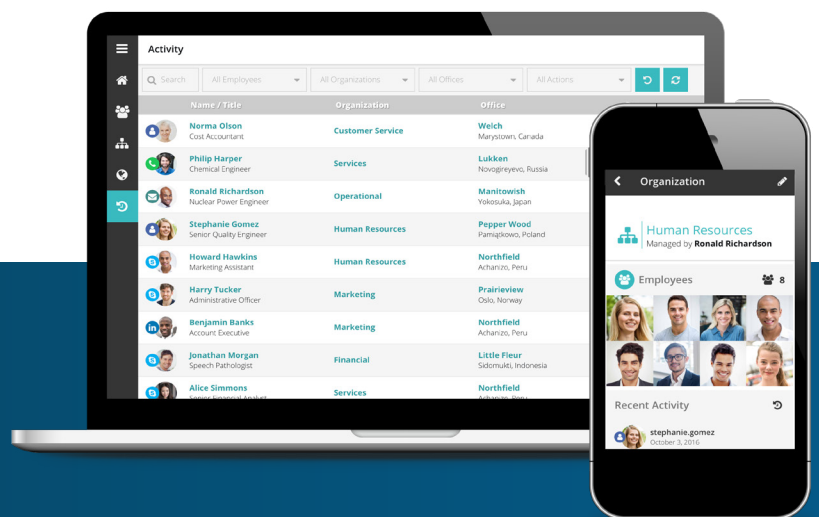
### Customizable Themes

Ext JS components are available in multiple out-of-the-box themes that are consistent across platforms. Themes can be easily customized to reflect a specific brand identity.

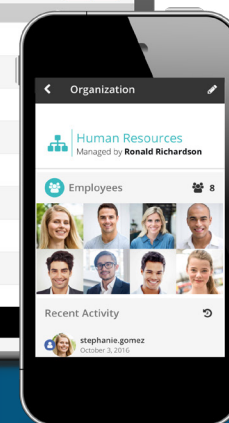
### Accessibility Package (ARIA) for Section 508 Compliance

The ARIA Package lets developers add accessibility support to their applications by providing tools for achieving Section 508 Compliance.

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Name / Title	Organization	Office
Norma Olson Cost Accountant	Customer Service	Welch Marystown, Canada
Philip Harper Chemical Engineer	Services	Lukken Novogrejevo, Russia
Ronald Richardson Nuclear Power Engineer	Operational	Manitowish Yokosuka, Japan
Stephanie Gomez Senior Quality Engineer	Human Resources	Pepper Wood Pamagkovo, Poland
Howard Hawkins Marketing Assistant	Human Resources	Northfield Achanizo, Peru
Harry Tucker Administrative Officer	Marketing	Prairieview Oslo, Norway
Benjamin Banks Account Executive	Marketing	Northfield Achanizo, Peru
Jonathan Morgan Speech Pathologist	Financial	Little Fleur Sidomukti, Indonesia
Alice Simmons Sales Representative	Services	Northfield Achanizo, Peru



## Benefits

- Provides everything a developer needs to build data-intensive, enterprise-grade, cross-platform web applications
- Streamlines cross-platform development
- Provides a common use model and coding style across components to simplify ongoing web app maintenance
- Increases the productivity of development teams through a rich set of web application tools, including pre-tested, pixel-perfect components that work seamlessly across every device, operating system and browser

## Sencha Tools

### Cmd

Sencha Cmd provides a full set of lifecycle management features – including scaffolding, code minification, tree shaking, transpilation from ES6, dynamic package loading, build generation for progressive web apps – to complement Sencha projects.

### IDE and Code Editor Plugins

Sencha plugins provide advanced code generation and code completion functionalities within the most popular IDEs including Eclipse, Visual Studio, and JetBrains as well as Visual Studio Code.

### Architect

Architect enables developers to quickly create new cross-platform Ext JS applications for mobile devices and modern browsers on the desktop. Using drag and drop features, developers spend less time on manual coding, helping organizations accelerate the time to market of their applications.

### Themer

Themer empowers developers to style Ext JS 6 applications and make them look great. Create custom themes using this graphical tools – without writing code.

### Inspector

Inspector is a debugging tool that provides direct access to components, classes, objects and more for apps built using Sencha frameworks. It lets developers analyze their code for issues and to improve application performance.

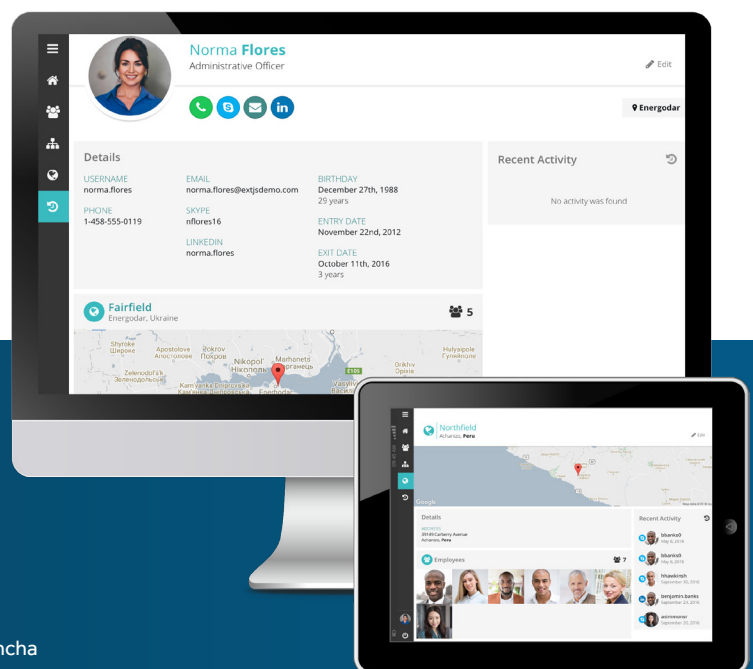
### Sencha Test

Sencha Test is a complementary product and is the most comprehensive unit and end-to-end testing solution for Ext JS and ExtReact apps. It enables the creation and execution of more robust tests, which helps improve application quality and reduces testing time and cost.

## Expert Support and Services

Ext JS is backed by expert services and support, ensuring that developers get maximum value from Sencha products. Comprehensive training enables developers get up to speed fast, and support services help to resolve any issues as quickly as possible.

**START YOUR FREE 30-DAY TRIAL**



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