Sencha ExtReact

The most complete set of React components for building data-intensive web applications.

ExtReact enables developers to quickly add sophisticated, commercially tested and supported components to their React applications, accelerate time to market, and reduce upgrade and maintenance burdens. With ExtReact developers can use all 115+ pre-built Ext JS components, Ext JS layout system and theming environment with the React framework.

Key Features

115+ High-Performance Configurable UI Components

ExtReact offers more than 115 UI components that are fully supported and designed to interact and work together seamlessly over the lifetime of the application.

- Grid enables organizations to handle millions of records and provides built-in functionality such as sorting, grouping, filtering, locking, and summary rows.

- Pivot Grid enables developers to add powerful analytics functionality to React applications – allowing users to summarize and analyze data to make more informed decisions.

- Exporter enables users to export data from the standard grid or Pivot Grid to a wide variety of common formats including XLSX, XML, CSV, TSV, and HTML for additional analysis and information sharing.

- Layouts ensures the proper sizing and positioning of all components with the powerful and flexible layout system.

- Charts lets developers visually represent data with a broad range of dynamic and static charts — including line, bar, and pie charts. Browser variations are handled automatically, so the charts always display beautifully.

- D3 enables developers to add sophisticated D3 visualizations including heatmaps, treemaps, and sunbursts to their applications. The D3 adapter enables developers to work withany example in the D3 library.

- Forms and Form Validation makes it easy for teams to add login, checkout, register, contact, rating forms and more to their web application. Form validation helps ensure the integrity of the data.

- Calendar lets developers add a sophisticated calendar to their web applications so users can easily view and manage schedules and events within the application.

- Buttons, Tabs, Menus and Panels enable organizations to add simple or sophisticated components to their applications quickly and easily.

Back-end Agnostic Data Package and Powerful Data Management

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. Buffered rendering efficiently handles massive data sets with ease.

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.

Adaptive and Responsive Design

Enables teams to build immersive user engagement by using layouts and adaptive design features.

Theming Made Easy

Developers can use the built-in Material design inspired theme, eliminating the need to construct custom styles and making it easy to create a fresh, modern user experience with minimal effort. Themes can also be easily modified or extended within Sencha Themer, enabling both developers and designers to create compelling themes without writing a single line of code. Fonts, colors, and padding can all be modified with ease to make components fit the motif of the application.

Keyboard Navigation and Focus Management

Enable users to easily navigate the application and improve web application accessibility.

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Benefits

- Accelerates time to market as developers can leverage 115+ professionally tested and supported UI components
- Increases developer productivity and enables them to deliver visually stunning web applications faster
- Reduces dependencies and ongoing maintenance burdens

Sencha Tools

Sencha Themer
Sencha Themer enables developers to uniquely theme components and give their React application a distinct look.

ExtReact Generator
ExtReact Generator helps kickstart new ExtReact projects, offering best practices and tools to make developers more productive.

ExtReact Webpack Plugin
ExtReact Webpack Plugin works with Sencha Cmd and ExtReact Babel plugin to make it easy for developers to bundle and optimize the ExtReact components used in their applications.

Sencha Fiddle
Sencha Fiddle provides an easy way to try ExtReact code in a browser without downloading or installing anything.
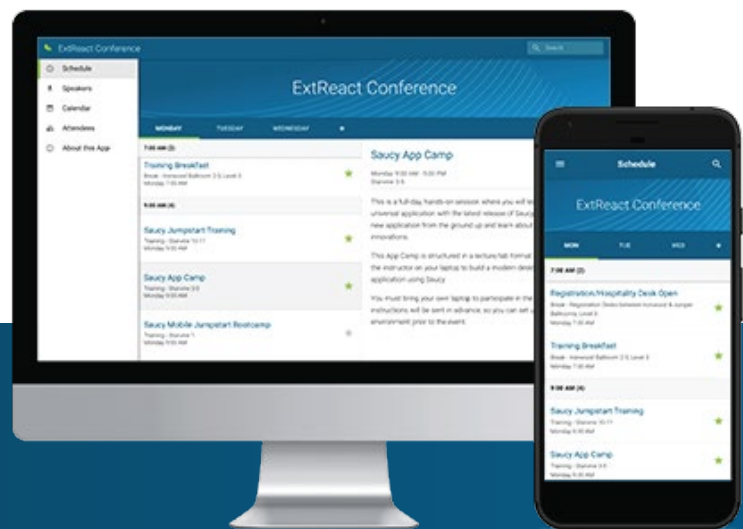
ExtReact TypeScript Definitions
ExtReact TypeScript definitions provide code completion functionality in several code editors including Visual Studio Code.

Private npm Registry
The Sencha private npm registry offers immediate access to ExtReact packages and early pre-releases.

Expert Support

ExtReact is backed by an expert support team ensuring that developers get the assistance they need when their application is on the line.

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