

Glossary: Introduction to React and Class Components

Welcome! This alphabetized glossary contains many of the terms you'll find within this course. This comprehensive glossary also includes additional industry-recognized terms not used in course videos. These terms are important for you to recognize when working in the industry, participating in user groups, and participating in other certificate programs.

Term	Definition
App.jsx	The root component of the React application.
Babel	A tool used to compile jsx code in the browser.
Class	A template or blueprint for creating objects.
const	Allows you to declare constants whose values cannot be changed.
eslintrc.js	A configuration file used by ESLint, which is a popular linting tool for JavaScript and the .js extension, indicates that it is a CommonJS module.
ECMAScript 6(ES6)	A standards organization that creates a wide range of global information and communications technology standards. JavaScript adheres to Ecma's specification ES6, which came out in 2015.
Framework	A comprehensive software development platform that provides a foundation and structure for building entire applications.
Front-end framework	A framework that focuses on building the user-facing side of web applications.
.gitignore	A file that specifies which files and directories should be ignored by Git version control.
Hook	A feature that allows developers to handle states and other React features seamlessly, eliminating the need for class-based coding.
Index.html	A fundamental part of web development projects, serving as the entry point for web applications.
JavaScript XML (JSX)	A JavaScript syntax extension enabling HTML-like code within JavaScript.
let	Allows you to restrict the scope of variables within the block where they are declared.
main.jsx	The entry point for the React application.
Node modules	A directory that contains all the dependencies installed through npm or yarn.
package.json	A file that contains metadata about the project and dependencies.
Public directory	A directory that contains static assets like HTML files, images, and fonts.
React	An open-source JavaScript library that facilitates the creation of dynamic and interactive user interfaces for web applications.
README.md	A file that provides information about the project, including setup instructions, usage guidelines, and project documentation.
src directory	A directory that contains the source code for the React application.
Subclass	The class that is inheriting another class.
Superclass	The class being inherited by the subclass.
this	A reference to the current object.
var	A variable that can be used or referred from anywhere in the code.
Vite	A build tool that speeds up the building and development of web projects by making optimum use of how current browsers handle JavaScript modules.
vite.config.js	A file that contains configuration settings for the Vite build tool.

