Developing Cloud Applications with Node.js and React
Module 4 Glossary: Building a Rich Front-End Application using REACT & ES6

Term	Definition
Arrow Functions	Changes function syntax. For a function which doesn't return a value, rather than: function myFunction(param1, param2) {declaration} use let myFunction = param1, param2 => declaration For a function that does return a value, rather than function myFunctionWithReturn(param1, param2) {declaration with return myValue} use let myFunction = param1, param2 => {declaration return myValue}
Babel	An in-memory tool, JSX is a compiler that interprets JSX as JavaScript.
Babel Package	Available in most modern browsers. It is used to compile and interpret the JSX.
const	Allows you to declare constants whose values cannot be changed.
Ecma	A standards organization that creates a wide range of global information and communications technology standards.
ES6	ES is short for EcmaScript. ES6 is the newest version with changes in JavaScript. The main changes are "let," "const," "arrow functions," "promises," and "class."
Front-end Frameworks	Used to create a dynamic client that can connect to the server. Popular front-end frameworks include Angular.js and Vue.js.
JSX	"JavaScript XML" A special markup language similar to HTML used by React. JSX is embedded inside special script tags where the type attribute specifies the content that requires Babel.
let	Allows you to restrict the scope of variables within the block where they are declared. This limited scope is called "local scope."
Mounting	The act of attaching a React component instance to a document object model (DOM).
Props	Short for "properties" props are arguments passed into React components. They are passed into the React components via HTML attributes.
Prototypes	The prototype property allows you to add properties and methods to any object.
React	A framework for building client-side dynamic web applications. React uses dynamic data binding and a virtual DOM to extend HTML syntax and to eliminate the need for code that keeps the user interface elements synchronized with the application state. It is a JavaScript user interface library created and maintained as an open source by Facebook and a community of developers.

React Package	Holds the React source for components and their states and properties.
ReactDOM Package	The glue between React and the DOM.
Subclass	A class that inherits another class's attributes and methods.
Superclass	The class being inherited by the subclass.
Unmounting	When the component is removed from the document object model (DOM).
Updating	When the React component is rendered on a change of state or props.