

# Overview

The react framework is developed by facebook and it uses the [Model View Controller or MVC Framework](#). React's design philosophy is to bundle the MVC together in a single [react component](#) to achieve separation of concern. Separation of concern allows developers to bundle UI code and logic and reuse them without having to worry that it will render a different display when reused elsewhere. React application is consist of one or more reusable react component.

A [components](#) is an independent and reusable bits of code that contain JSX.

[JSX](#) has a html-like syntax that allows components to bundle rendering and ui logic in a single file.

## Installation:

Follow the link for instructions on how to install react js and create a new react app [here](#).

**Note:** It is recommended to start with running `npx create-react-app <app-name>` in a brand new directory/folder when first creating the project, or you may run into directory-related error that may become increasing difficult to handle as the project grows.

Here is the [Setup Documentation](#)

## Quick React Tutorial:

[Tutorial: Intro to React – React \(reactjs.org\)](#)

## Detailed React Tutorial:

[Describing the UI • React \(reactjs.org\)](#)