

Getting Started

This page is an overview of the React documentation and related resources.

React is a JavaScript library for building user interfaces. Learn what React is all about on [our homepage](#) or [in the tutorial](#).

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Try React

React has been designed from the start for gradual adoption, and **you can use as little or as much React as you need**. Whether you want to get a taste of React, add some interactivity to a simple HTML page, or start a complex React-powered app, the links in this section will help you get started.

Online Playgrounds

If you're interested in playing around with React, you can use an online code playground. Try a Hello World template on [CodePen](#), [CodeSandbox](#), or [Stackblitz](#).

If you prefer to use your own text editor, you can also [download this HTML file](#), edit it, and open it from the local filesystem in your browser. It does a slow runtime code transformation, so we'd only recommend using this for simple demos.



Add React to a Website

You can [add React to an HTML page in one minute](#). You can then either gradually expand its presence, or keep it contained to a few dynamic widgets.

Create a New React App

When starting a React project, a [simple HTML page with script tags](#) might still be the best option. It only takes a minute to set up!

As your application grows, you might want to consider a more integrated setup. There are several JavaScript toolchains we recommend for larger applications. Each of them can work with little to no configuration and lets you take full advantage of the rich React ecosystem. [Learn how.](#)

Learn React

People come to React from different backgrounds and with different learning styles. Whether you prefer a more theoretical or a practical approach, we hope you'll find this section helpful.

- If you prefer to **learn by doing**, start with our [practical tutorial](#).
- If you prefer to **learn concepts step by step**, start with our [guide to main concepts](#).

Like any unfamiliar technology, React does have a learning curve. With practice and some patience, you *will* get the hang of it.

First Examples

The [React homepage](#) contains a few small React examples with a live editor. Even if you don't know anything about React yet, try changing their code and see how it affects the result.

React for Beginners

If you feel that the React documentation goes at a faster pace than you're comfortable with, check out [this overview of React by Tania Rascia](#). It introduces the most important React



concepts in a detailed, beginner-friendly way. Once you're done, give the documentation another try!

React for Designers

If you're coming from a design background, [these resources](#) are a great place to get started.

JavaScript Resources

The React documentation assumes some familiarity with programming in the JavaScript language. You don't have to be an expert, but it's harder to learn both React and JavaScript at the same time.

We recommend going through [this JavaScript overview](#) to check your knowledge level. It will take you between 30 minutes and an hour but you will feel more confident learning React.

Tip

Whenever you get confused by something in JavaScript, [MDN](#) and [javascript.info](#) are great websites to check. There are also [community support forums](#) where you can ask for help.

Practical Tutorial

If you prefer to **learn by doing**, check out our [practical tutorial](#). In this tutorial, we build a tic-tac-toe game in React. You might be tempted to skip it because you're not into building games — but give it a chance. The techniques you'll learn in the tutorial are fundamental to building *any* React apps, and mastering it will give you a much deeper understanding.

Step-by-Step Guide

If you prefer to **learn concepts step by step**, our [guide to main concepts](#) is the best place to start. Every next chapter in it builds on the knowledge introduced in the previous chapters so you won't miss anything as you go along.

Thinking in React

Many React users credit reading [Thinking in React](#) as the moment React finally “clicked” for them. It's probably the oldest React walkthrough but it's still just as relevant.



Recommended Courses

Sometimes people find third-party books and video courses more helpful than the official documentation. We maintain [a list of commonly recommended resources](#), some of which are free.

Advanced Concepts

Once you're comfortable with the [main concepts](#) and played with React a little bit, you might be interested in more advanced topics. This section will introduce you to the powerful, but less commonly used React features like [context](#) and [refs](#).

API Reference

This documentation section is useful when you want to learn more details about a particular React API. For example, [React.Component API reference](#) can provide you with details on how `setState()` works, and what different lifecycle methods are useful for.

Glossary and FAQ

The [glossary](#) contains an overview of the most common terms you'll see in the React documentation. There is also a FAQ section dedicated to short questions and answers about common topics, including [making AJAX requests](#), [component state](#), and [file structure](#).

Staying Informed

The [React blog](#) is the official source for the updates from the React team. Anything important, including release notes or deprecation notices, will be posted there first.

You can also follow the [@reactjs account](#) on Twitter, but you won't miss anything essential if you only read the blog.

Not every React release deserves its own blog post, but you can find a detailed changelog for every release in the [CHANGELOG.md](#) file in the [React repository](#), as well as on the [Releases](#) page.



Versioned Documentation

This documentation always reflects the latest stable version of React. Since React 16, you can find older versions of the documentation on a [separate page](#). Note that documentation for past versions is snapshotted at the time of the release, and isn't being continuously updated.

Something Missing?

If something is missing in the documentation or if you found some part confusing, please [file an issue for the documentation repository](#) with your suggestions for improvement, or tweet at the [@reactjs account](#). We love hearing from you!

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