EmberJS Homepage Outline

A framework for ambitious web developers.

[Quickstart]   *[Read the tutorial]*

Build alongside the teams that never stop shipping

Some of the best development teams in the world have been iterating on their products for years with Ember. With scalable UI architecture baked-in from the start, you'll be working with the same patterns these organizations use every step of the way.

It's time to start building from the 20th floor.

- LinkedIn
- Intercom
- Netflix
- Apple
- Microsoft
- Heroku
- Square

Try it out

- **A simple component.**
- **Keeping data in sync.**
- **An application.**

Batteries are included

Ember's out-of-the-box experience has everything you need to start building on day one, and keep shipping for years. Never wire together your own framework again.

- **Build pipeline.** Ember CLI is the backbone of modern Ember apps. Code generators let you quickly create new components and tests. Use the local server for a development environment with Babel, fast rebuilds, auto-reloading and a test runner. Build your app for production with a single command.
- **Routing.** Ember's Router ensures your JavaScript apps will never break the back button. Query params help you keep the URL in sync with client-side state like sorting and filtering selections. Routes and filesystem conventions provide natural boundaries for features in your application, making it easy to keep your code organized as you grow your product.
- **Data layer.** By leveraging Ember Services and Ember's built-in dependency injection framework, global state management has never been easier. Ember Data is Ember's official way to handle persistent state, which boasts a fully-featured ORM and client-side cache. Use it to easily build optimistic UIs and persist your data. And if you're looking for a different take on state, try Ember Apollo, Ember Redux, or one of the many other high-quality data solutions from the community.
- **Acceptance testing.** Every Ember app comes with true browser-based acceptance testing out of the box. Run your app against tests that simulate real user behavior, like clicking links and filling out forms. Verify asynchronous behavior like AJAX requests and CSS transitions. You can even test against different data scenarios using a simulated server, or assert against the loading and error states of the network.
- **Performance.** You won't find any full-page reloads here – snappy partial rendering brings a native feel to your web apps. Static templates let Ember improve your app year after year. Ember 3 apps saw 3x faster updates on 2x smaller payloads when compared with the same templates from Ember 2*. Glimmer's VM architecture cuts down the cost of your JavaScript code by using binary data to completely avoid parse time for templates. Use FastBoot to server-side render and cache your initial pages. Shipping a JavaScript app with a top Lighthouse score has never been easier.
- **Easy upgrades.** Stability and a solid upgrade path is in our DNA. At the last EmberConf, 70% of attendees were on one of the latest two versions of Ember*. Our 6-week release cycle and commitment to semver takes the guesswork out of

staying up-to-date. Use our automated codemod to handle any mechanical code changes needed as part of an upgrade. Get ready to love your codebase from Day 1 to Day 500.

The Ember Ecosystem

There's never been a better time to be a JavaScript developer, and Ember embraces everything that modern JS has to offer. When you're ready for more, choose from hundreds of high-quality, curated community Ember Addons to super-power your application.

Use the modern JavaScript you know and love

ES6 classes, fat arrow functions, and even decorators – it's easy to use the latest and greatest JavaScript features in your app, zero configuration required. Love Typescript? We've got great support for that too. And tools like Prettier pair perfectly with your Ember app's JavaScript code.

Meet Addons: high-quality, curated npm packages that supercharge your app

Tired of wondering if your project's next dependency is well-maintained? Have you ever had to make a choice between multiple packages with no clear guidance about which one's better? Meet Ember Addons: npm packages made specifically for Ember, ranked by quality, test coverage and popularity.

With Ember Addons, you'll never have to asses the quality of your project's dependencies on your own. Up-to-date rankings make it easy to see an addon's position within the community. Metrics like great documentation, recent releases and automated tests across multiple Ember versions mean you can be confident that your next dependency won't become a liability.

And by hooking into Ember CLI's standardized tooling, Ember Addons provide capabilities that go way beyond your typical npm package:

- **Ember SVG Jar** inlines external SVG resources into your app at build-time

- **Ember Percy** hooks your tests directly into Percy's visual regression testing service
- **Ember CLI Sass** wires up your app with Sass, in one command
- **Ember CLI Deploy** compresses and deploys your assets to S3

With all this power wrapped up in a single install command, and no additional build tool code or configuration needed, you'll wonder how you could ever go back to wiring up dependencies on your own.

A vibrant, welcoming community

Ember's first commit was in 2011, but today our community is more active than ever. Whether it's one of our annual conferences, dozens of Meetup groups, or initiatives like Women Helping Women, we're always working hard to foster a friendly, professional, and welcoming environment for our developers.

- Pic of EmberConf 2018. Link to EmberConf 2019.
- Pic of an Ember meetup. Link to view all meetups.

You can also find us online:

- *Discussion forum*. Post and search longer-form questions in our public forum.
- *Discord community*. Join our real-time chat server to connect with other developers and get answers to code-level questions.

Beyond our core online channels, you can find dig deeper with these learning resources from the community embers:

- *Podcasts.* The EmberMap Podcast and Ember Weekend.
- *Books.* Rock n' Roll with EmberJS.
- *Videos.* EmberMap and Embercasts.

Ready to start shipping?

If you're ready to dive in, the *Quickstart* is the fastest way to get going with Ember.js.

Are you new to web development or a recent bootcamp grad? The *Intro tutorial* is a great place to start.

If you're familiar with JavaScript and web application development, our *Guides* will teach you everything you need to know to get started building with Ember.

Find out about the newest releases and latest work happening in the ecosystem by visiting the official *Blog.*