Sharing code across teams at Publishers Clearing House

Publishers Clearing House, Inc

Headquarters: Port Washington, NY

Size of company: 500+ Industry: Direct Marketing

The challenge

Publishers Clearing House (PCH), best known for its popular sweepstakes prizes, operates an online operation serving more than 50 million visitors per month. Maintaining this substantial operation requires a dedicated team of developers using sophisticated technology.

As their applications grew, the team at PCH found themselves with a common problem: **how to securely share code among developers.**

At scale, methods like sharing via a version control system or even sending files through email stopped working. As JavaScript became more prevalent on the frontend of their web applications, PCH's development team had begun to incorporate code from the public npm Registry into their regular workflow. However, PCH regularly deals in subscribers' personal data, prizes and cash, making privacy and rigorous security essential.

Using the public registry to share modules across teams was not an option for code that cannot be publicly viewable. PCH tried a variety of open-source solutions, but this resulted in crashes and lost data.
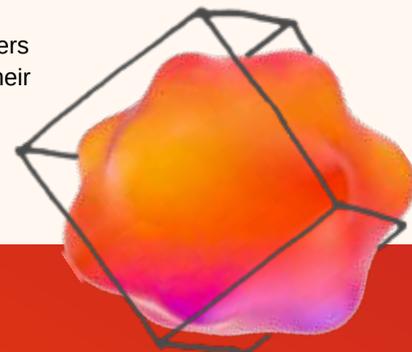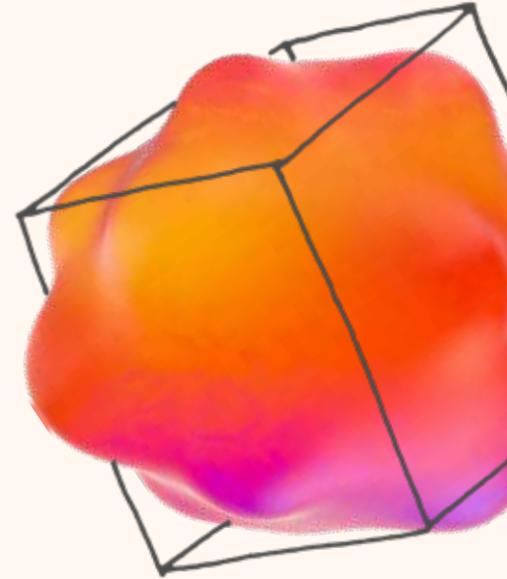
The solution

npm Enterprise is a private version of the industry-leading npm Registry and package discovery tool. Not only has npm Enterprise helped developers write code in a more modular fashion, but it's had positive effects on the entire development process.

npm's ease of publishing, discovering, and sharing has encouraged developers to create well-documented and easy to find modules of code that are up to their high standards, all securely hosted within PCH's private registry.

The stack

npm Enterprise allows PCH to take full advantage of modularization, even as their tech stack evolves to include ES6 modules in JavaScript and modernize frontend tooling and transpiling.

JavaScript (ES6)

.NET 2015

PHP with Laravel

Grunt/Gulp/npm scripts

Sass

Babel

"npm Enterprise has been a rock solid internal tool that has helped us increase the shareability and standards of our code."

—Daniel Mendelsohn

Associate Director of UI Development at Publishers Clearing House

npm

To learn more, visit www.npmjs.com/enterprise