

Sharing Code Across Teams at Condé Nast Britain

CONDÉ NAST

Headquarters: **London, UK**

Size of company: **500+** Industry: **Publishing**

The challenge

Condé Nast Britain's portfolio includes some of the biggest names in publishing, such as Vogue, GQ, and Wired. Supporting these popular publications led their engineering team to spend the last two years developing a robust new publishing platform.

A major component of creating this new platform was developing a strategy to manage an ever-growing number of code modules among multiple teams of engineers.

"Our front-ends are built entirely out of components," Rich explained, "Each component has a template and base wireframe design. This allows us to quickly piece together a website and almost instantly start skinning for the brand."

As the project progressed, organizing how these pieces were developed and making them available to the engineers that needed them became a major challenge.

The solution

npm Organizations gives Condé Nast's engineering team a simple and effective organizational framework, managed in a centralized hub. Being able to manage access to these packages and organize modules across teams and sites helped accelerate the UK Digital Group's work:

"Over the past two years, npm Orgs have become instrumental in being able to work quickly to build basic websites for any of our brands," Taylor said. "Another advantage is that npm helps to keep consistency between content — meaning we always know exactly the type of information that a component might display."



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

The stack

Condé Nast's stack combines modern open-source technology with home-grown, templated front-end components. The team uses JavaScript to enhance the components, frequently pairing mustache templates with SCSS. "Everything on a site should work without JavaScript, and then we use the notion of enhancing that component if we can."

Cloud features like AWS Lambda have been incorporated into the stack, while Docker has become a primary deployment technique for containerization.

JavaScript (ES6)

SCSS

Python/Flask

Mustache

Grunt/Webpack/
Browsersync

AWS Lambda

Docker

"npm Orgs gives us all of our repos under one umbrella with ease of control over who can access them."

—Rich Taylor

Head of Development and Technology
for the UK Digital Group at Condé Nast



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