



DEVELOPERS LIVE

Rapid Frontend Development: your future workflow

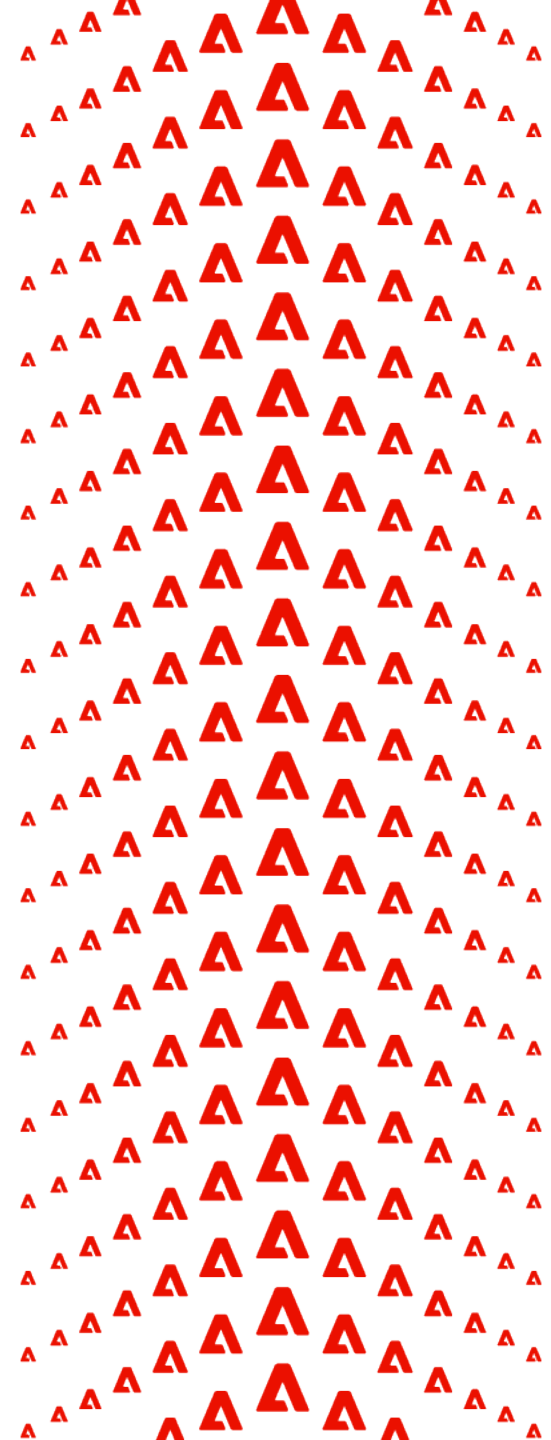
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Rapid Frontend Development

Agenda:

- Current state
- Future workflow
- Demo
- Technical details
- Win a \$1000



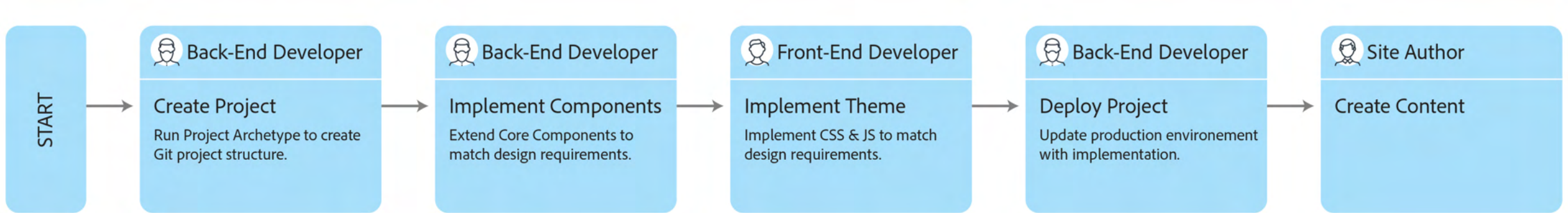
Site Creation Features

Like pieces of a puzzle:

1. HTML Template Language
2. Java Sling Models
3. Core Components
4. Template Editor
5. Style System
6. Grid System
7. Content & Experience Fragments
8. Project Archetype



Traditional Site Creation

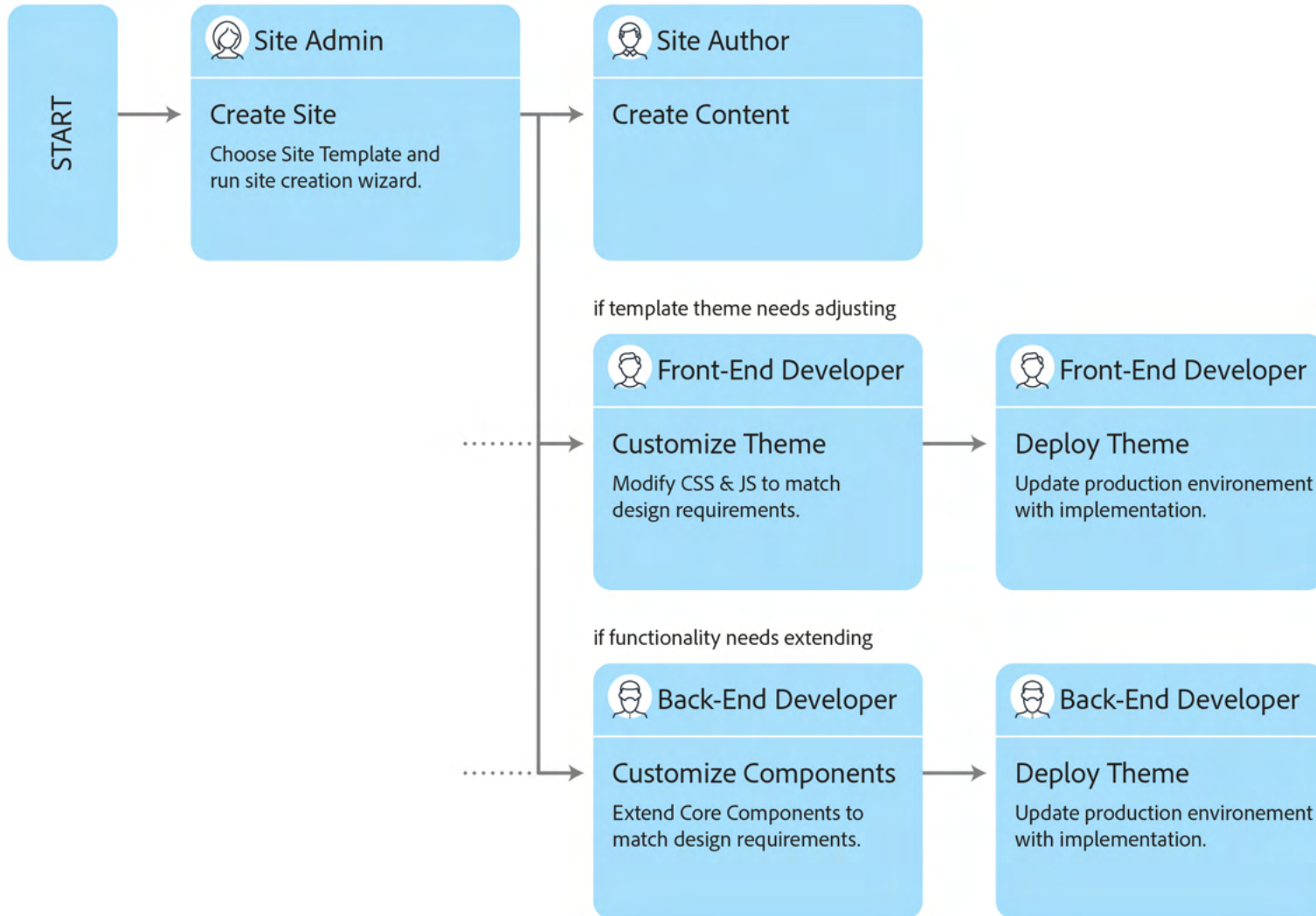


- A back-end centric process.
- Front-end developers heavily depend on back-end developers.
- Authors cannot start before the entire process got completed.
- Forces projects into a waterfall model.



Rapid Site Creation

TECH PREVIEW



Introducing new concepts

- Site Template
- Site Creation Wizard
- Front-End Module
- Front-End Deployment

Availability

- The feature is currently in private beta.
- Generally availability is currently estimated for later 2021.
- If interested in early access, please reach out.



Sneak Peek

Demo



Site Template

 **site** — Content package that gets initialized for every new site created.


 src/main/content/*

 pom.xml

 **theme** — Front-end module with the CSS & JS sources for the sites.

 src/*

 package.json

 **previews** — Images displayed in the site creation wizard to preview the site.

 template.png

 **files** — Related files, like wireframes and design files.

 wireframe.xd

 **package.json** — Build instructions and metadata of the site template.

 **site-template.zip**

Site Creation Wizard

The admin:

- chooses or upload a site template;
- configures the site title and name.

As a result, the site creation wizard:

- initializes a site from the content package of the site template;
- applies the theme (CSS & JS) of the site template to the created site.

Front-End Module

- Is a standard NPM project.
- Requires no Java tooling (such as Maven).
- Allows for any NPM tooling (like Webpack or Sass).
- Builds static files that will be deployed as-is.
- Won't wrap the files into an AEM Client Library.

Front-End Deployment

- Deploys the built files to location that is publicly available via the Cloud Service CDN.
- Deploys the files a time-stamped path to efficiently kill caches.
- Informs Experience Manager about deployments for it to update its file references.
- The core page component references the deployed files via a central context-aware config.

Important to know

- A site template can only deploy mutable content such as:
 - `/content/SITENAME/*`
 - `/content/dam/SITENAME/*`
 - `/content/experience-fragments/SITENAME/*`
 - `/conf/SITENAME/*`
- If a site template relies on custom code, this needs to be deployed by a back-end developer before the admin can use the site template.
- For the time being, prior to go-live, a back-end developer still needs to deploy the Dispatcher configuration.

Show us your best site template – you may win \$1000!



Create Your Own Site Template Contest

Get early access to new Adobe Experience Manager Sites functionality that will accelerate your implementation projects!

Your Challenge: Create your own full site template – which includes both the component and page template designs of your site as well as the accompanying front-end code – by leveraging beta features being released later this year. Top 3 entries win a \$1000 gift card, and top winner overall will be selected as a finalist for our AEM Rockstar challenge.

Visit [here](#) for more on contest rules, guidelines, and eligibility.

DEADLINE: March 19, 2021

Get started right away

- Sources of the basic site template:

github.com/adobe/aem-site-template-basic/

- “Sites-30” beta program:

experiencecloudpanel.adobe.com/c/r/Sites30

- Site template creation contest:

link tbd

