The Template Editor

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Evolution Bureau
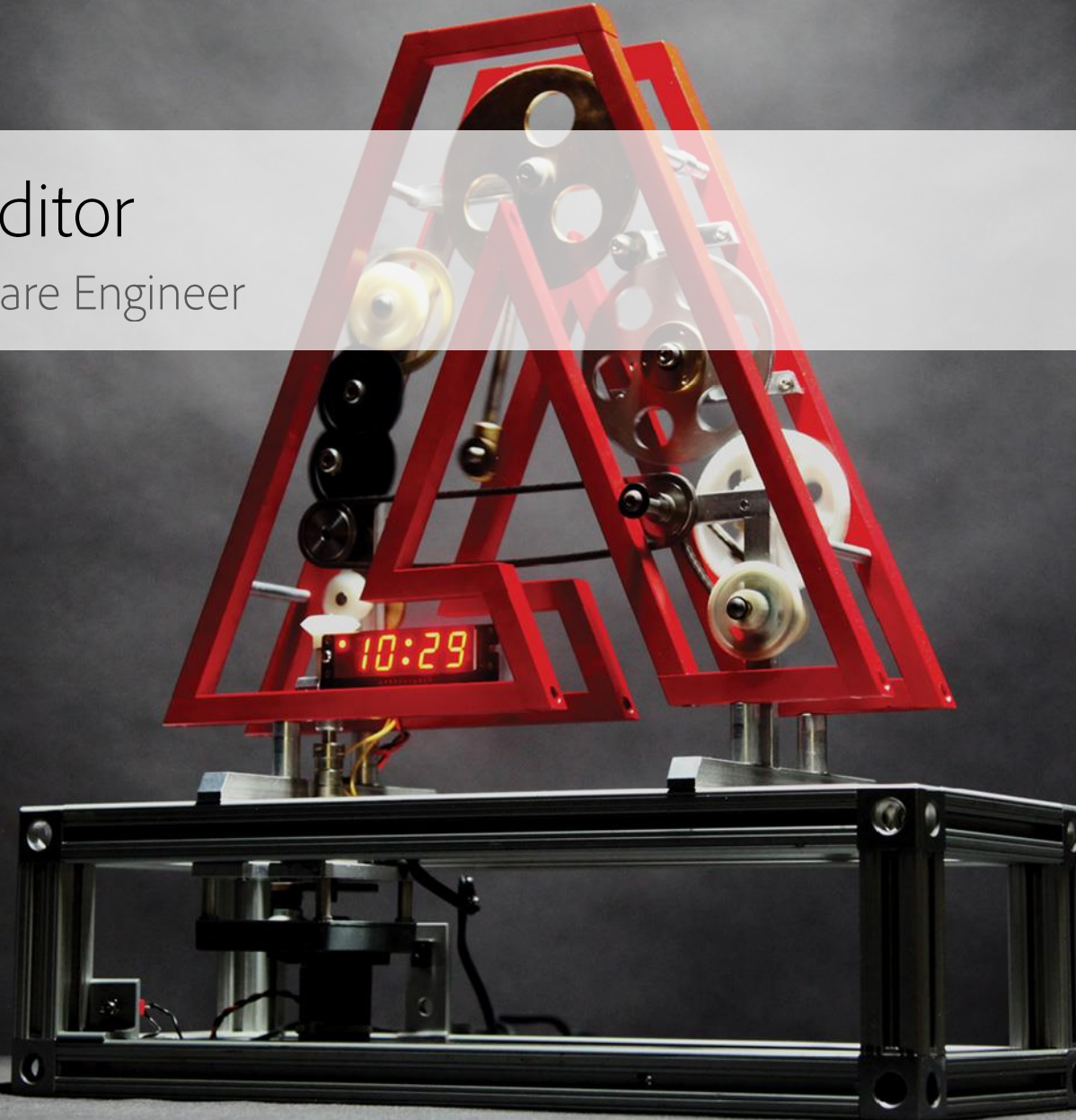
Agenda

1. Introduction and Concepts
2. Create a simple template
3. Edit template & advanced capabilities
4. Technical architecture of templates
5. Observe a custom template type

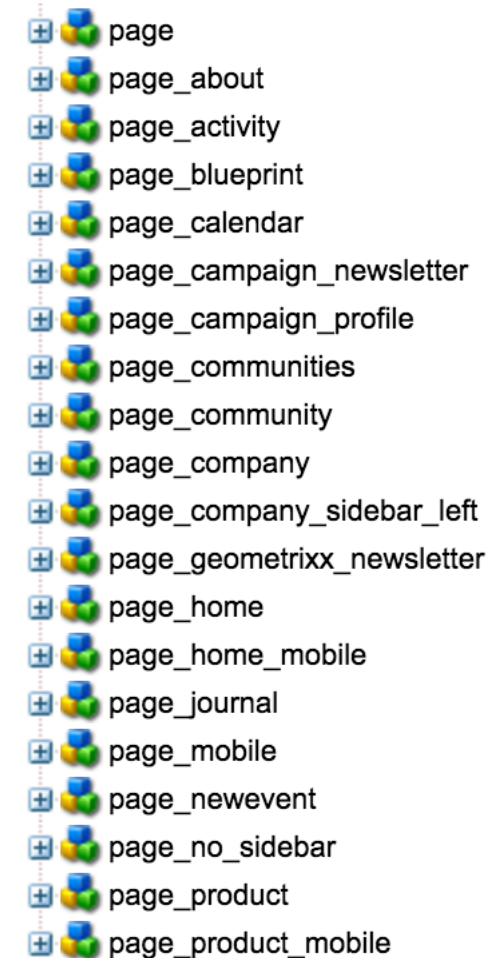# Template Editor

Main Capabilities

- Compose templates out of existing components

- Control how pages using the template can be edited

- Pre-configure the design properties of the page and components

- Provide initial content to the new pages

What it solves

Maintain hand-coded variations of templates

- Multiple variations of components
- Multiple list of allowed components
- Multiple component settings

→ Moved from static files to configuration ←

page
page_about
page_activity
page_blueprint
page_calendar
page_campaign_newsletter
page_campaign_profile
page_communities
page_community
page_company
page_company_sidebar_left
page_geometrixx_newsletter
page_home
page_home_mobile
page_journal
page_mobile
page_newevent
page_no_sidebar
page_product
page_product_mobile

Resolution

Make use of the Configuration Manager

- Centralized location for configurations

Resource resolution strategy

- /conf
- /apps
- /libs

Life Cycle

A template has various states

- Draft
- Enabled
- Disabled
- Published

Design Properties

The **policy** characteristics

- Carries the design properties

- Portable – can be located at different places

- Reusable – can be shared by multiple templates

- Provides the configuration for mapping the assets into components

MODULAR DESIGN

- Content
- Component
- Template structure
- Design properties

Roles

Creating a new template requires the collaboration between

Developer

- Builds components to be added to the templates and pages

Template Author

- Provides templates and configurations out of the available components

Page Author

- Creates pages and content from the available templates and components

Kind Definition

The template editor terminology defines different kind of content

Locked Structure

- Content restricted to the template

Editable Structure
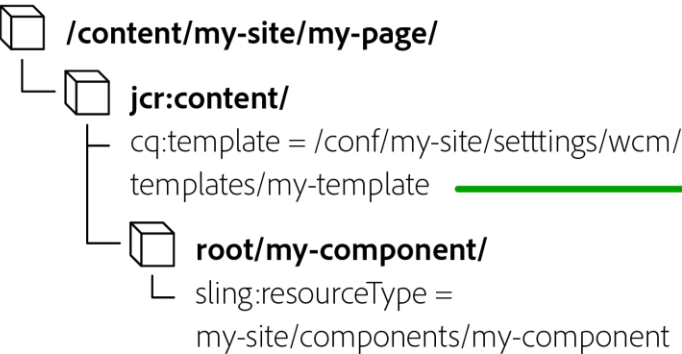
- Structure content set as editable on the page

Initial Content

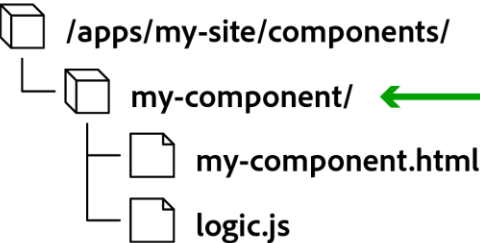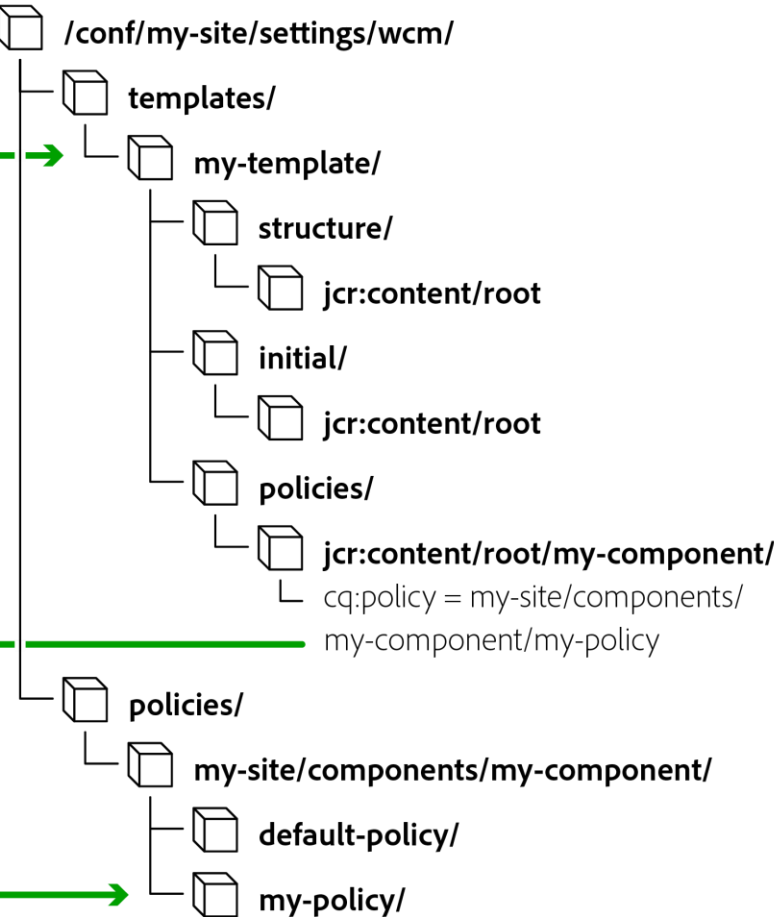- Content provided by the template and editable on the page

Template Demo

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Architecture

CONTROLLER
CONTENT STRUCTURE

📦 **/content/my-site/my-page/**
└─ 📦 **jcr:content/**
   ├─ cq:template = /conf/my-site/setttings/wcm/
   │ templates/my-template
   └─ 📦 **root/my-component/**
      └─ sling:resourceType =
         my-site/components/my-component

VIEW
COMPONENTS

📦 **/apps/my-site/components/**
└─ 📦 **my-component/**
   ├─ 📄 **my-component.html**
   └─ 📄 **logic.js**

CONFIGURATION
TEMPLATES & CONTENT POLICIES

📦 **/conf/my-site/settings/wcm/**
├─ 📦 **templates/**
│ └─ 📦 **my-template/**
│   ├─ 📦 **structure/**
│   │ └─ 📦 **jcr:content/root**
│   ├─ 📦 **initial/**
│   │ └─ 📦 **jcr:content/root**
│   └─ 📦 **policies/**
│   └─ 📦 **jcr:content/root/my-component/**
│   └─ cq:policy = my-site/components/
│   my-component/my-policy
└─ 📦 **policies/**
   └─ 📦 **my-site/components/my-component/**
      ├─ 📦 **default-policy/**
      └─ 📦 **my-policy/**

Template Summary

1 Walkthrough of
the template concepts

2 Created and used
a new template

3 Explored the technical
architecture

Template-Type

Characteristics

The **template-type** contains the initial content of a template

- Template of template
- Content structure copied over to the new template
- Pre-configured set of configuration – policies, allowed components
- No logical bond between the template type and the templates
- Created by the Developer

Resource location

The templating mechanics detail you need to know

Policy mapping

- Structure: unique per component

- Initial Content: by component type

Policy

- Component path followed by policy node name

Root Container

- Static container required to start adding content to the template

Editable Structure Components

- Flagged as editable on the structure aspect

- Carries the properties on the initial aspect

Template-Type Demo

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Template-Type Summary

1   Purpose of the template-type

2   Locate references and resources

3   Observed the structure of a template-type

References

Useful resources

Editable Template Documentation

- https://docs.adobe.com/docs/en/aem/6-2/develop/templates/page-templates-editable.html

We.Retail Repository

- https://github.com/Adobe-Marketing-Cloud/aem-sample-we-retail

Custom Template Type Repository

- https://github.com/Adobe-Marketing-Cloud/aem-sites-example-custom-template-type

Frontend Core Editor API

- https://docs.adobe.com/docs/en/aem/6-2/develop/ref/jsdoc/ui-touch/editor-core/index.html