

Translating Designs into AEM Components



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Overview



Design breakdown

Questions to ask

Identifying development tasks

Building the author experience (AX)

Putting it all together



Breaking Down the Design



Identify the End User Experience

Hoodoo

About Products Pricing Get Started

A few pages you should read

Technology that takes you further
This is some awesome marketing materials that you will never read and that's fine.

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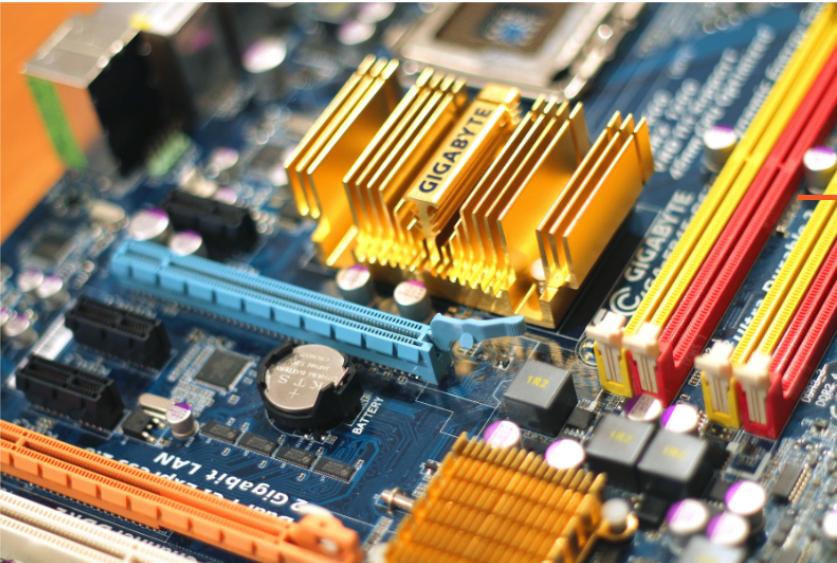
Read more

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Read more



Breaking Down Elements



Image

Technology that takes you further

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Title

Description

Read more

Link to article



Asking the Right Questions

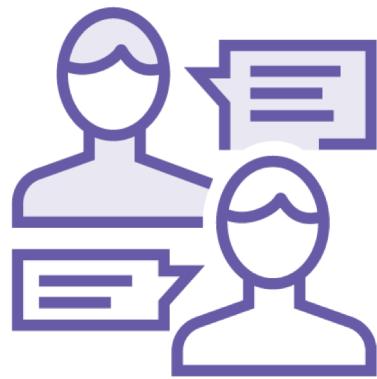


Ask Content Questions

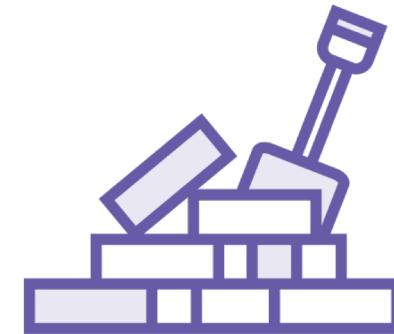
- Where does this content come from?
- How is it structured?
- Does the content already exist?
- Experience exist on many pages?



Answers Help Define the Project



Ask questions to get others involved



The answers will help guide the experience to be built



Ask Authoring Questions

**How do you want
to author this?**

**Is this authoring
task too repetitive?**

**Does this dialog
make sense?**



Ask Caching Questions

- How do you expect this content to be updated?
- Do I need to publish other content when this content gets published?
- Do I need a workflow launcher?



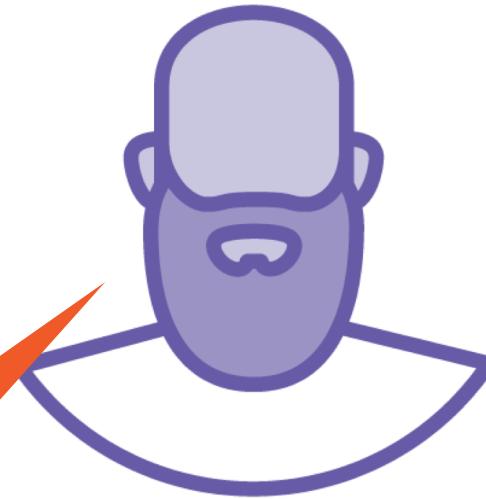
Questions Build Relationships



Developer



You do care!



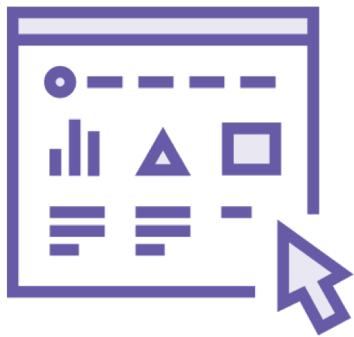
Happy author



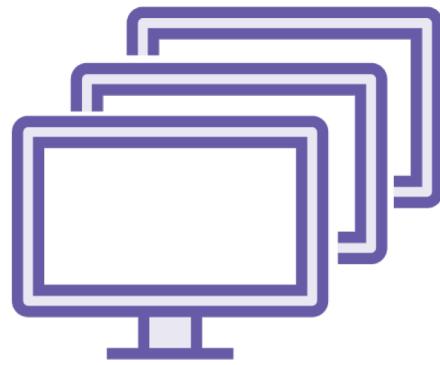
Identifying Development Tasks



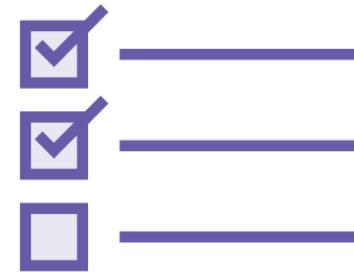
Identifying Components



Dragged on to a page



Experience lives in
multiple pages



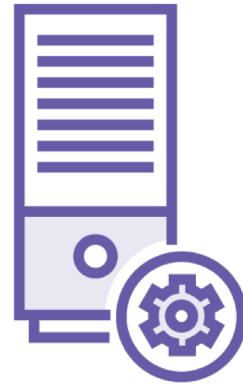
Different settings per
component instance
(set via dialog)



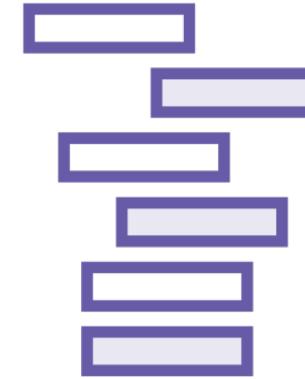
Identifying Services



Querying the JCR



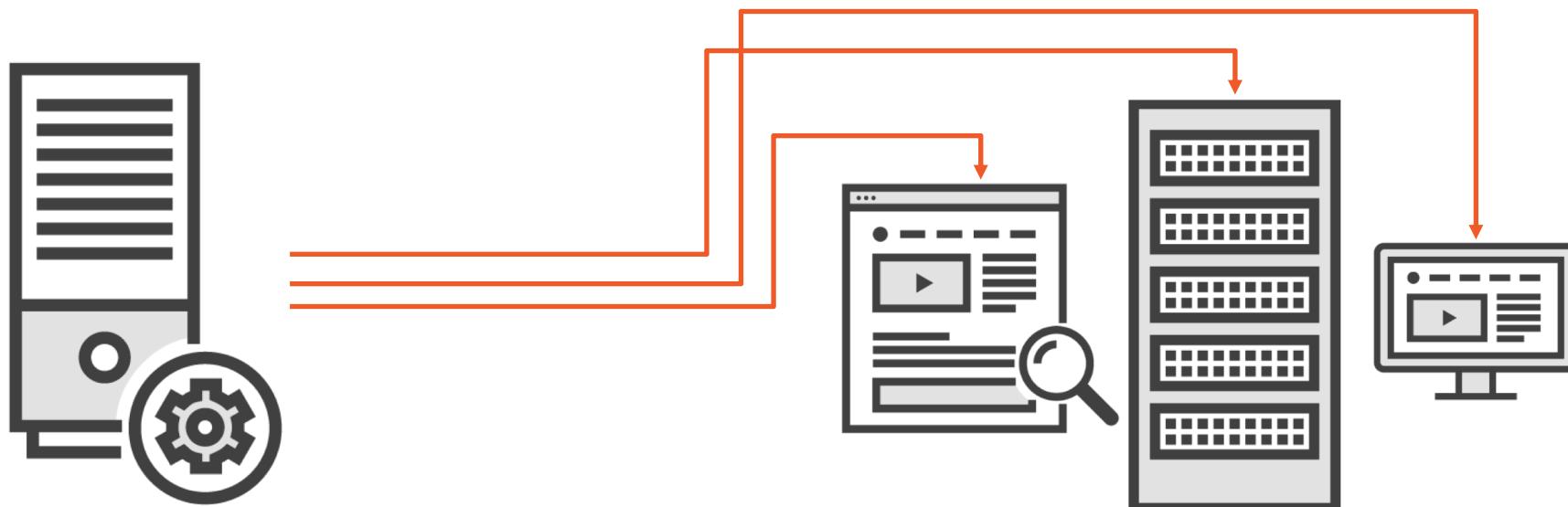
Requires sophisticated
logic



Creating collections



Development Curveball



Articles on server

Third party services
and websites



Exposing Content via Endpoints



Leverage Sling's script resolution
with `selectors` and `resourceTypes`

{JSON}

Serialize content with JSON or
similar data structure



Development Tasks

Create a component authors can use to select a path

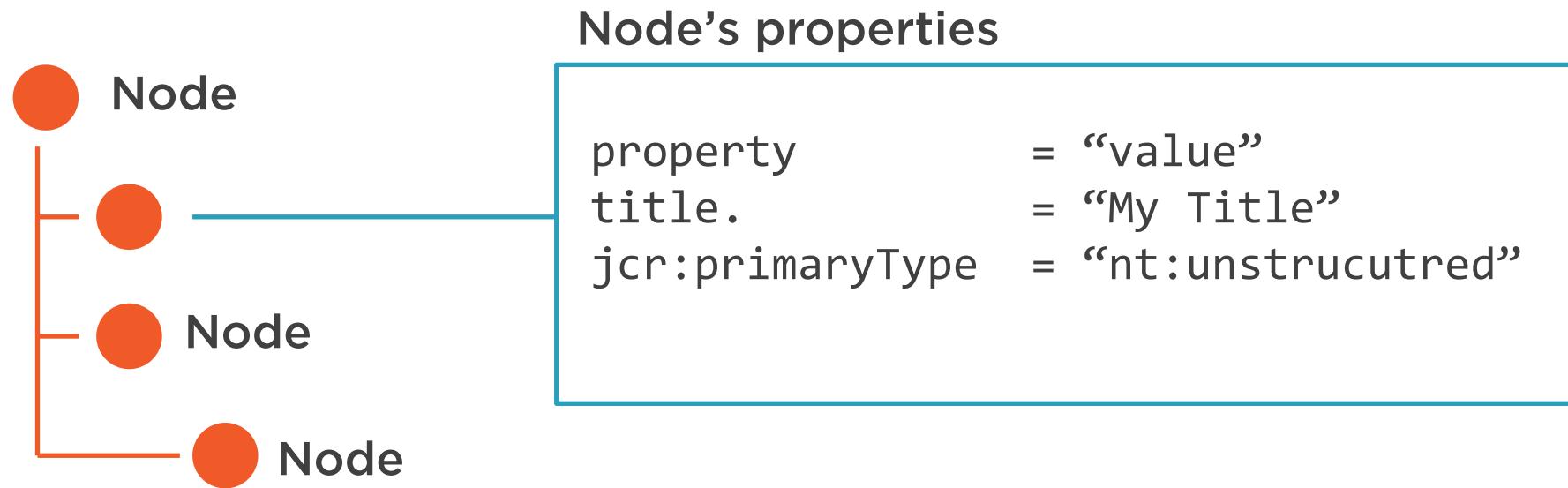
Servlet to expose list of articles as JSON



Building the Author Experience



Defining the Content Structure

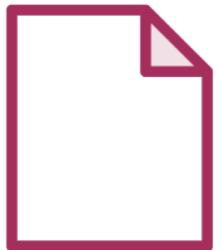


A content structure/resource



Defining the Article Resource

Page



Page properties node

Add article feed
description and title
properties here.



Using an Embedded Resource

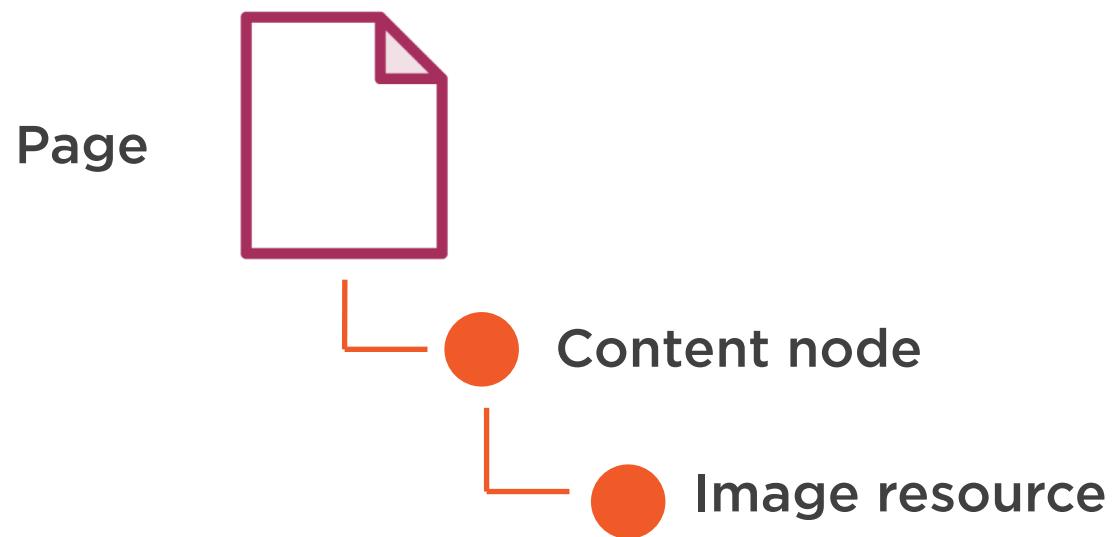
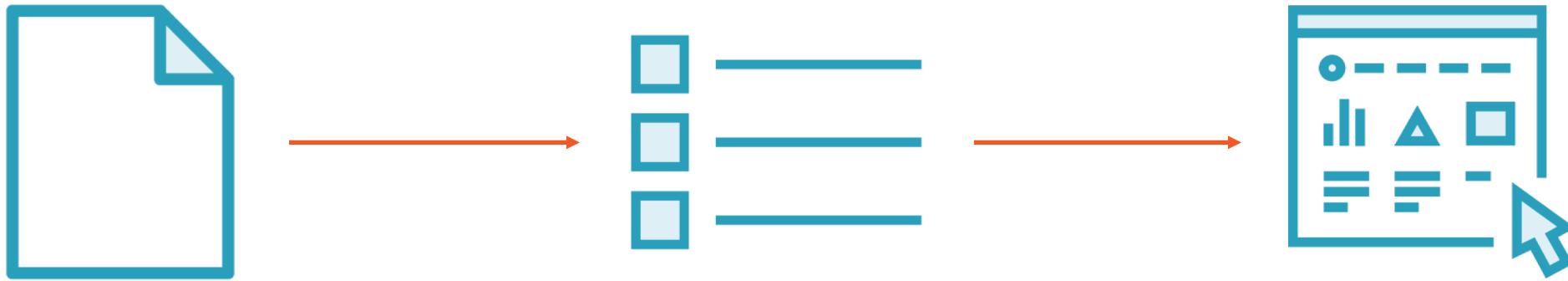


Image is added by default in the content structure



Imagining the Author Experience



Author creates a new page

Sets article properties

Adds image to new page



New Development Tasks

New page rendering component/script

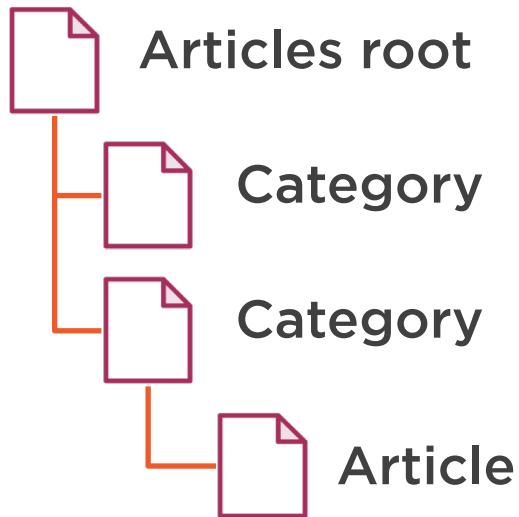
New template

New template-type

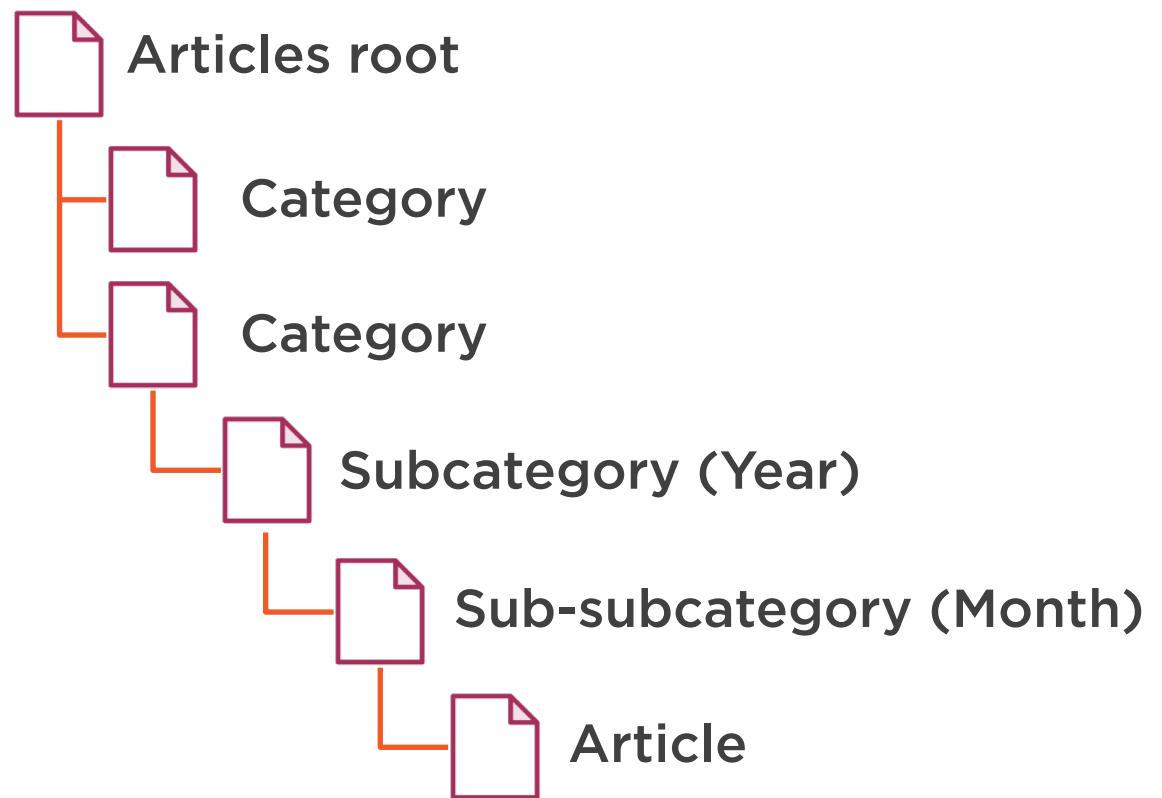


Building the List of Articles Structure

Simple structure



Sophisticated structure



Putting All the Requirements Together



All Development Tasks

Feed component

Article feed endpoint

New page component

Template

Template-type



Overview



Design breakdown

Questions to ask

Identifying development tasks

Building the author experience (AX)

