

Developing Structure Components



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Overview



Designer

Define structure components

Build navigation component

Logging in AEM

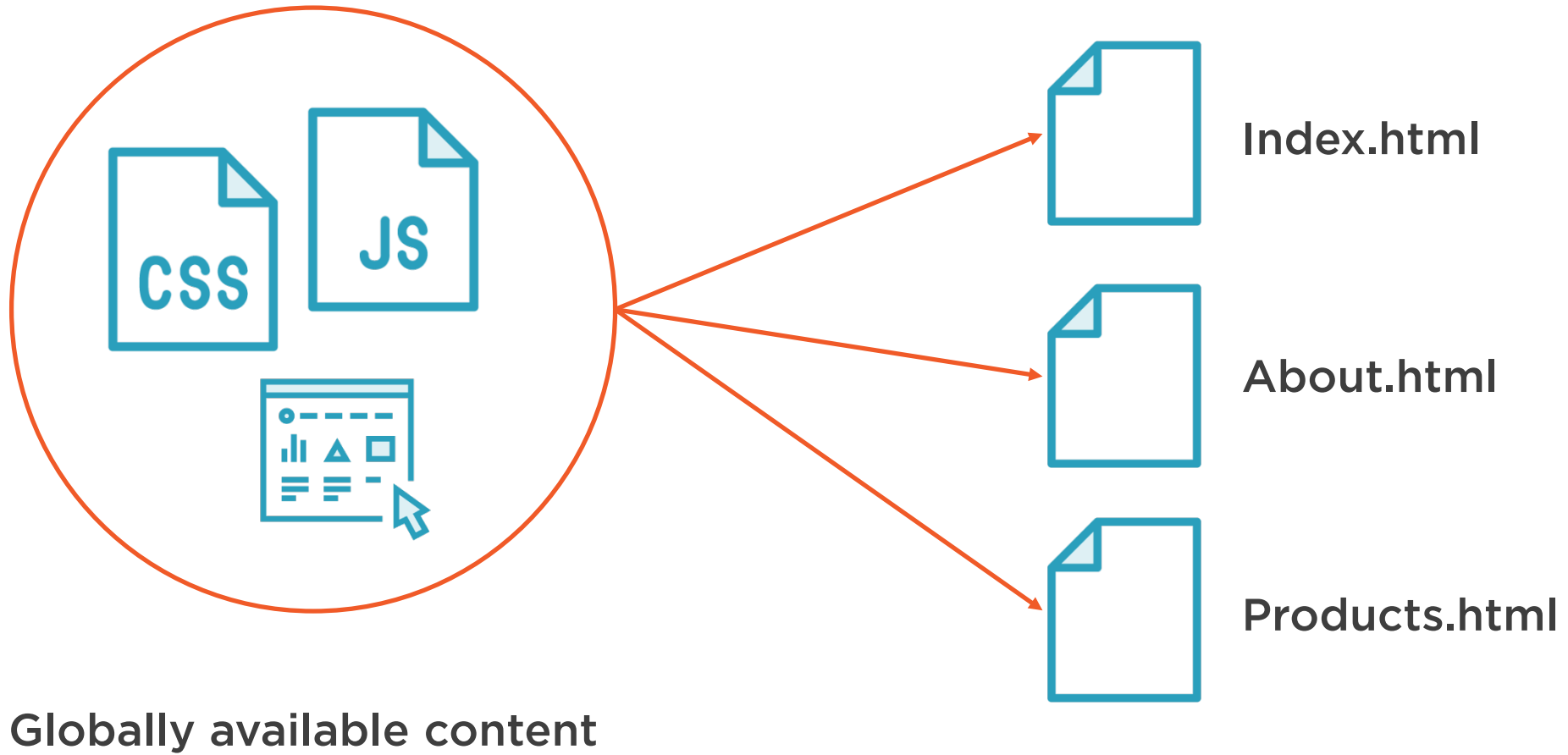
Component dialog boxes

cq:EditConfig

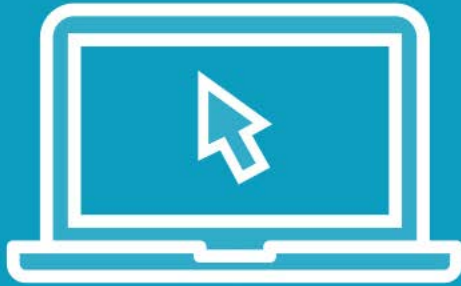
Design dialog boxes



Design(er)



Demo



Define a design

Upload client libraries

Include client libraries in page component



Structure Components



Structure vs Content

Structure component

cq:component

Default rendering scripts

Editable by authors

Authors cannot remove

Embedded through data-sly-resource

Content component

cq:component

Default rendering scripts

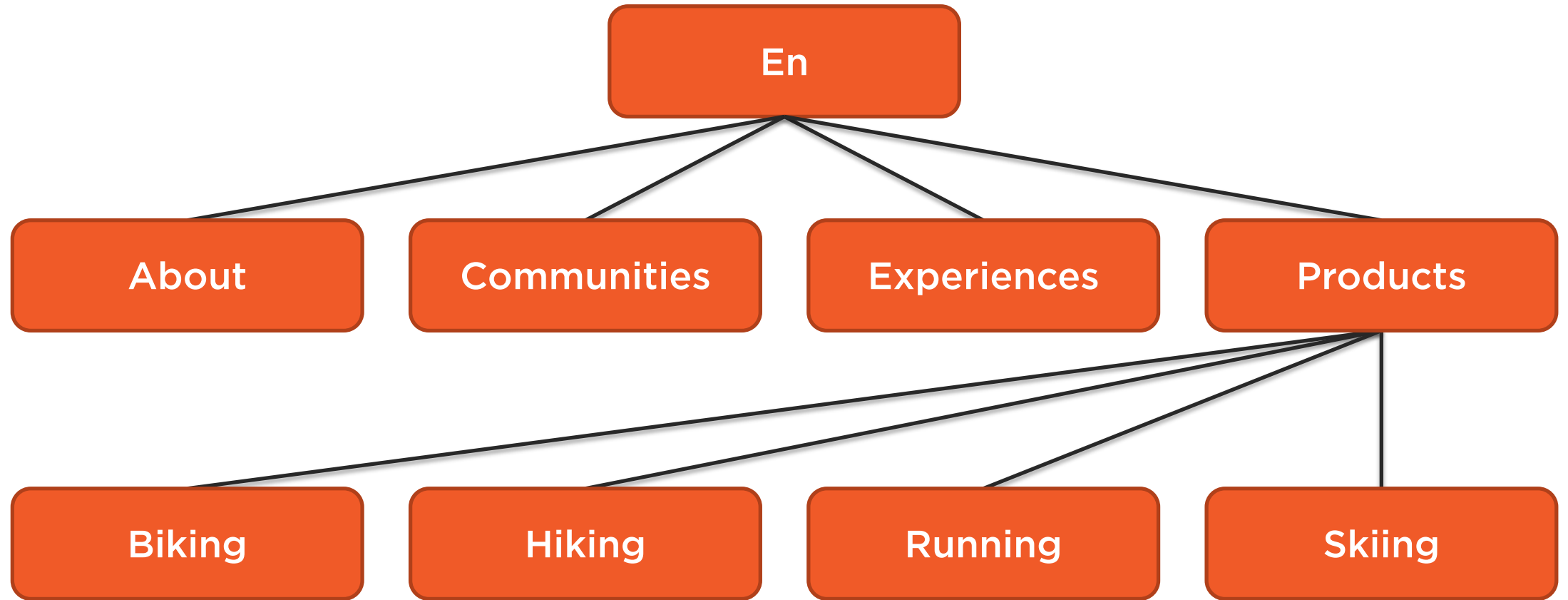
Editable by authors

Authors can remove

Used in responsive grids



Creating a Top Navigation Component

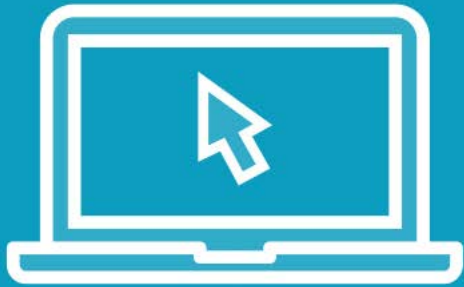


Developing Structure Components

```
data-sly-resource=${'topnav' @ resourceType='training/components/topnav' }
```



Demo



Create navigation component

Include using data-sly-resource

Test navigation

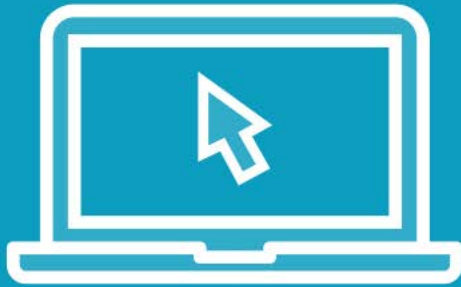
Make navigation responsive



Component Logic with Data-Sly-Use



Demo



Create backend java file

Call on java using data-sly-use

Create backend javascript file



Logging in AEM



AEM Logging Configuration



Configure global
parameters



Request data logging



Custom log files



Log4j in AEM



Appending an Entry to the Log File

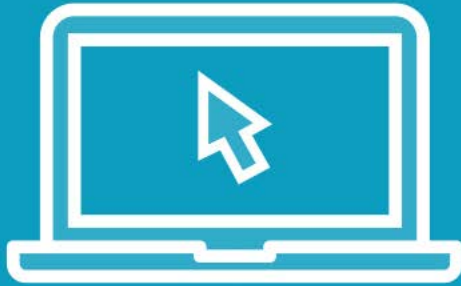
Method call

Log message

```
log.debug("This is the log message")
```



Demo



Create new logger

Log an entry from script

Check the log file




Component Dialog Boxes





Touch-Optimized UI Dialog Boxes


Image asset




Drop an asset here or [browse](#) for a file to upload.


☐ Image is decorative 

Alternative Text * 

Link 

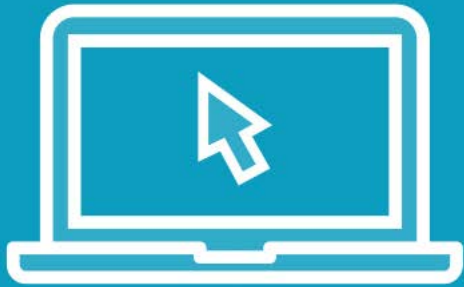
☒

Caption 

☐ Display caption as pop-up 



Demo



Explore dialog node structure

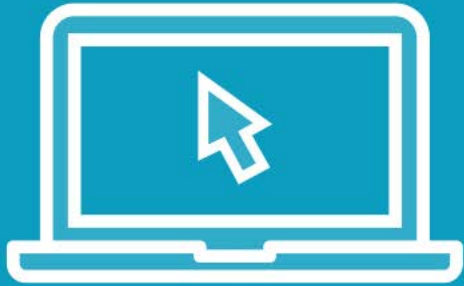
Explore node properties



Create a Title Component



Demo



Create title component

Update contentpage script

Add dialog to component

Investigate properties after dialog use

Add cq:editConfig node



Design Dialog Boxes



Properties of Design Dialog Boxes

Global content

Stored in /etc/designs

Root of cq:Page

Child node of cq:PageContent

sling:resourceType is wcm/design



Design Box Dialogs

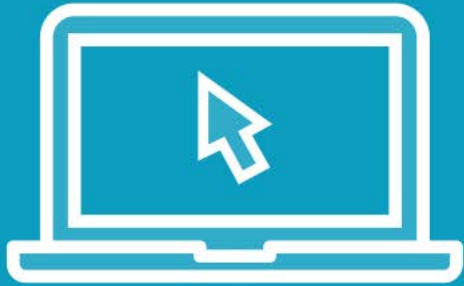
cq:design_dialog

etc/designs

design mode



Demo



Create hero component

Give component a dialog

Display image from dialog

Assign a design

Create design dialog



Course Summary



Questions and Comments



Course discussion



Rate

Summary



AEM architecture

Developer tools

Content rendering with Sling

Templates

HTL

Designer

Structure Components

Components dialogs

