

Adding a New OSGi Bundle to the Project



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Overview



Build a new bundle module

Setup the pom.xml

Add new bundle to a content-package

Configuration nodes for bundles



Setup & Install Bundle Project



Parts of a Bundle Project



Folder structure



Pom.xml



Java

Demo



Add a new module to our parent project

Build out the necessary folder structure

Add some java business logic

Embed bundle into a content package

Install package



OSGi Configuration Nodes



Configuring OSGi in AEM



System console



Configuration file



Configuration nodes

Not Covered in This Course



System console

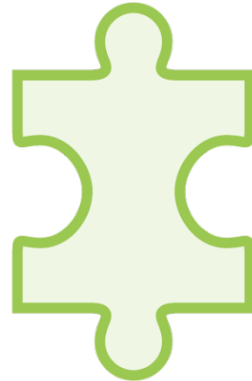


Configuration files

Configuration Node



`sling:OsgiConfig`



Name of node is the
persistent id (pid)
with `.xml` extension



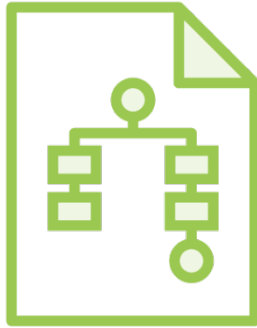
Properties of the node
are the configurations

Contents of Configuration Node

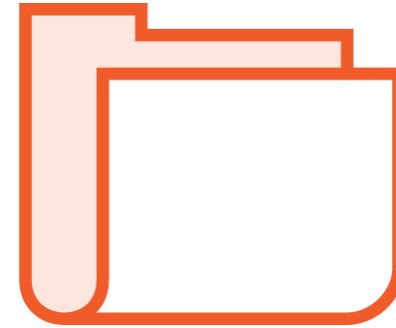
```
<?xml version="1.0" encoding="UTF-8"?>  
<jcr:root  
  xmlns:sling="http://sling.apache.org/jcr/sling/1.0"  
  xmlns:jcr="http://www.jcp.org/jcr/1.0"  
  jcr:primaryType="sling:OsgiConfig"  
  rootmapping.target="/welcome.html"/>
```



Config Folder

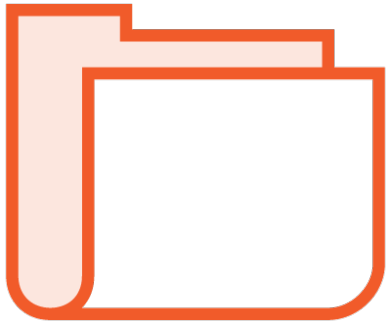


Configuration node

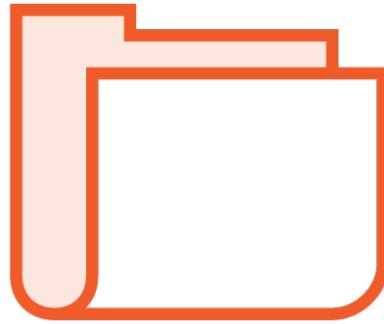


Config folder

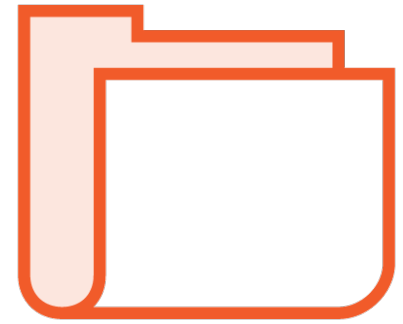
Runmode and Config Folders



`config`

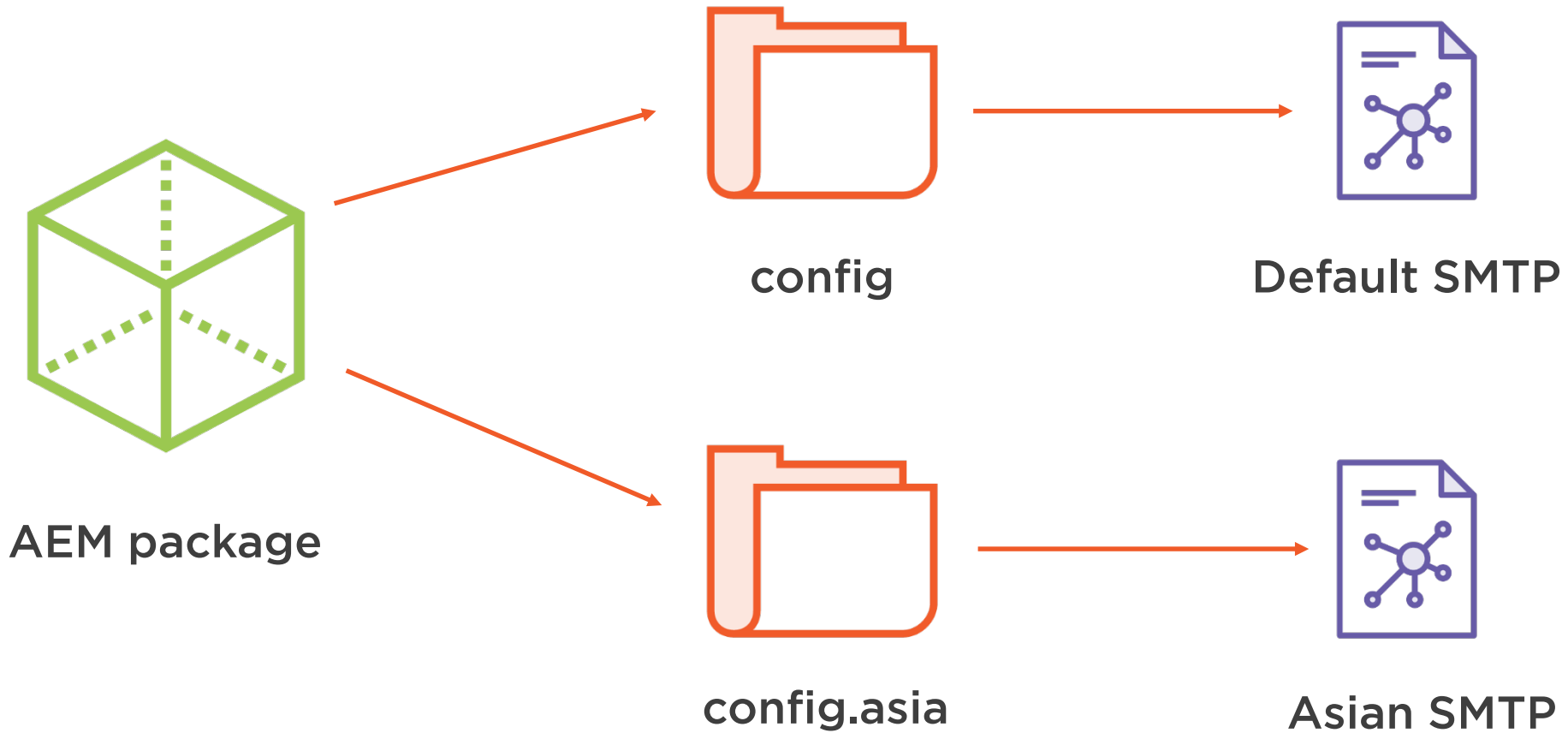


`config.author`



`config.publish`

Config Runmode



Demo



Identify the pid and property of an OSGi configuration

Create an OSGi configuration node in our AEM project

Install package to update the OSGi configuration



Summary



Read through and understand different modules in an AEM project

Importance of OSGi configuration nodes

