Content Ingestion

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Overview

Data migration
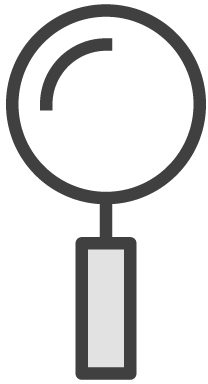
Content Package

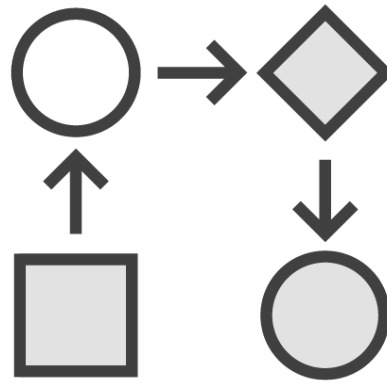**Sling POST servlet**

JCR API

Understanding Data Migration
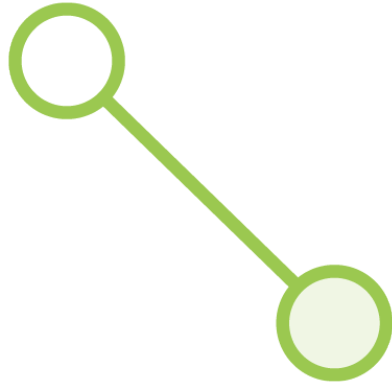
The Migration Process

Identify the source

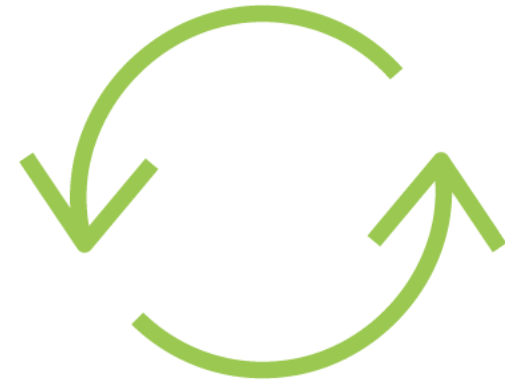**Transform the existing content to the target format**

Import into the JCR

Approaches to Data Migrations

One-time migration

Continuous migration

Types of Migration

Automated migration

Partially automated migration

Manual migration

Migration on request

Considerations During Data Migration

Not just copy paste

Each project is unique

Make good use of XML

Identifying the Challenges of Data Migration

Different systems

CMS already in place

Lack taxonomy and metadata

Migrating Data from Legacy Systems

Analyze the source system

Define data architecture

Pre-format data considerations

Implementation Considerations

Data manipulation

Consider sub-migrations

Export content based on business requirements

Define the node structure

Test before actual migration

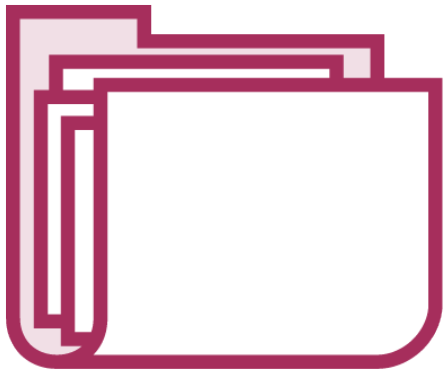# Migration Methods

Content Packages

Sling POST servlet

JCR API
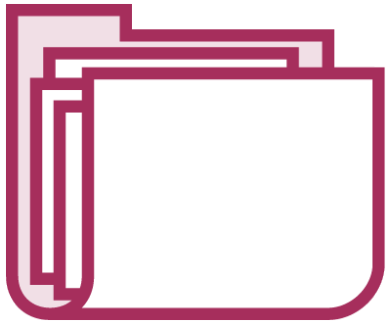
Content Packages

Content Package Migration
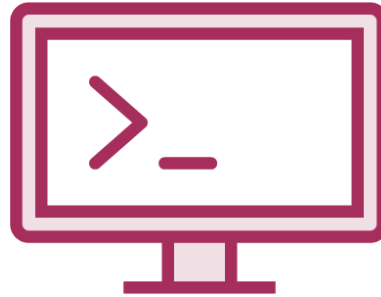
Good for lots of data

Package Manager

Content Package Migration
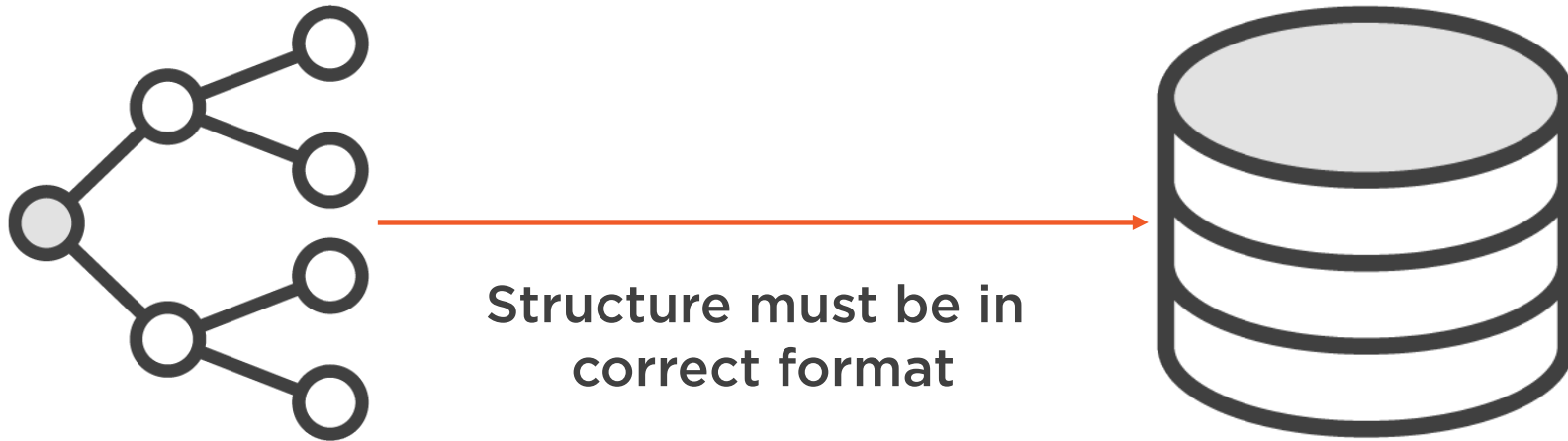
Good for lots of data

FileVault (VLT)

Package Manager

When to Use Packages for Migration

Structure must be in correct format

Using the Package Manager for Migration
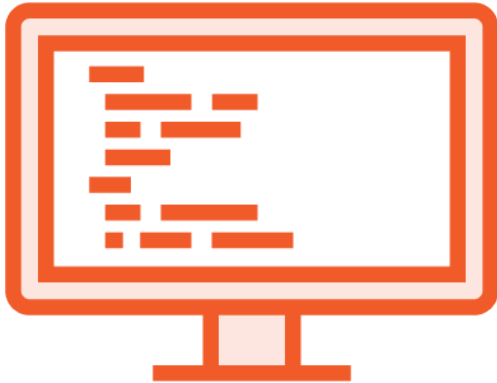
Package Manager uses FileVault

Content packages are zip files with meta-information

Content Package Structure

JCR_ROOT folder

META-INF folder

Fundamentals of Building From Projects in AEM

Demo

Create new page in project files

Verify new content

Sling POST Servlet

Understanding SLING Post

POST request

URL
http://localhost:4502/content/training

Data
text=some awesome text

Migrating Content

Export from legacy system

Shell script to transform content into cURL commands

Demo

Add content via cURL

Verify new node

Using the JCR API

Demo

Create ImporterServlet

Create node to invoke servlet

Test servlet

Summary

Data migration process

Migrating with Content Package

Migrating with Sling POST servlet

Migrating with JCR API