



Architecture of the AEM 5.6 Platform

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AEM 5.6 Quickstart



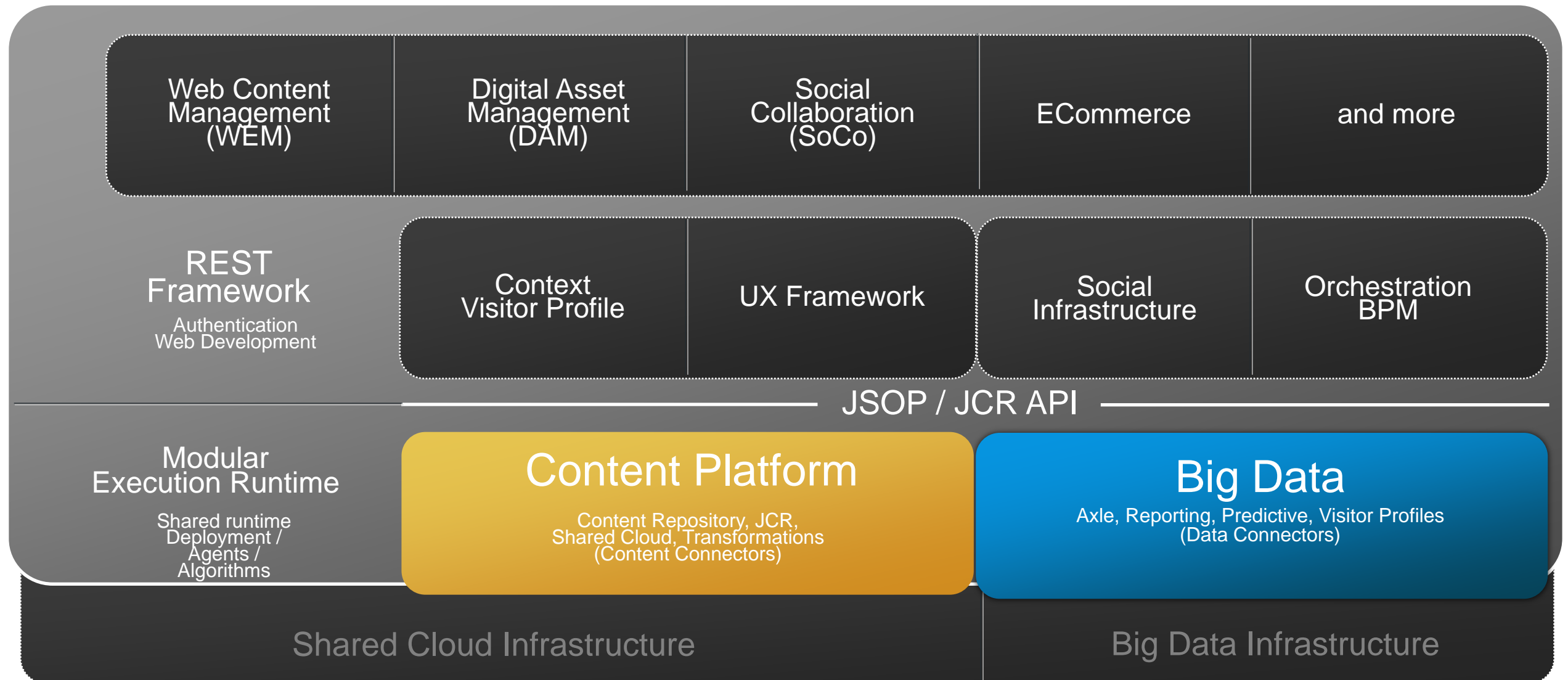
Looking back

- Communiqué 1
 - CGI Scripts for Netscape Enterprise Server
- Communiqué 2
 - Standalone application (single binary)
 - C Programming Language
 - HTTP Server embedded
 - Filesystem based page (content) storage
- Communiqué 3 (2002)
 - Communiqué 2 rewritten as a Web Application in Java
 - HTTP Server separated out (birth of CQSE)
 - ContentBus storage (connectors for various file formats, databases, etc)
- Communiqué 4 (2005)
 - ContentBus storage over JCR (CRX 1.0)
 - Two Web Applications: CRX and CQ

Looking back, part II

- Communiqué 5 (2008)
 - Complete Rewrite of (almost) everything
 - OSGi Based Web Application (upto Communiqué 5.4)
 - Standalone Java Application embedding CQSE with Web Apps
 - Native JCR Use
 - Based on Apache Software:
 - Apache Felix -- OSGi Framework
 - Apache Jackrabbit -- JCR (Reference) Implementation
 - Apache Sling -- Web Application Framework
 - ...

AEM 5.6 Application Platform and Modules



Key Points

- Deployment
 - OSGi Bundles
 - Repository Content Packages
- Transparent Deployment
 - Standalone Java App with Servlet Container as Bundle
 - Web Application inside Servlet Container with Bridge Bundle
- Full support for...
 - OSGi Facilities and Services
 - JCR Repository
 - Extensibility (Bundles, Repository Content Packages)

Key Points cont.

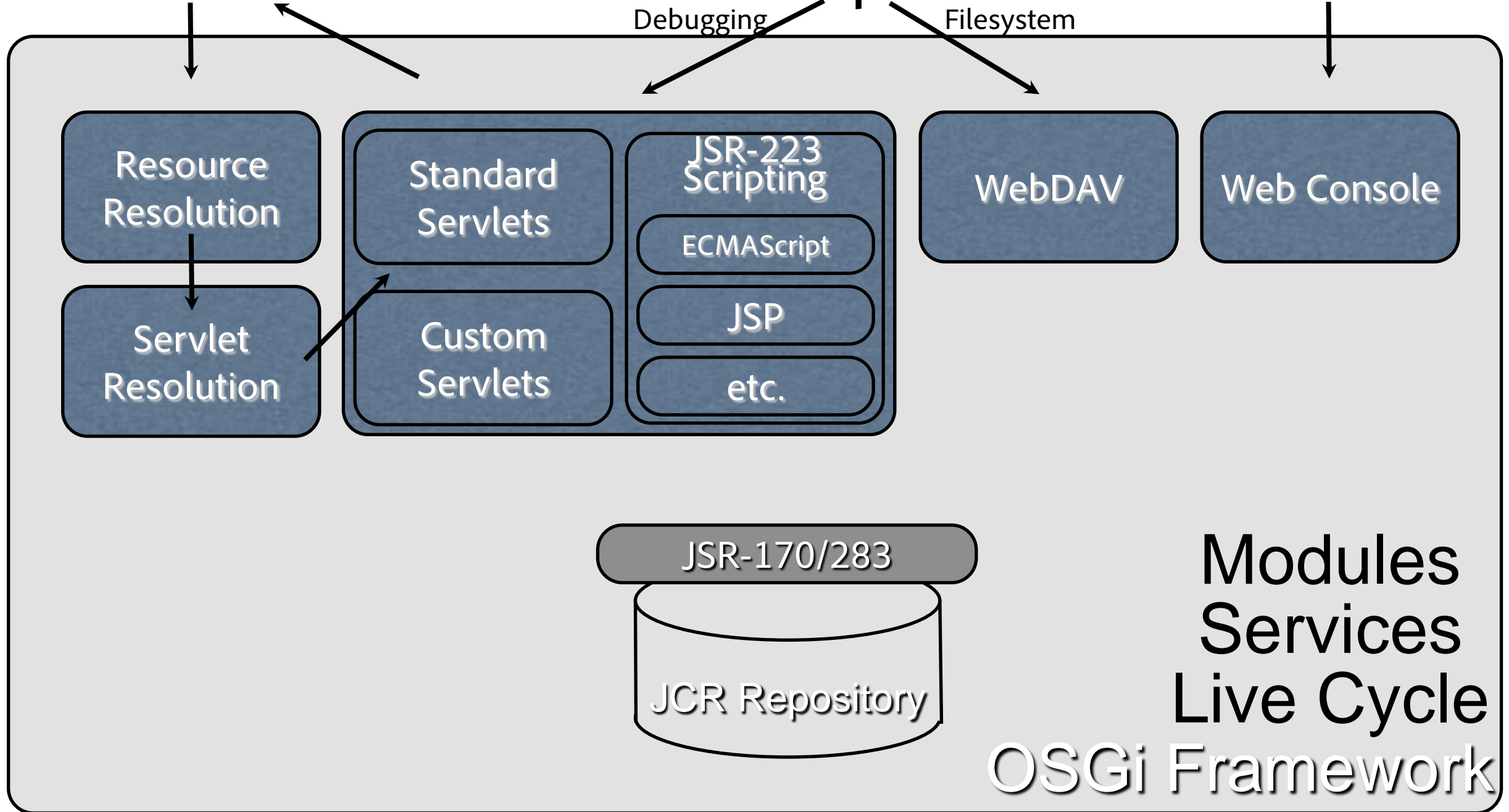
- Resource API
 - Virtual Resource Tree
- Adapter Framework - Different Views on Objects
 - Resource as WCM Page
 - ResourceResolver as JCR Session
 - Script in the Repository (Resource) as Servlet
 - Servlet Service (Resource) as Servlet

Data Flow View

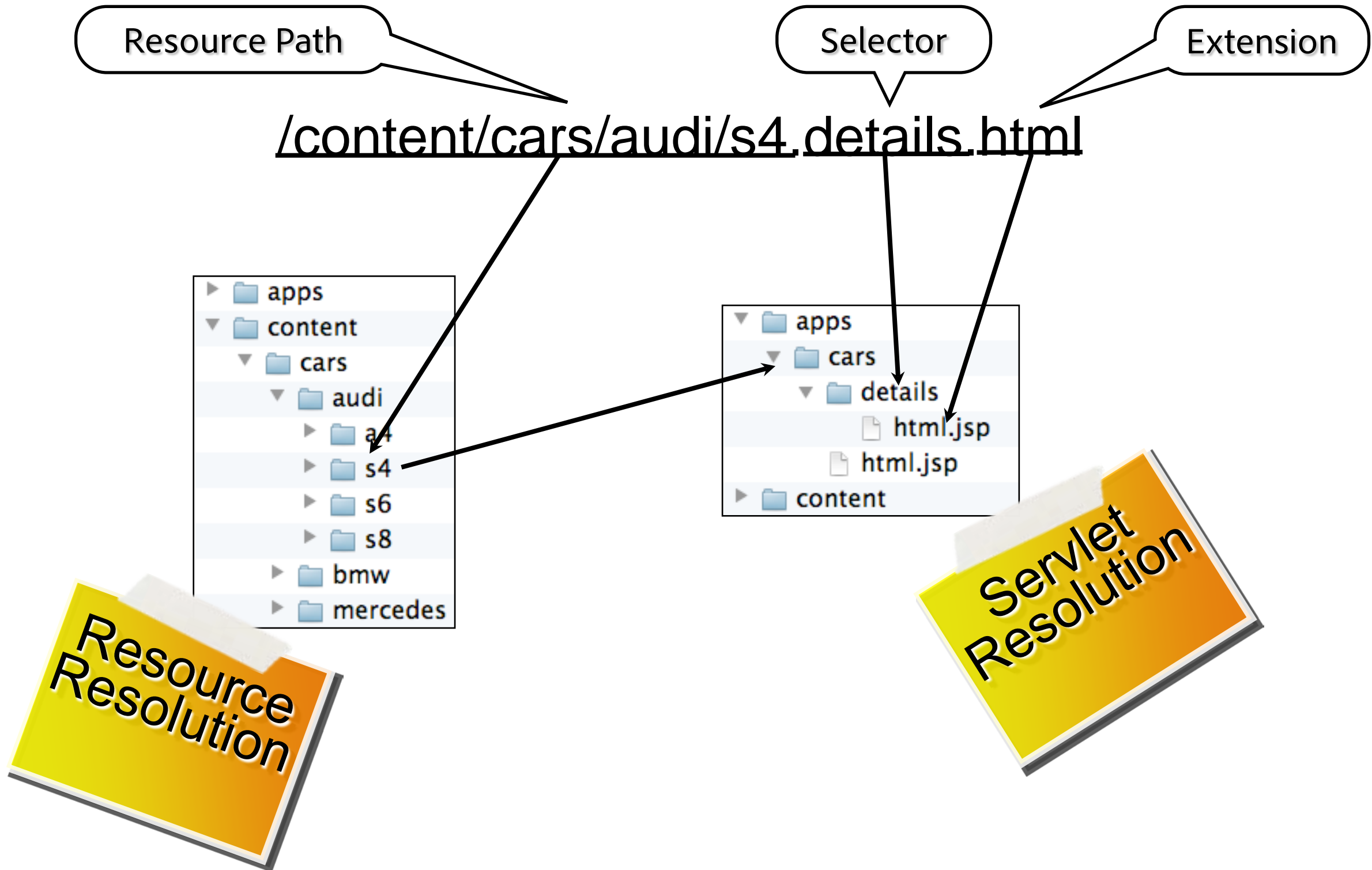
HTTP / Internet

Development

Administration



Sling URL Decomposition



Resources

- [Adobe.com/go/gems](http://adobe.com/go/gems)
 - Upcoming Gem Sessions
 - On-demand Gem Recordings
 - Events where you can find Adobe Experts
- Developer Resources
 - <http://dev.day.com/docs/en.html>
 - <http://dev.day.com/docs/en/cq/current/exploring/concepts.html>
- Follow us on twitter from @Adobe CQ
- Join the conversation dev.day.com



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