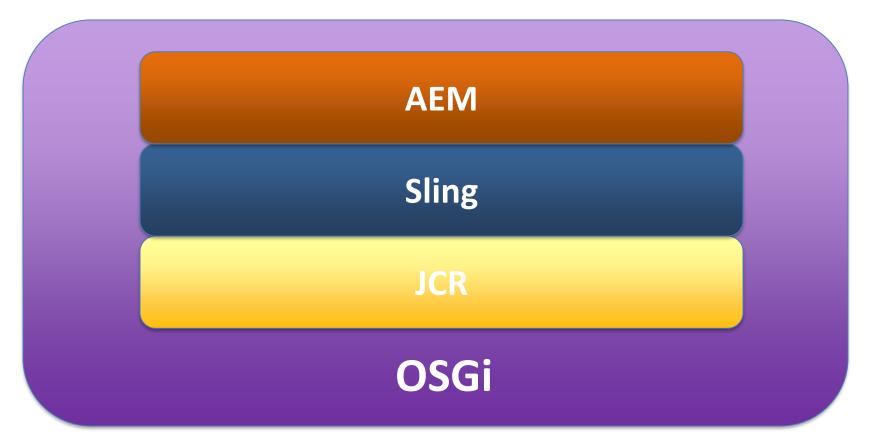




ПОГРУЖЕНИЕ В APACHE SLING

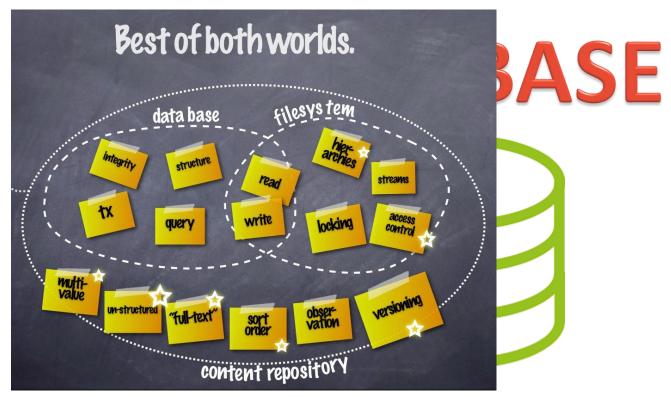
Кирилл Иваньков Certified AEM Developer в Axamit

AEM stack





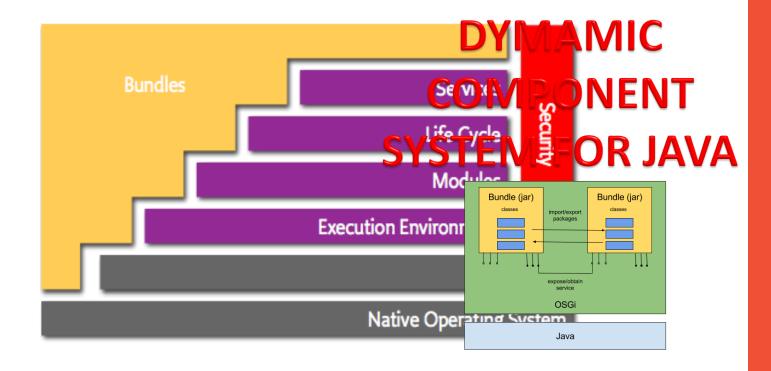
JCR (Java Content Repository)







OSGi (Open Service Gateway Initiative)





APACHE

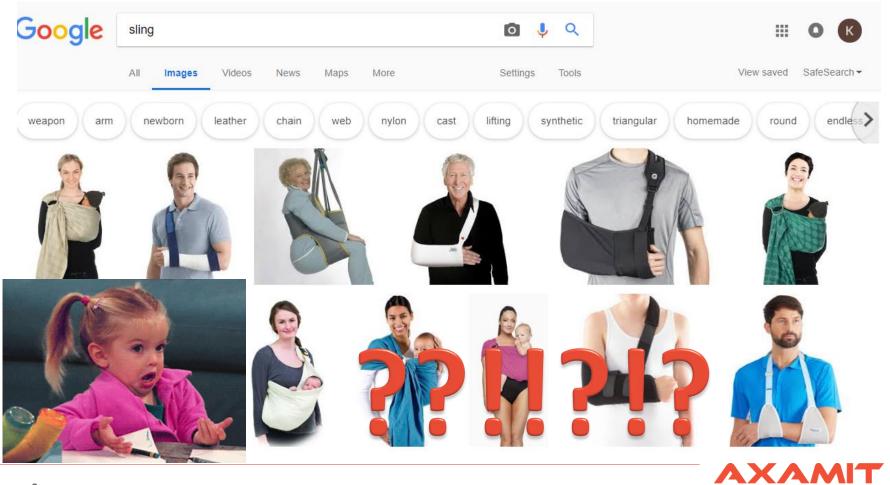


What you call a boat, so it will float!





"Sling" in Google



The name "Sling" has been proposed by Roy Fielding who explained it like this:

"[The name is] Biblical in nature.

The story of David:

the weapon he uses to slay the giant Goliath is a sling. Hence, our David's [David Nuescheler, CTO of Day Software] favorite weapon.

It is also the simplest device for delivering content very fast."



sling.apache.org





Experienced AEM developer



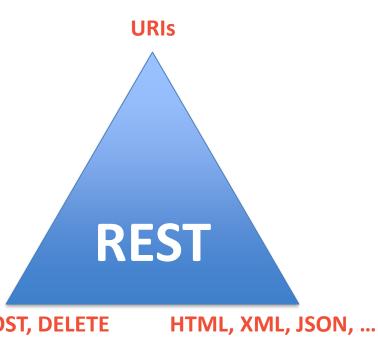


Roy Thomas Fielding

American computer scientist, one of the principal authors of the HTTP specification and the originator of the Representational State Transfer (REST) architectural style. He is an authority on computer network architecture, and cofounder of the Apache HTTP Server project.

REST is about RESOURCES

Client-server architecture **Statelessness Cacheability** Layered system **Code on demand (optional) Uniform interface**









Content centric Web framework

- 1) Apache Open Source framework
- 2) JCR (Apache Jackrabbit) content, code, configuration, etc.
- 3) **RESTful** framework
- 4) Scripting inside, multiple languages (JSP, SS
- JS, Scala, etc.)
- 5) Apache Felix OSGI



AEM formula





Campaign

Media Optimizer



AEM = Sling +



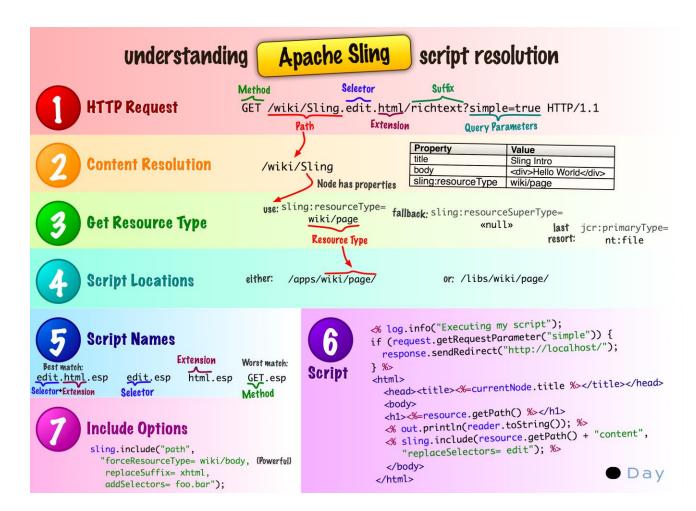


Target



Social







sling/sample.print.a4.html(0) GET.esp

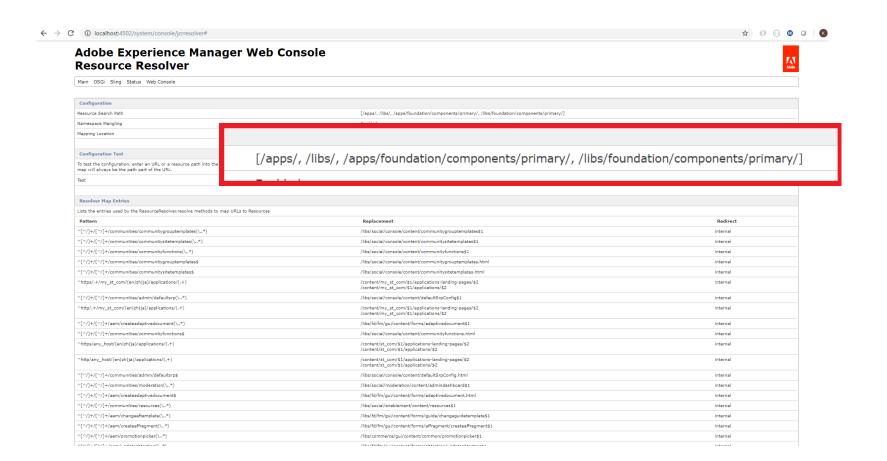
- (1) sample.esp
- (2) html.esp
- (3) print.esp
- (4) print/a4.esp
- (5) print.html.esp
- (6) print/a4.html.esp
- (7) a4.html.esp
- (8) a4/print.html.esp

The priority of script selection would be (starting with the best one):

$$(6)$$
 - (4) - (5) - (3) - (2) - (1) - (0) .

Note that (4) is a better match than (5) because it matches more selectors even though (5) has an extension match where (4) does not. (7) is not a candidate because it does not include the first selector (print) and (8) is not a candidate because it has the wrong order of selectors.









Welcome

Apache Sling is a web framework that uses a Java Content Repository, such as Apache Jackrabbit, to store and manage content. Sling applications use either scripts or Java serviets, selected based on simple name conventions, to process HTTP requests in a RESTful way. The embedded Apache Felix OSGi framework and console provide a dynamic runtime environment, where code and content bundles can be loaded, unloaded and reconfigured at runtime.

The Sling Launchpad is a ready-to-run Sling configuration, providing an embedded JCR content repository and web server, a selection of Sling components, documentation and examples. The Launchpad makes it easy to get started with Sling and to develop script-based applications.



To get started with Sling, see our website, the Slingshot sample application or the Sling in 15 minutes tutorial.

You can mount the repository via WebDAV to explore or modify content, simply use the root URL as the WebDAV server URL.

Session

Login (admin:admin)

Resources

This Site
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System Configuration

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Mailing Lists
Tutorials
Source Code
Sample Applications

