



JUDCon

JBoss Users & Developers Conference

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Building and porting applications for GateIn Portal.

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JBoss Enterprise Portal Platform

Right sized for the Enterprise

- [What Does JBoss EPP 5 Mean To Me?](#)
- [Portals The Red Hat Way](#)

[Learn More...](#)

powered by



Try EPP with one of these user accounts

Administrator

Username: **root**
Password: **gtn**

[Click To Login](#)

Manager

Username: **john**
Password: **gtn**

[Click To Login](#)

User

Username: **mary**
Password: **gtn**

[Click To Login](#)

Demo

Username: **demo**
Password: **gtn**

[Click To Login](#)

Introduction

- What makes a portal application so different
 - X applications, 1 HTTP request
 - X applications, 1 HTTP response

Types of Applications

- The *spec*: Portlet&JSPs
- The *good*: JSF/Struts/...
- The *alternative*: Gadgets
- The *ugly* (but handy): PHP/iFrame/...

Common Portal services

- They would all have access to GateIn services:

```
PortalContainer portalContainer =  
PortalContainer.getInstance();  
OrganizationService orgService =  
portalContainer.getComponentInstanceOfType(Orga  
nizationService.class);  
user user =  
orgService.getUserHandler().findUserByName(remo  
teUser);
```

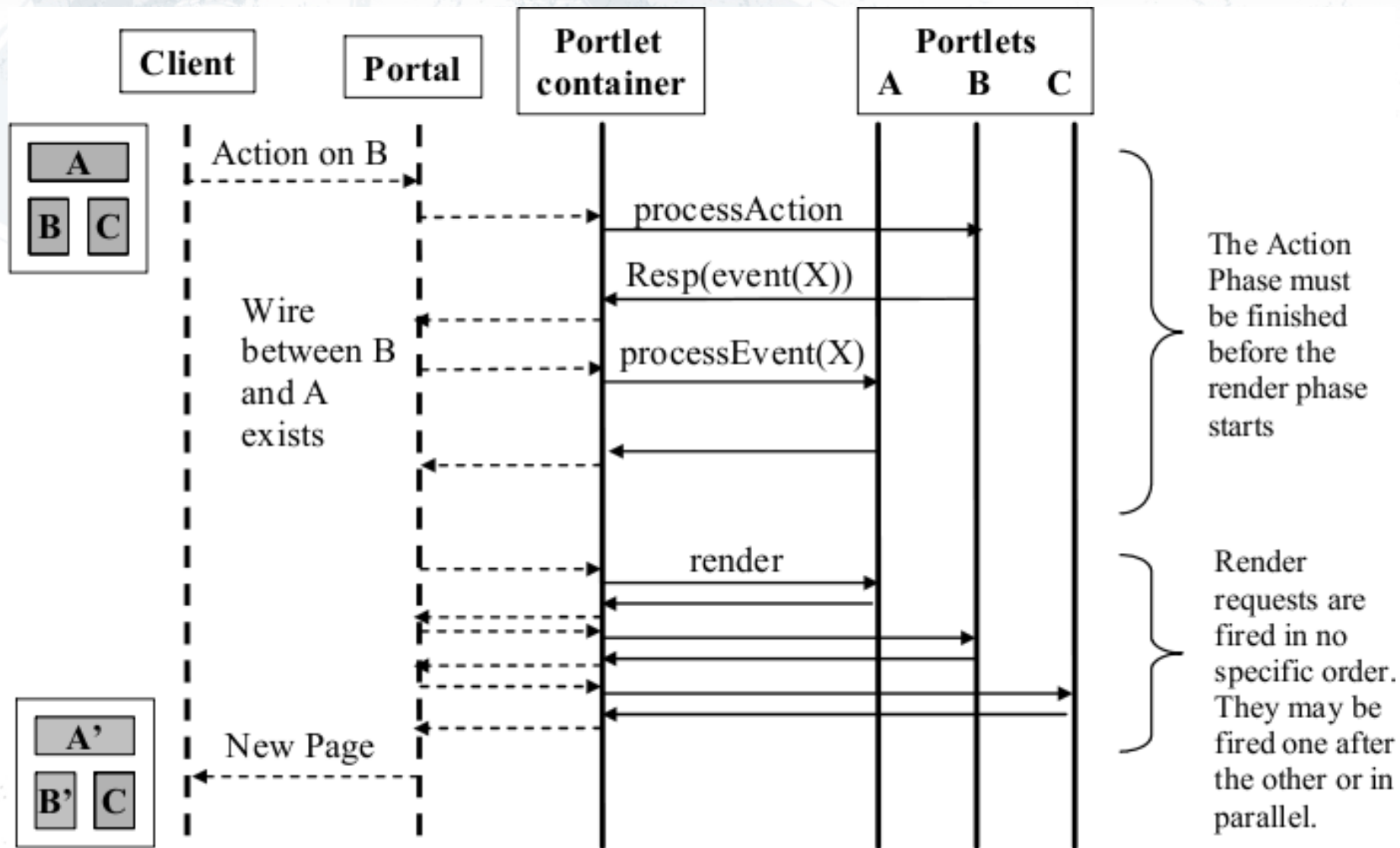


The spec (JSR-286)

(Briefly)

JSR-286

- Sitting on top of the servlet spec
 - Low level
 - Solid base for other frameworks
- Support for inter-portlet communication
- Support for resource serving
- 2 Phases (render/action)



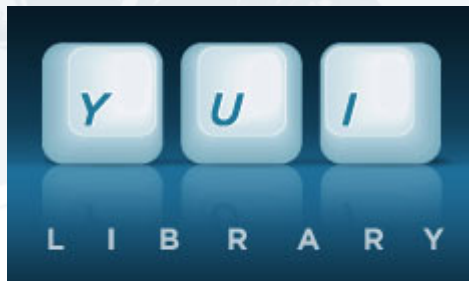


Demo

Creating a portlet with JBDS

Using Javascript libraries

- Javascript/CSS libraries:



- Portlet 2.0 offers a way to add into the header
- Same constraints as in non-portals, mixing frameworks isn't obvious



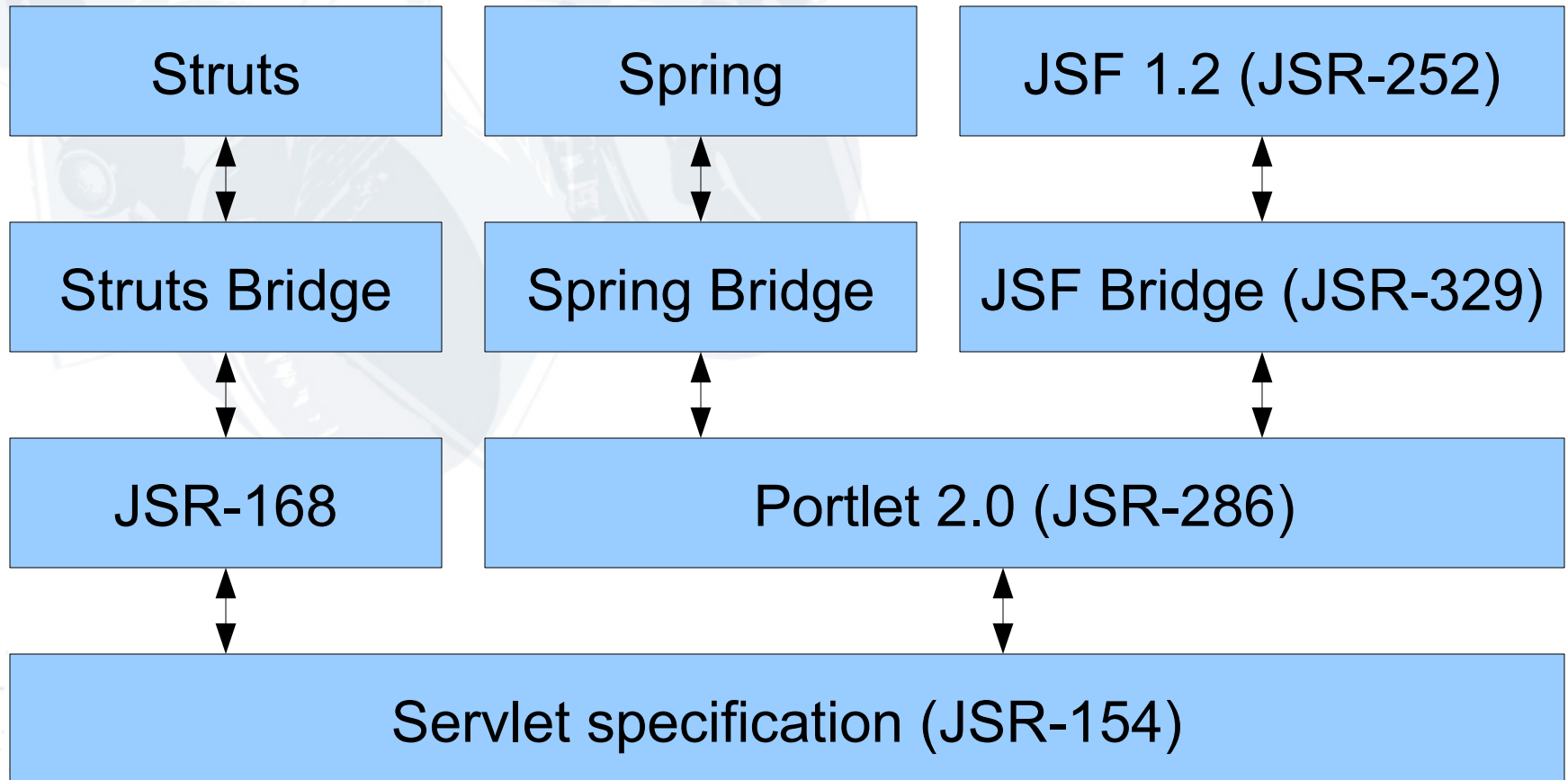
Demo

JQuery



The good (native bridges)

JSF/Struts/Spring...



Also...

- Wicket
- WebWork
- Vaadin
- ...

JBoss Portlet Bridge

- All details in next talk




The alternative (Gadgets)

Gadgets

- OpenSocial
- Manipulated like portlets in GateIn
- Open the doors to GWT

GWT

- Can access the portal services
- Can use any of the Google Web Toolkit gadget functionality



Demo


GWT Gadget



The ugly (but handy)

Supporting old applications

- iFrame
- Web clipping
- PHP bridging, a crossbreed



Demo iFrame

To conclude

- Portlet Spec is a necessary foundation
- Bridges are easy
- Gadgets can be manipulated like Portlets

We're hiring !

Questions ?

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EPP

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