



# JUDCon

JBoss Users & Developers Conference

Boston:2010

# Get started with GateIn Portal !

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June 21<sup>st</sup> 2010

# Elements

- Pages (Structure of the website)
- Security (Access control and delegated administration)
- Skin (Visual aspect of the website)
- Identity (Authentication on the website)
- Applications (Next talk)



# Demo

## GateIn Tour



# Structure of the website

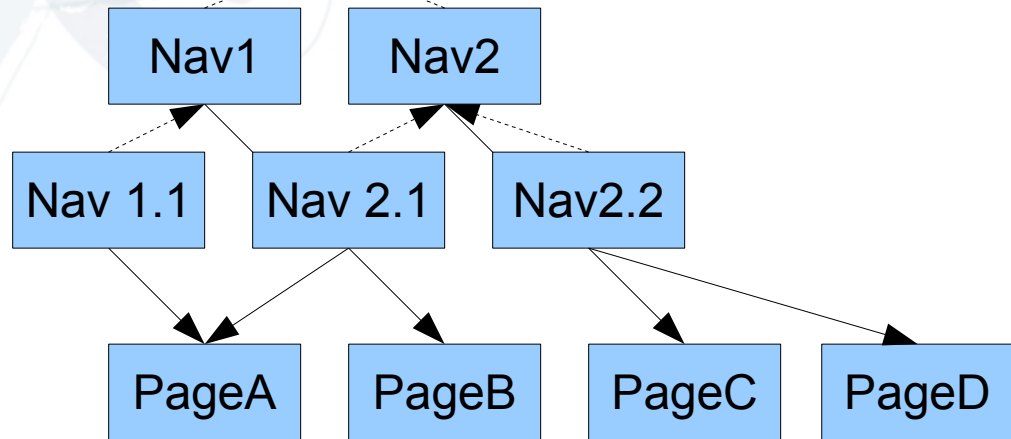


# Pages/Navigation

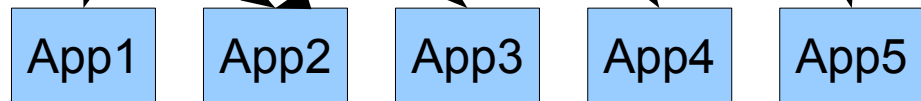
Navigation (navigation.xml)




Pages (pages.xml)



Applications





# Demo

## Create a portal

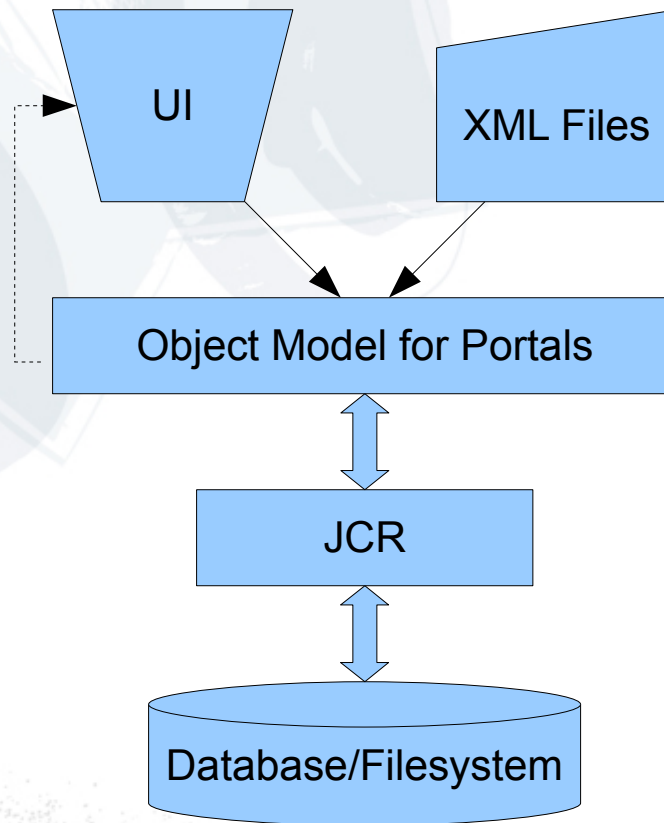
# Various Ways

- Dynamic, through UI
- Static, defined through XML files (ready to ship, prepopulate)



# UI vs XML

- + Easy to use
- + Dynamic
- Painful to reproduce an existing portal
- Can be too dynamic for large productions



- + Easy to ship
- + Defines an initial set of pages
- XML writing
- Subsequent changes need to either use UI or nuke the DB

# Adding pages through XML

```
<page-set>
  <page>
    <name>homepage</name>
    <title>Home Page</title>
    <access-permissions>Everyone</access-permissions>
    <edit-permission>*:/platform/administrators</edit-
permission>
    <portlet-application>
      <portlet>
        <application-ref>web</application-ref>
        <portlet-ref>HomePagePortlet</portlet-ref>
        <preferences>[...]</preferences>
      </portlet>
      <title>Home Page portlet</title>
      <access-permissions>Everyone</access-permissions>
      <show-info-bar>false</show-info-bar>
    </portlet-application>
  </page>
</page-set>
```

WEB-INF/conf/portal/portal/classic/pages.xml

# Adding pages through XML

```
<node-navigation>
  <priority>1</priority>
  <page-nodes>
    <node>
      <uri>home</uri>
      <name>home</name>
      <label>#{portal.classic.home}</label>
      <page-reference>portal::classic::homepage</page-reference>

    </node>
  </page-nodes>
</node-navigation>
```

WEB-INF/conf/portal/portal/classic/navigation.xml



# Security

# Security rules

- Pages (Viewing/Editing/Approving for WCM)
- Applications (Gadgets/Portlets)





# Skin (The visual aspect)

# Skins

- Based on CSS
- RTL support (through a request filter)
- Applied to a whole 'site', user can usually choose its own.
- Splitted into
  - Portal skin
  - Portlets skins
  - Windows skins

# Deployable

- 1 deployable Unit
  - WEB-INF/web.xml
  - WEB-INF/gatein-resources.xml
  - Some CSS files
  - Some images

# Skin descriptor

```
<gatein-resources>
  <portal-skin>
    <skin-name>SimpleSkin</skin-name>
    <css-path>/skin/Stylesheet.css</css-path>
  </portal-skin>
  <portlet-skin>
    <application-name>web</application-name>
    <portlet-name>HomePagePortlet</portlet-name>
    <skin-name>SimpleSkin</skin-name>
    <css-
path>/skin/webPortlet/webui/component/UIHomePagePortlet/Stylesheet.css</c
ss-path>
  </portlet-skin>
  <window-style>
    <style-name>Simple</style-name>
    <style-theme>
      <theme-name>SimpleBlue</theme-name>
    </style-theme>
  </window-style>
</gatein-resources>
```

WEB-INF/gatein-resources.xml



# Demo

## Skin deployment





# Identity

# Identity ?

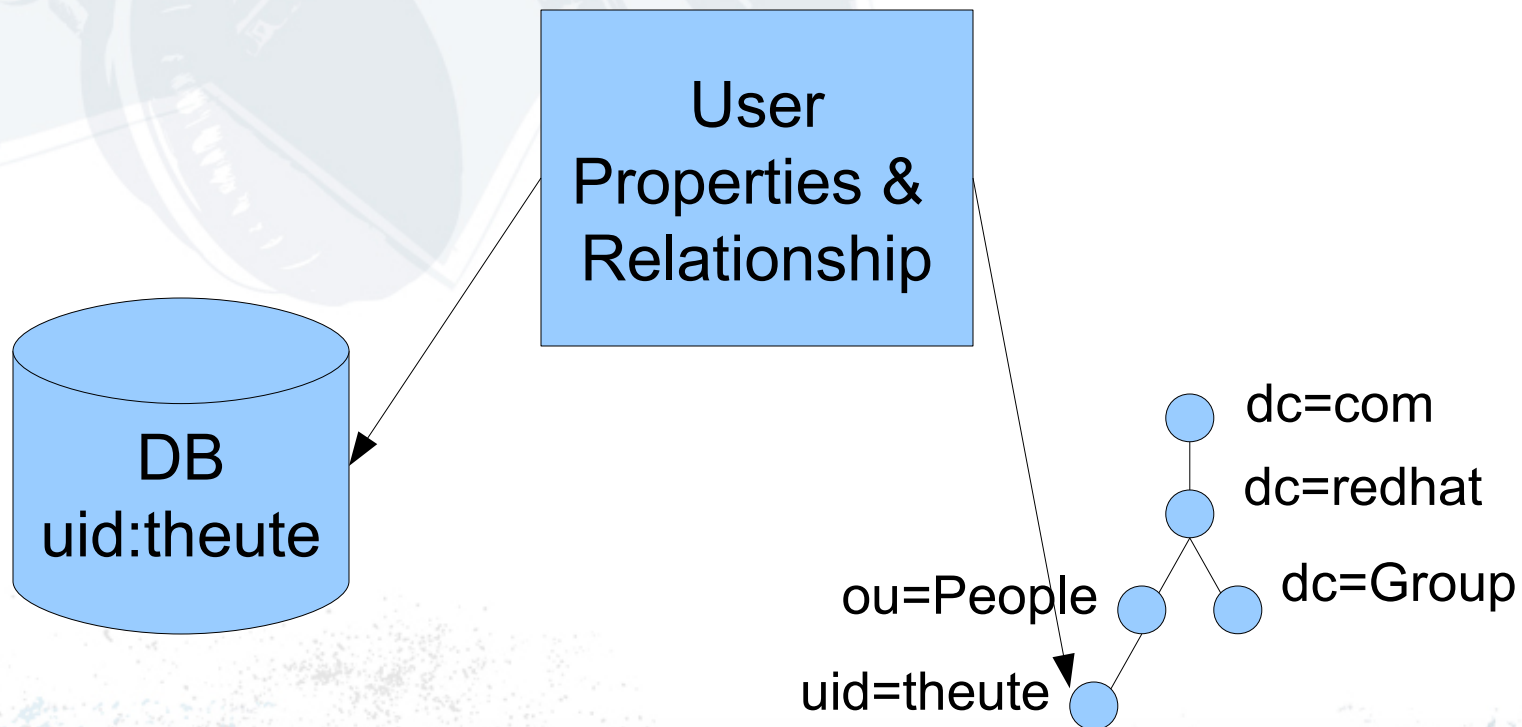
- Authentication
- User properties
- Maintains User<->membership type<->Group relationship
  - 'Julien' is 'manager' of 'salesmen'
  - 'Boleslaw' is 'member' of 'salesmen'
  - Membership type can give a notion of privileges within a group

# Identity server

- We don't know what you run
  - We support Red Hat Directory Server, Microsoft Active Directory, OpenDS most relational databases
  - We provide an SPI to implement your own adapter through JBoss PicketLink

# LDAP

- Can be mixed, portal preferences may have nothing to do in the LDAP server





# More customization



# Fully customized instances

- Overriding templates
- Different context path
- Different application registry
- Different groups
- ... (Demo)

*We're hiring !*

# Questions ?

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