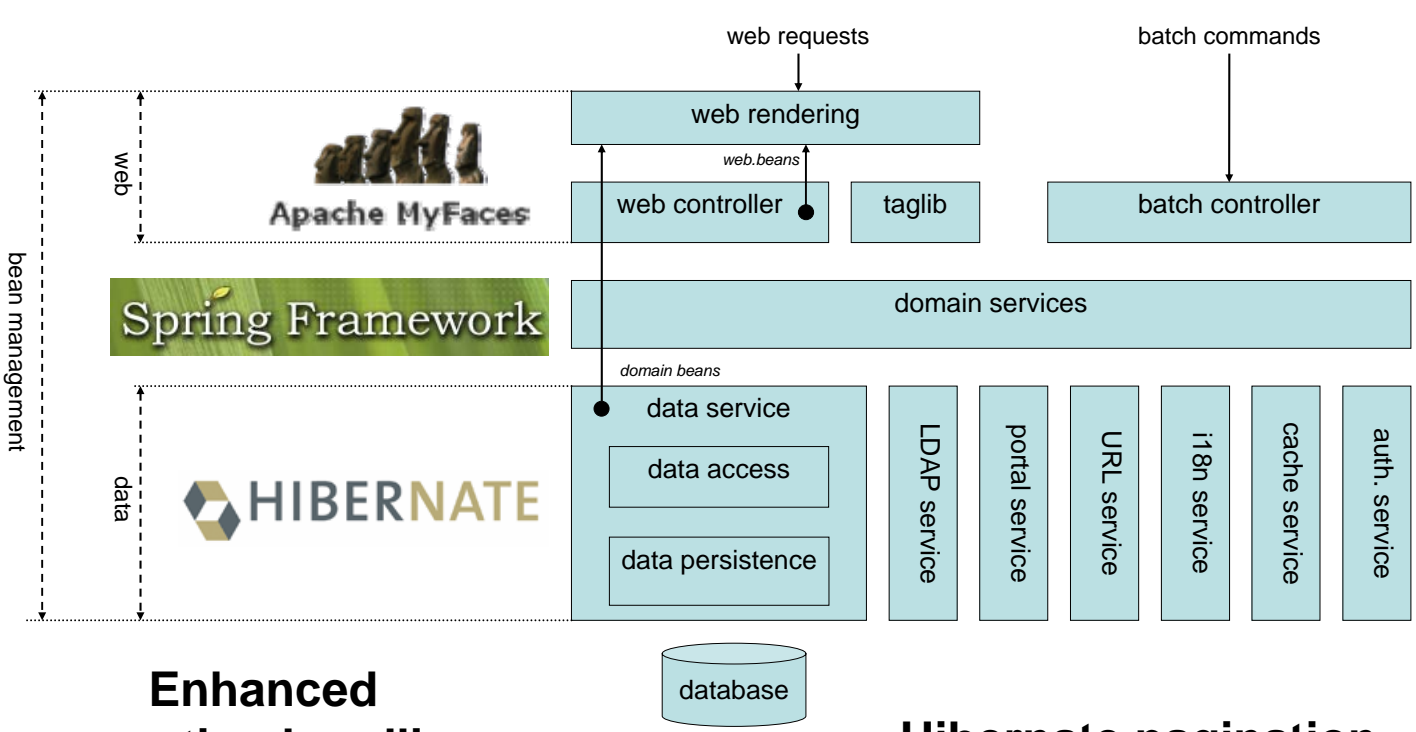


Utilities for the development of portlets and servlets



**Open-source
free software**

**URL generation
with deep linking parameters
Deep linking handling**

Version management
Insure that the versions of the database and the application are the same (important especially in clustered environments)

Enhanced exception handling
exception reports sent by email

Hibernate pagination

SMTP capabilities

Portlets and servlets

The MyFaces MVC allows the portlet and servlet installations to use the same code

Applications can be deployed as either servlets or portlets by simply setting properties

Advantages:

- a less complicated development environment (no portal)
- Stand-alone applications (quick-starts)

Native internationalization support

Based only on standards

Spring, JSF, Hibernate, Xalan/Xerces, Lucene, Axis, ...

Integration with the Information System

Single Sign-On (CAS)

LDAP user searches and attribute retrievals
uPortal groups and user attributes retrieval

A taglib to simplify JSF pages

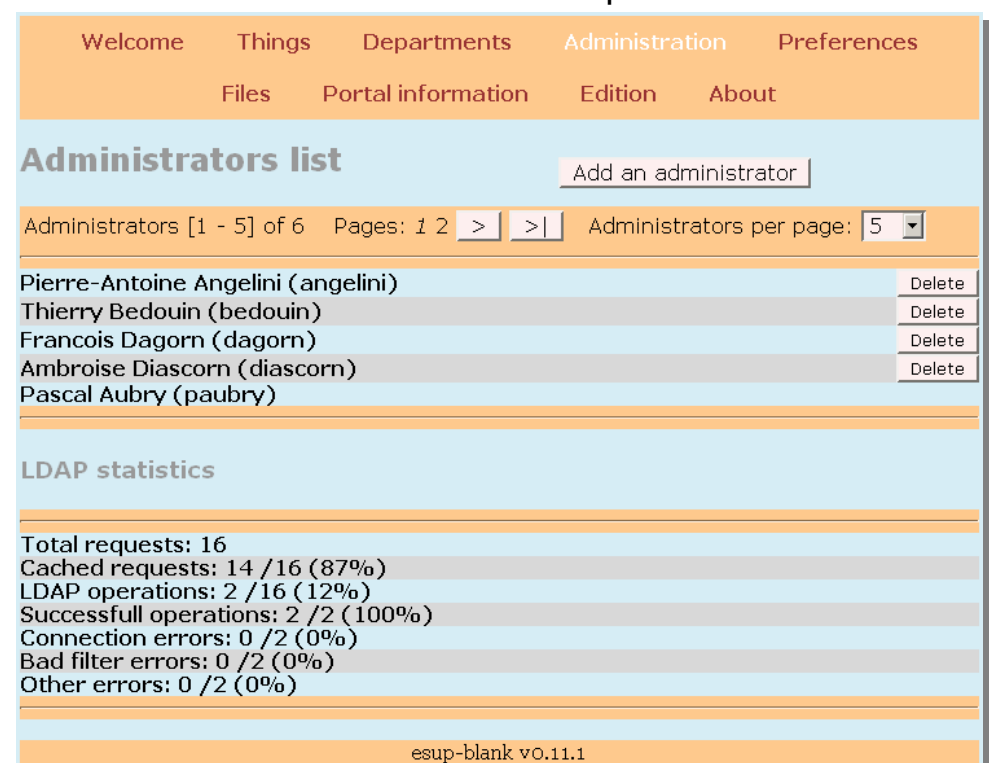
```
<%@ taglib
    uri="http://commons.esup-portail.org"
    prefix="e"%>
<e:page
    stringsVar="msg"
    menuItem="welcome"
    locale="#{bean.locale}"
    authorized="#{bean.allowed}">
    . . .
</e:page>
```

Spring beans are used to configure the tags dynamically.

<http://sourcesup.cru.fr/esup-commons>

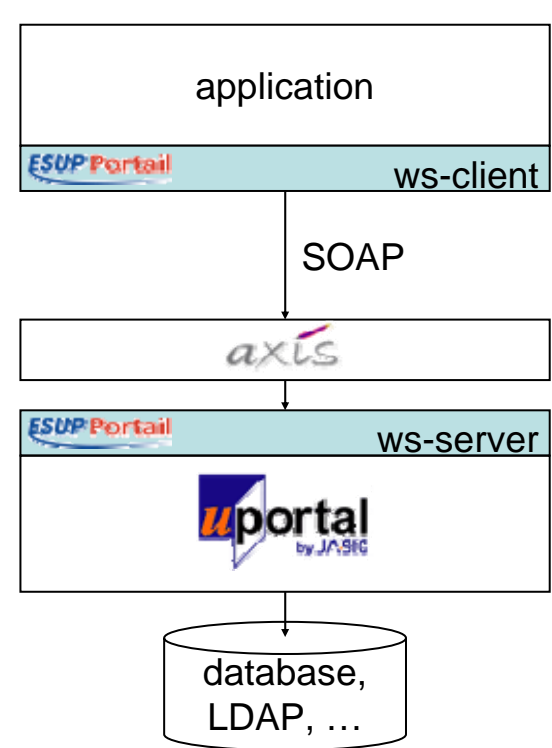
esup-blank

A blank application to illustrate how esup-commons is used



<http://sourcesup.cru.fr/esup-blank>

esup-portal-ws



A web service for interrogating uPortal about group and attribute information

<http://sourcesup.cru.fr/esup-portal-ws>

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