Utilities for the development of portlets and servlets

- Enhanced exception handling: exception reports sent by email
- Hibernate pagination
- 100% Open-source free software
- URL generation with deep linking parameters
- Deep linking handling
- Integration with the Information System
- Single Sign-On (CAS)
- LDAP user searches and attribute retrievals
- uPortal groups and user attributes retrieval
- Integration with the Information System
- Based on standards: Spring, JSF, Hibernate, Xalan/Xerces, Lucene, Axis, …

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)
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A taglib to simplify JSF pages

```jsp
<%@ 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.

A web service for interrogating uPortal about group and attribute information

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/
               xmlns:wsclient="http://ws.client.ws-server.ws-esup
domain"
               xmlns:ws-server="http://ws-server.ws-esup-domain">
    ...
</soap:Envelope>
```

A blank application to illustrate how esup-commons is used

```
Welcome  Things  Departments  Administration  Preferences  Files  Portal information  Edition  About

Administrators list

Administrators [1 - 5] of 6  Pages: 1 2 3 4 5 6  Administrators per page: 5 10

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LDAP statistics

Total requests: 16  Cache hits: 14/16 (87%)
LDAP operations: 2/16 (12%)
Successful operations: 2/2 (100%)
Connection errors: 0/2 (0%)
Bad filter errors: 0/2 (0%)
Other errors: 0/2 (0%)
```

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

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