

Formation ESUP Portail Cours 3

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Plan

- Prérequis
- Installation
- Architecture générale
- Authentification via BD
- Authentification via CAS
- Personnalisation
- Aggregated Layout
- Package ESUP Portail

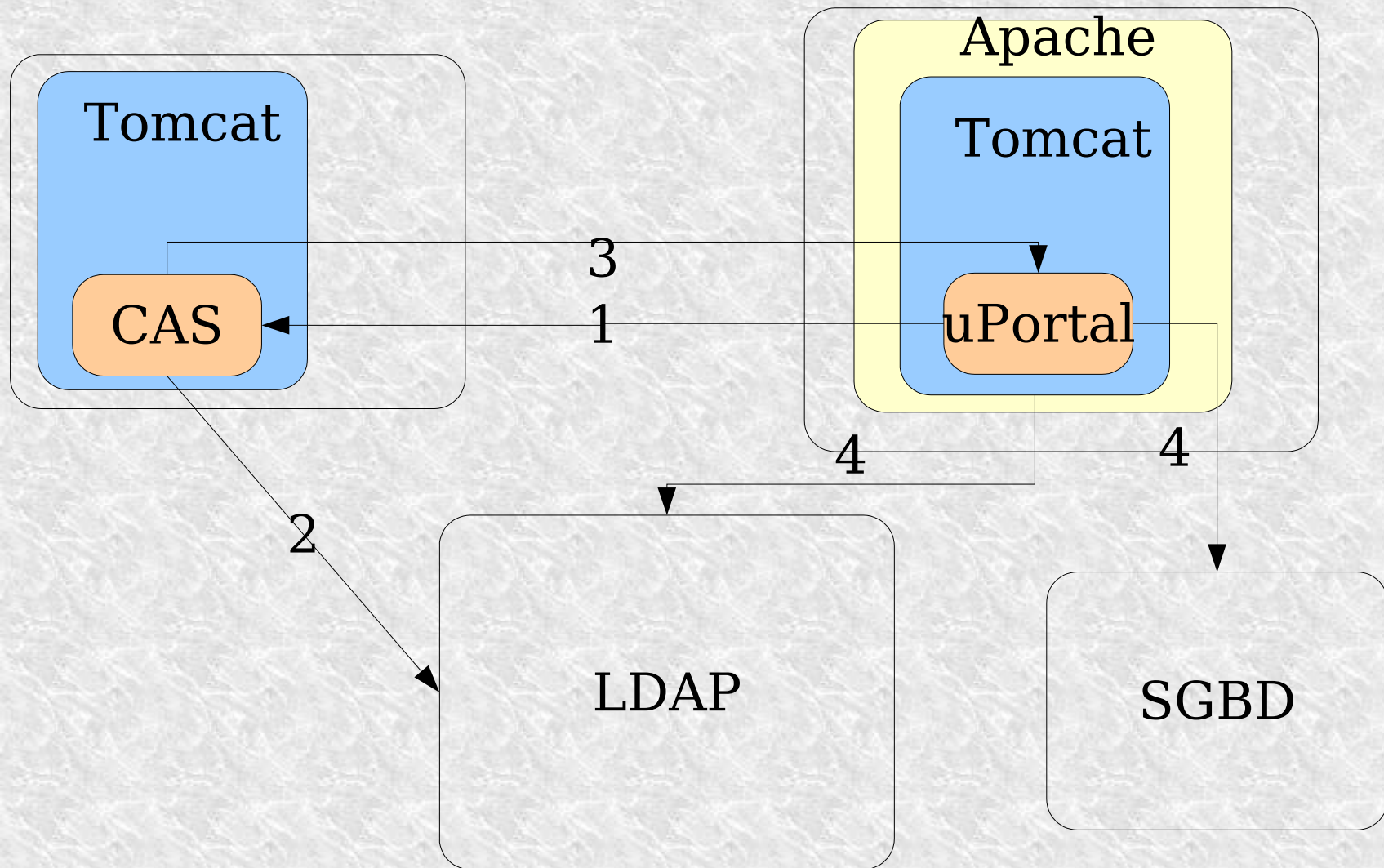
Prérequis

- Java
- XML/XSLT

Installation

- JDK
 - J2sdk1.4
- Tomcat
 - 5.0.19
- Ant
 - 1.5.3
- SGBD
 - Postgresql
 - Oracle
 - Mysql (supportant les transactions)
 - HSQL

Architecture générale



Authentication via la base de données

Uportal

- décompresser l'archive
- Mettre à jour les fichiers de configuration :
 - build.properties
 - properties/rdbm.properties

uPortal build.properties

===== File and Directory Names
=====

app.name=uPortal
app.version=2.3

lib.path=lib
server.home=C:/JavaClasses/uPortal-quickstart-2.3/jakarta-
tomcat-5.0.19
deploy.home=\${server.home}/webapps/uPortal

uPortal rdbm.properties

```
JdbcDriver=org.hsqldb.jdbcDriver  
jdbcUrl=jdbc:hsqldb:hsqldb://localhost:8887  
jdbcUser=sa  
jdbcPassword=
```

uPortal déploiement (1/3)

- Les principales directives ant
 - compile
 - db
 - dbtest
 - initportal
 - deploy
 - all
 - clean
 - pubchan
 - pushfragment

Uportal

Déploiement (2/3)

- ant compile
 - Copie les fichiers dans le répertoire build, et compile les classes
- ant deploy
 - Copie l'arborescence du répertoire build dans le webapps tomcat
- ant initportal
 - crée les tables dans la base de données et initialise les utilisateurs, canaux, langues...

Uportal

Déploiement (3/3)

- Configuration de Tomcat
 - Ajout du contexte dans server.xml
 - ★ Utilisation du fichier joint server.xml a recopier dans le server.xml de tomcat entre les balises host
 - Démarrer tomcat
- Test
 - <http://localhost:8080/uPortal>

uPortal Résultat

The screenshot displays the uPortal website interface. At the top left is the uportal logo by JA-SIG. Below it are navigation tabs for 'uPortal' and 'News'. A login bar contains the text 'Welcome Guest - Please Login' and fields for 'Name:', 'Password:', and a 'Login' button. The main content area is split into two columns. The left column, titled 'uPortal Home Page', features a sidebar with links: 'JA-SIG Home', 'About uPortal', 'FAQ', 'Download', 'Documentation', 'Getting Involved', 'Code Repository', 'Reporting Bugs', 'License', and 'Meetings'. The main text in this column describes uPortal as a free, sharable portal under development for higher-education, mentioning its use of Java, XML, and JS, and its collaborative development project with the JA-SIG member institutions. A 'NEWS' section lists three items: 'uPortal Summer Conference' (June 20-22, 2004, Denver, Colorado), 'uPortal 2.3.1 now available', and 'uPortal partners with Sakai, recipient of \$2.5 million Grant'. A funding note at the bottom left states 'Funded by a grant from The Andrew W. Mellon Foundation'. The right column, titled 'uPortal-Powered Sites', lists various university portals: myASUPortal (Arizona State University), MyAU (Athabasca University), CCIS Web Portal (Athabasca University - CCIS), My Cal Poly (California Polytechnic State University, San Luis Obispo), CTAP2 (California Technology Assistance Project), accessCU (Columbia University), uPortal.Cornell (Cornell University), myDENISON (Denison University), MY FC (Fullerton College), MyGannon (Gannon University), my Iowa State (Iowa State University), and iCampus (Illinois State University).

Uportal identification

admin/admin, student/student, staff/staff, demo/demo,
develo

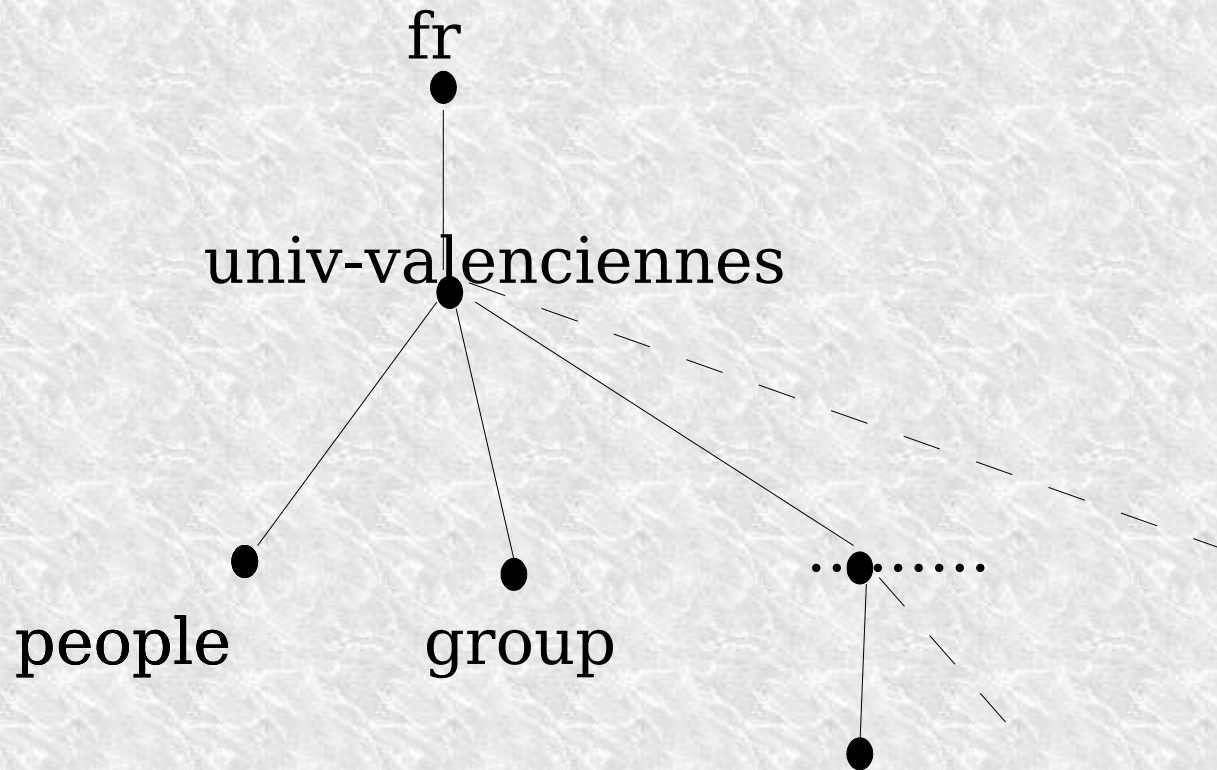
The screenshot displays the uPortal site map interface. At the top, the logo reads "portal by JASIG" and the user is logged in as "Welcome Admin User". The main content area is titled "Site map" and contains five tabs, each with two columns of links:

- Tab 1: CWebProxy Examples**
 - Column 1: Tomcat's NumGuess (two entries)
 - Column 2: Tomcat's Servlet Examples
- Tab 2: Developers**
 - Column 1: Session Locales Selector, Person Attributes, CSS Viewer
 - Column 2: Snooper, uPortal Development Books, uPortal Data Dictionary, uPortal Developers Reference
- Tab 3: News**
 - Column 1: Salon.com, Word of the Day
 - Column 2: The Motley Fool, UNICON News
- Tab 4: Admin Tools**
 - Column 1: Groups Manager
 - Column 2: Permissions Manager
- Tab 5: ICC Demo**
 - Column 1: ICC URL selector channel, ICC History channel
 - Column 2: ICC Viewer channel

Authentication via CAS

LDAP

Rappel architecture



Serveur CAS

- Décompresser l'archive
- Mettre à jour le build.properties

ATTENTION: La machine doit posséder un certificat

- Soit autosigné si le serveur CAS est sur la même machine
- Soit un certificat du CRU

Génération d'un certificat autosigné

- `keytool -genkey -alias tomcat -dname "CN=nommachine.univ-valenciennes.fr,OU=X,O=Y,L=Z,S=XY,C=YZ" -keyalg RSA -storepass yyyyyy -keystore nommachine.keystore`
- `keytool -export -alias tomcat -storepass yyyyyy -file nommachine.cert -keystore nommachine.keystore`
- `keytool -import -v -trustcacerts -alias tomcat -file nommachine.cert -keystore $JAVA_HOME/jre/lib/security/cacerts -keypass xxxxxx -storepass changeit`
- `keytool -list -keystore %JAVA_HOME%/jre/lib/security/cacerts -storepass changeit`

Serveur CAS

- Décompresser le .zip
- Compilez
 - Ant compile
- Copier le cas.war généré dans le webapps de tomcat.
- Redémarrer tomcat

Librairies clientes CAS pour uPortal

- Ajouter les classes clientes dans le répertoire sources d'uPortal
- Mettre à jour les fichiers de propriété
 - portal.properties
 - security.properties
 - web.xml
- Mettre à jour les feuilles des styles
 - Clogin
 - Cheader

Uportal Configuration

- portal.properties

- org.jasig.portal.security.provider.YaleCasContext.CasValidateUrl

Ex : `https://CAS_URL:CAS_PORT_SSL/cas/proxyValidate`

- org.jasig.portal.security.provider.YaleCasContext.CasProxyCallbackUrl

Ex :

`https://UPORTAL_URL:UPORTAL_PORT_SSL/uPortal/CasProxyServlet`

- org.jasig.portal.security.provider.YaleCasContext.PortalServiceUrl

Ex :

`http://UPORTAL_URL:UPORTAL_PORT/uPortal/Authentication`

Uportal Configuration

- security.properties
 - root =
org.jasig.portal.security.provider.UnionSecurityContextFactory
 - root.cas =
org.jasig.portal.security.provider.YaleCasContextFactory
 - root.simple =
org.jasig.portal.security.provider.CacheSecurityContextFactory
 - credentialToken.root.cas = ticket
 - logoutRedirect.root.cas =
https://UPORTAL_URL:UPORTAL_PORT_SSL/uPortal/logout?service=http://UPORTAL_URL:UPORTAL_PORT/uPortal

Uportal Configuration

- web.xml

```
<context-param>
```

```
<param-name>edu.yale.its.tp.cas.proxyUrl</param-name>
```

```
<param-value>https://CAS_URL:CAS_PORT_SSL/cas/proxy</param-  
value>
```

```
</context-param>
```

```
<servlet>
```

```
<servlet-name>CasProxyServlet</servlet-name>
```

```
<servlet-  
class>edu.yale.its.tp.cas.proxy.ProxyTicketReceptor</servlet-  
class>
```

```
<load-on-startup>4</load-on-startup>
```

```
</servlet>
```

```
<servlet-mapping>
```

```
<servlet-name>CasProxyServlet</servlet-name>
```

```
<url-pattern>/CasProxyServlet</url-pattern>
```

```
</servlet-mapping>
```

Uportal Configuration

- Clogin/yale_html.xsl

```
<a href=  
    "https://CAS_URL:CAS_PORT_SSL/cas/index.jsp?service=  
    http://UPORTAL_URL:UPORTAL_PORT/uPortal/Authentication"  
    > Login using Yale NetID</a>
```

- Cheader/html.xsl

```
<a href=  
    "https://CAS_URL:CAS_PORT_SSL/cas/logout?service=  
    http://UPORTAL_URL:UPORTAL_PORT/uPortal/Logout"  
    class="uportal-navigation-category"> Logout </a>
```


Déploiement d'uPortal

- Compilez et deployez uPortal
 - Ant deploy
- Redémarrer tomcat

Personnalisation du portail

Arborescence Webpages

- ▼ stylesheets
 - ▼ org
 - ▼ jasig
 - ▼ portal
 - ▼ channels
 - ▶ CHeader
 - ▶ CLogin
 - ▼ layout
 - ▼ AL_TabColumn
 - ▼ integratedModes
 - integratedModes_de_DE.xsl
 - integratedModes_en_US.xsl
 - integratedModes_ja_JP.xsl
 - integratedModes_lv_LV.xsl
 - integratedModes_sv_SE.xsl
 - integratedModes.sdf
 - integratedModes.xsl
 - integratedModes.xsl.de_DE.dict
 - integratedModes.xsl.en_US.dict
 - integratedModes.xsl.it_IT.dict
 - integratedModes.xsl.ja_JP.dict
 - integratedModes.xsl.sv_SE.dict
 - AL_TabColumn.sdf
 - AL_TabColumn.xsl

- ▼ media
 - ▼ org
 - ▼ jasig
 - ▼ portal
 - ▼ channels
 - ▶ CLogin
 - ▼ layout
 - ▼ AL_TabColumn
 - ▼ integratedModes
 - ▼ uvhc1
 - ▶ columnBorder
 - ▶ icons
 - ▶ institutional
 - ▶ mainBorder
 - ▶ skin
 - sample_full.gif
 - sample_icon.gif
 - skinList.xml

Feuille de style principale

- integratedModes_de_DE.xsl
- integratedModes_en_US.xsl
- integratedModes_ja_JP.xsl
- integratedModes_lv_LV.xsl
- integratedModes_sv_SE.xsl
- integratedModes_fr_FR.xsl

Détail

★Génération de la page (head + body)

- layout
- layout_fragment

★Les différentes sous partie de la page

- header
- login
- navigation (inactiveTab, focusedTab, selectedTab)
- content (column,channel)
- actions
- footer

Layout

The screenshot displays the uPortal website layout. At the top left is the uPortal logo with the text "by JASIG". Below it are "uPortal" and "News" tabs. A navigation bar contains "Welcome Guest - Please Login". A login form includes fields for "Name:" and "Password:" with a "Login" button. The main content area is divided into two columns. The left column, titled "uPortal Home Page", features a sub-header "Evolving portal implementations from participating universities & partners" and a list of links: JA-SIG Home, About uPortal, FAQ, Download, Documentation, Getting Involved, Code Repository, Reporting Bugs, License, and Meetings. Below this is a "NEWS" section with three items: "uPortal Summer Conference" (June 20-22, 2004), "Combating Stovepipes: Implementing Workflow in u" (by Mark Askren and Marina Arseniev), and "uPortal 2.3.1 now available". A funding note from the Andrew W. Mellon Foundation is also present. The right column, titled "uPortal-Powered Sites", lists various university portals such as myASUPortal, MyAU, CCIS Web Portal, My Cal Poly, CTAP2, accessCU, uPortal.Cornell, myDENISON, MY FC, MyGannon, my Iowa State, and iCampus. Each item includes the institution's name and a small uPortal logo.

Layout

```
<xsl:template match="layout">
  <html>
    <head>
      <title>uPortal 2.3</title>
      <link type="text/css" rel="stylesheet" href="{ $mediaPath }/{ $skin }/skin/{ $skin }.css"/>
      <link type="text/css" rel="stylesheet" href="{ $mediaPath }/{ $skin }/skin/{ $skin }_port.
      <xsl:call-template name="scripts"/>
    </head>
    <body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0">
      <xsl:apply-templates/>
    </body>
  </html>
</xsl:template>
```

Layout_fragment

The screenshot displays the uPortal website layout within a browser window. The browser's address bar shows the URL: `http://podorane.univ-valenciennes.fr:8080/uPortal23/tag.idempotent.render.11-3.uP.uP?`. The page title is "uPortal Home Page".

The layout includes a navigation menu on the left side with the following items: "uPortal", "News", "Welcome Guest - Please Log In", "Name:", "uPortal Home Page", "uPortal Home Page" (with a blue arrow pointing to it), "uportal by JA-SIG", "JA-SIG Home", "About uPortal", "FAQ", "Download", "Documentation", "Getting Involved", "Code Repository", "Reporting Bugs", "License", and "Meetings".

The main content area features the uPortal logo and the text: "Evolving portal implementations from participating universities & partners". Below this, there is a sidebar with links: "JA-SIG Home", "About uPortal", "FAQ", "Download", "Documentation", "Getting Involved", "Code Repository", "Reporting Bugs", "License", and "Meetings".

The main content area also includes a section titled "uPortal in Production" with a list of participating institutions: Alexandria Technical College, Appalachian State University, Arizona Department of Education, Arizona State University, Athabasca University, Auckland University of Technology, California Polytechnic State University (tour), California Department of Education, Cedarville University, Columbia University, Cornell University, Dalhousie University, DeMonford University, Deakin University, Denison University, Duke University, Edmonton Public School Board, El Camino Community College, Fullerton College, Hanoi Information Portal, Ho Chi Minh City IT Project Office, and iAssessment.

At the bottom of the page, there is a footer with the text: "Funded by a grant from The Andrew W. Mellon Foundation" and "uPortal 2.3.1 now available.".

Layout_fragment

```
<xsl:template match="layout_fragment">
  <html>
    <head>
      <title>
        <xsl:value-of select="content/channel/@name"/>
      </title>
      ...
    </head>
    <body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0"
class="uportal-background-content">
  ...
    <xsl:for-each select="content//channel">
      <xsl:apply-templates select=".">
        <xsl:with-param name="detachedContent" select="'true'"/>
      </xsl:apply-templates>
    </xsl:for-each>
  ...
  </body>
</html>
</xsl:template>
```

Header

En tête invité



En tête authentifié



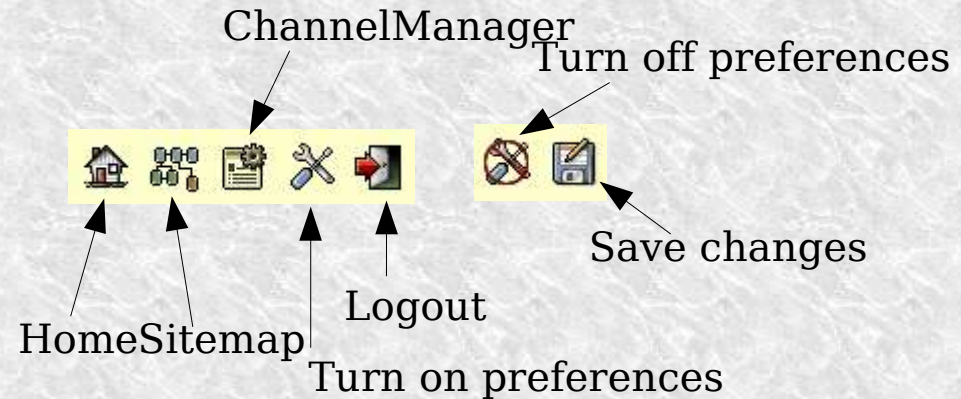
Welcome Unrecognized person:
admin

Header

<xsl:template match="header">

- Mainlogo
- Si authentifié : not(/layout/login)
 - ➔ Home
 - ➔ Sitemap
 - ➔ Si authorizedChannelPublisher='true'
 - ★ Channel Manager
 - ➔ Si menu préférence non activé
 - ★ Turn on Preferences
 - ➔ Sinon
 - ★ Turn off Preferences
 - ★ Save Changes
 - ➔ Logout

</xsl:template>



login



Welcome Guest - Please Login

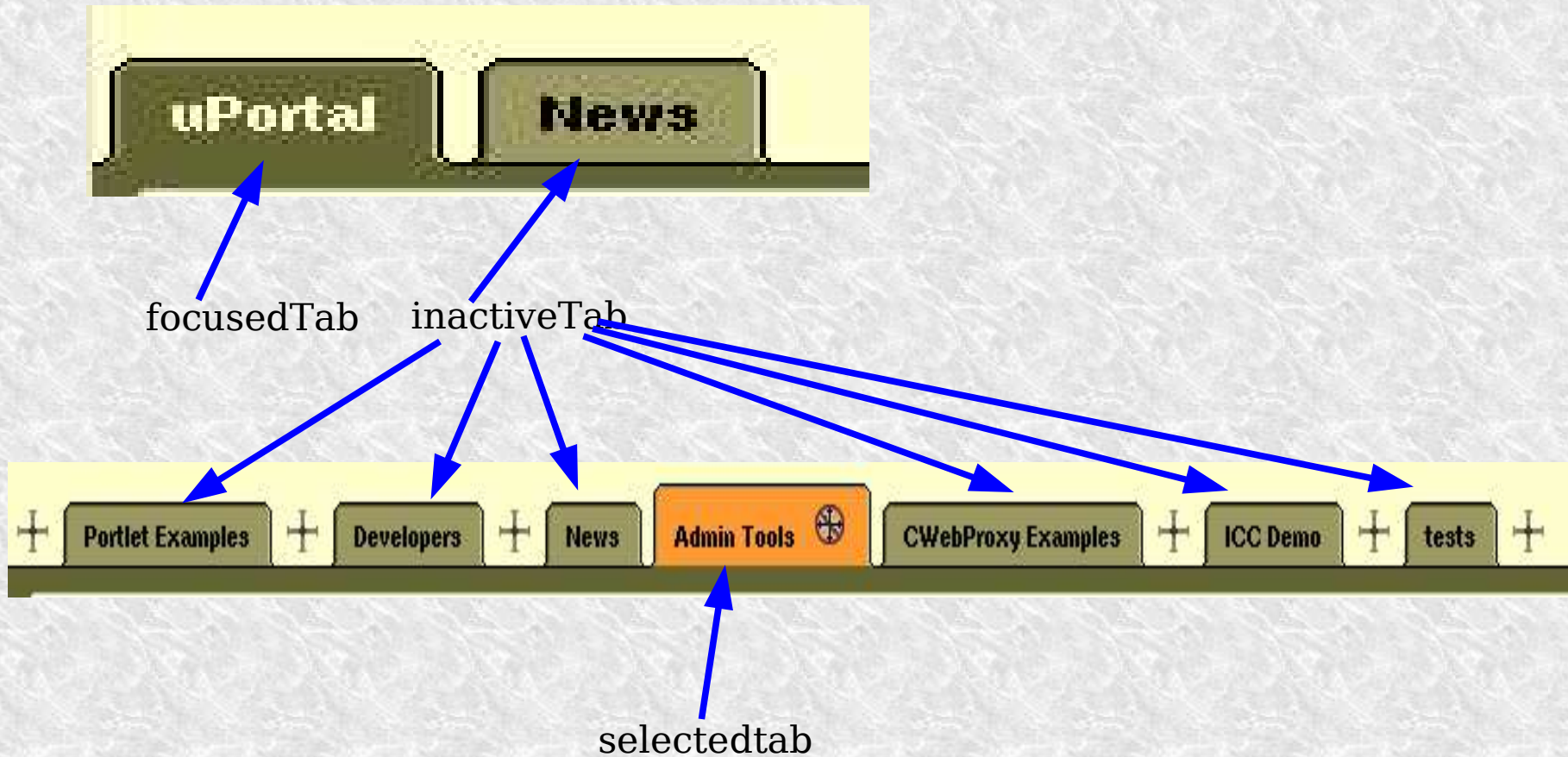
Name: Password:

```
<xsl:template match="login">
...
<xsl:copy-of select="channel"/>
...
</xsl:template>
```

Pour modifier le login, par exemple le mettre sous forme d'image dans l'en tête du portail, 2 solutions :

- 1^{ère} solution
 - ★ modifier AL_Tabcolumn.xml (voir Annexe pour l'exemple)
 - ★ modifier html.xsl dans Clogin
 - ★ ajouter dans le header de la feuille de style principale:
 - ➔ `<xsl:copy-of select="/layout/login"/>`
 - ★ mettre en commentaire tout ce qui se trouve dans le template login, pour qu'il ne soit plus considéré comme un canal.
- 2^{ème} solution
 - ★ Utiliser la méthode décrite dans la feuille de style fr_FR

Navigation



Navigation

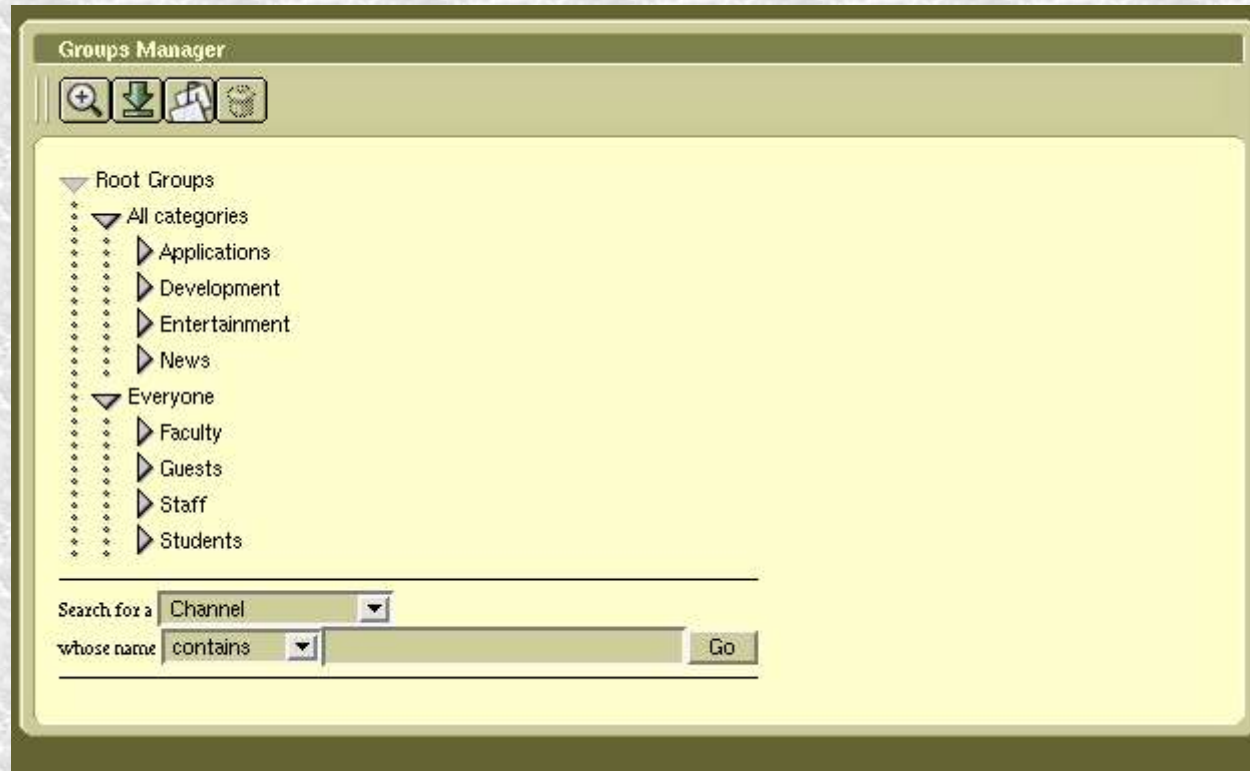
```
<xsl:template match="navigation">
```

- ```
<xsl:with-param name="type" select="'tab'"/>
```

```
</xsl:template>
```

- ```
<xsl:template match="inactiveTab">
```
- ```
<xsl:template match="focusedTab">
```
- ```
<xsl:template match="selectedTab">
```

Content



Content

<xsl:template match="content">

- Appel à <xsl:template match="column">
 - Calcule le nombre de colonne, leur taille (le tout doit faire 100%)
 - idem pour le mode préférences, lorsqu'on ajoute, retire ou bouge une colonne
- ★ Appel à <xsl:template match="channel">
 - met en forme le canal, avec le titre et le contenu
 - ♦ Appel à <xsl:template name="channelRestrictions">
 - Affiche les icônes focused, detached, ...
 - gère les restrictions lorsqu'on est en mode préférence (interdiction d'enlever le canal, de le bouger....)

Actions

User Preferences Actions

Turn Preferences Off | New Tab | New Column | Add Content | Skins | Languages | **Fragments**

Fragment Manager

Create new fragment

Fragments

Fragment Managment: New Fragment information

Select a fragment option on the left to begin working

Choose the fragment type:

- Pulled fragment
- Pushed fragment

Fragment display name:

Fragment functional name:

Fragment description:

Add a content container to the new fragment root (recommended)

Submit properties

Actions

<xsl:template match="actions">

- Met en forme la barre des préférences
- Vérifie les autorisations
 - ★ par exemple pour la création de fragments, seul les personnes autorisées ont accès au lien
- Vérifie si on a le droit d'ajouter une colonne dans un onglet, un canal...
- Gère la création de fragments si on a le droit d'en ajouter

Footer

- Vide par défaut :

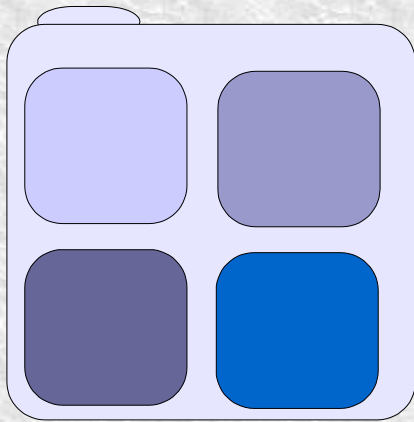
```
<xsl:template match="footer"/>
```

- Par exemple pour ajouter le logo esup Portail en bas à droite :

```
<xsl:template match="footer">  
  <table width="100%" cellpadding="0" cellspacing="0">  
    <tr>  
      <td align="right" width="100%">  
          
      </td>  
    </tr>  
  </table>  
</xsl:template>
```

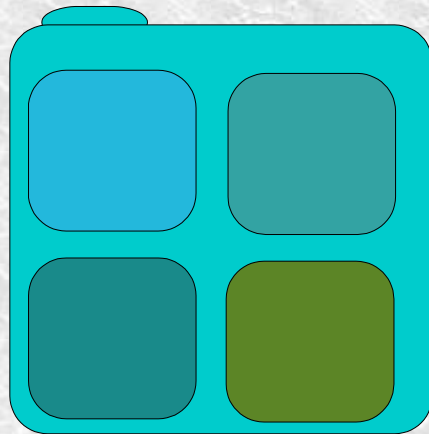
Aggregated Layout

Principe



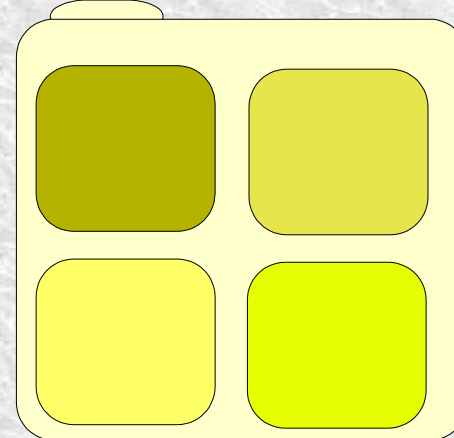
Université

- Actualités
- Plan d'accès
- Aide générale
- Aide sur le portail



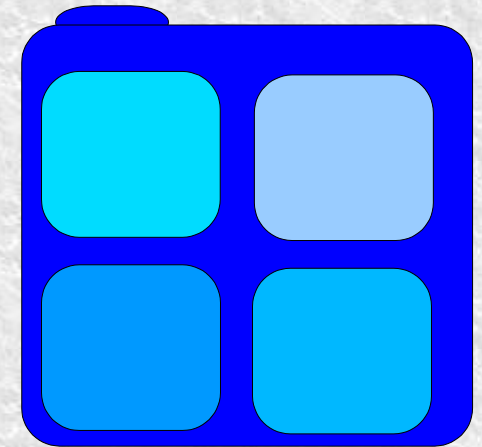
Filiaire informatique

- Les différents cycles possibles
- Les différentes corpos
- Les offres de stages
- Les heures d'ouvertures des salles en accès libres



Licence d'informatique

- L'emploi du temps
- Les notes
- Les reports de cours
- Les sujets de TD/TP

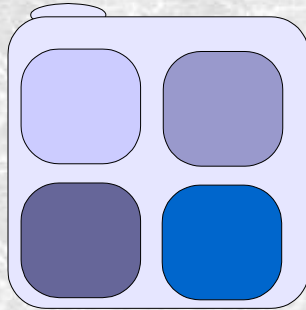


Maitrise d'informatique

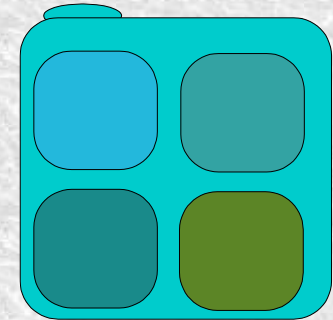
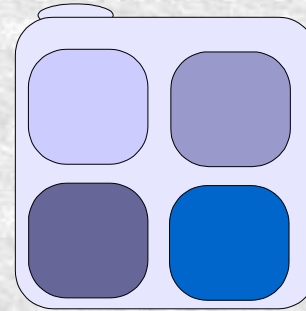
- L'emploi du temps
- Les notes
- Les reports de cours
- Les sujets de TD/TP

Principe

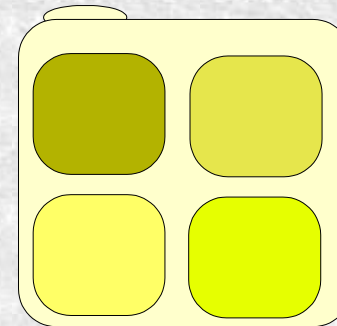
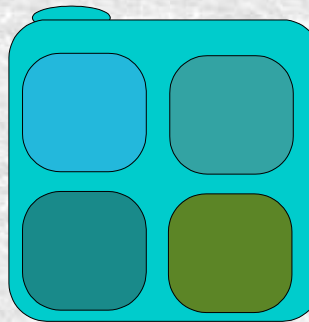
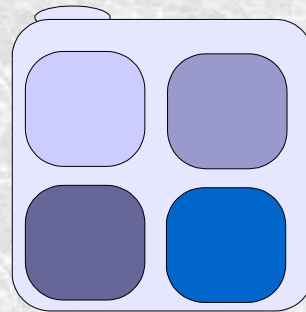
Page
d'accueil



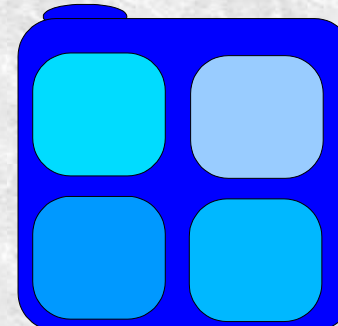
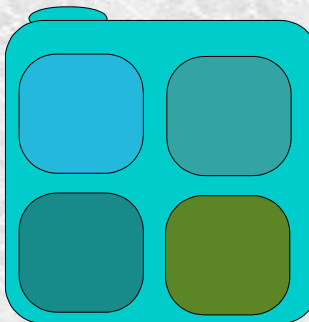
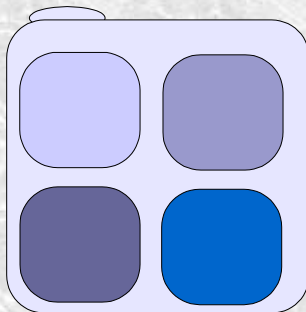
Etudiants en
d'informatiq
ue



Etudiants en
licence
d'informatiq
ue



Etudiants en
maitrise
d'informatiq
ue



Procédure

- 2 solutions
 - ★ pushfragment.xml
 - obligatoire pour la page d'accueil
 - ★ préférence/fragment

1^{ère} solution

Pushfragment.xml(1/2)

- uPortal/properties/al/pushfragment.xml
 - ★ Nom du fragment :
 - ➔ `<fragment name="uPortal">`
 - ★ Groupe qui verra ce fragment :
 - ➔ `<group>Guests</group>`
 - ★ Les restrictions :
 - ➔ `<restriction path="local" name="priority" value="19999-20000"/>`
 - ➔ `<restriction path="local" name="depth" value="1"/>`

1^{ère} solution

Pushfragment.xml(2/2)

- ★ Nom de l'onglet

- `<folder name="uPortal" immutable="Y" unremovable="Y" hidden="N">`

- Définition des colonnes

- `<folder name="column1" immutable="Y" unremovable="Y" hidden="N">`

- des canaux qu'elles contiennent

- ◆ `<channel fname="uportal-home-page" immutable="Y" unremovable="Y" hidden="N"/>`

- Publication des nouveaux fragments

- ★ `ant pushfragment -DfragmentFile=/properties/al/pushfragments.xml`

1^{ère} solution

Exemple

```
<fragment name="uPortal">
<description>uPortal channels</description>
<groups>
  <group>Guests</group>
</groups>
<restrictions>
  <restriction path="local" name="priority" value="19999-20000"/>
  <restriction path="local" name="depth" value="1"/>
</restrictions>
<folder name=" " immutable="Y" unremovable="Y" hidden="N">
  <folder name="column1" immutable="Y" unremovable="Y" hidden="N">
    <channel frame=" " immutable="Y"
unremovable="Y" hidden="N"/>
  </folder>
  <folder name="column2" immutable="Y" unremovable="Y" hidden="N">
    <channel frame=" " immutable="Y"
unremovable="Y" hidden="N"/>
  </folder>
</folder>
</fragment>
```

On remplace uPortal par Accueil

Accueil

uportal-
powered-sites

uportal-home-
page

On inverse les deux canaux

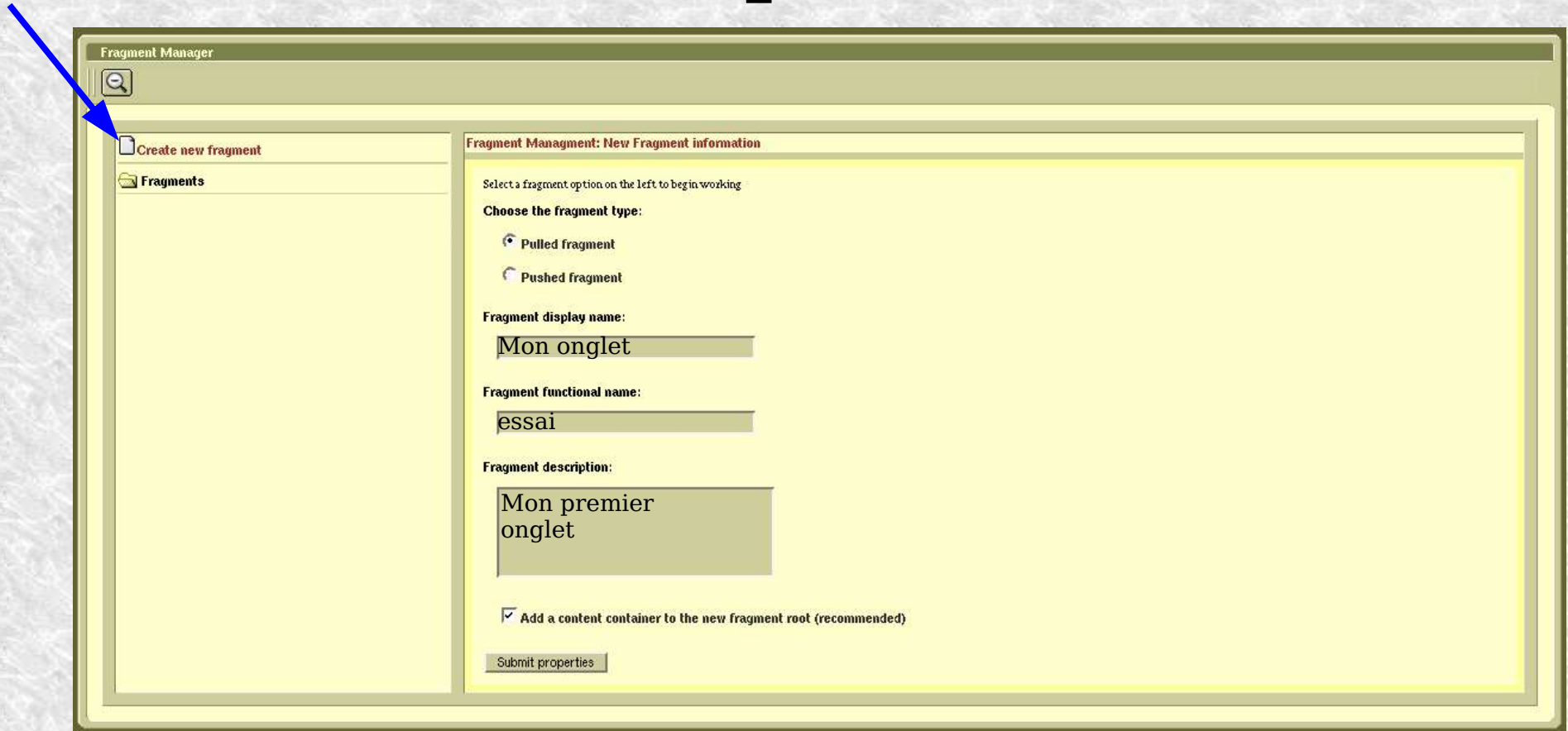
```
ant pushfragment -DfragmentFile=/
properties/al/pushfragments.xml
```

2^{ème} Solution

The screenshot shows a web browser window titled "Fragment Manager". On the left, there is a sidebar with a search icon and two menu items: "Create new fragment" and "Fragments". The main content area is titled "Fragment Management: New Fragment information" and contains the following form fields:

- Select a fragment option on the left to begin working**
- Choose the fragment type:**
 - Pulled fragment** Permet aux personnes du groupe selectionné d'avoir accès à ce fragment
 - Pushed fragment** Les personnes du groupe selectionné auront ce fragment par défaut
- Fragment display name:** Nom de l'onglet (folder name="...")
- Fragment functional name:** Nom fonctionnel de l'onglet (fragment name="...")
- Fragment description:** Description de l'onglet (<description>...</description>)
- Add a content container to the new fragment root (recommended)**
-

2^{ème} Solution Exemple(1/4)



Fragment Manager

Search icon

Create new fragment

Fragments

Fragment Management: New Fragment information

Select a fragment option on the left to begin working :

Choose the fragment type:

- Pulled fragment
- Pushed fragment

Fragment display name:
Mon onglet

Fragment functional name:
essai

Fragment description:
Mon premier onglet

Add a content container to the new fragment root (recommended)

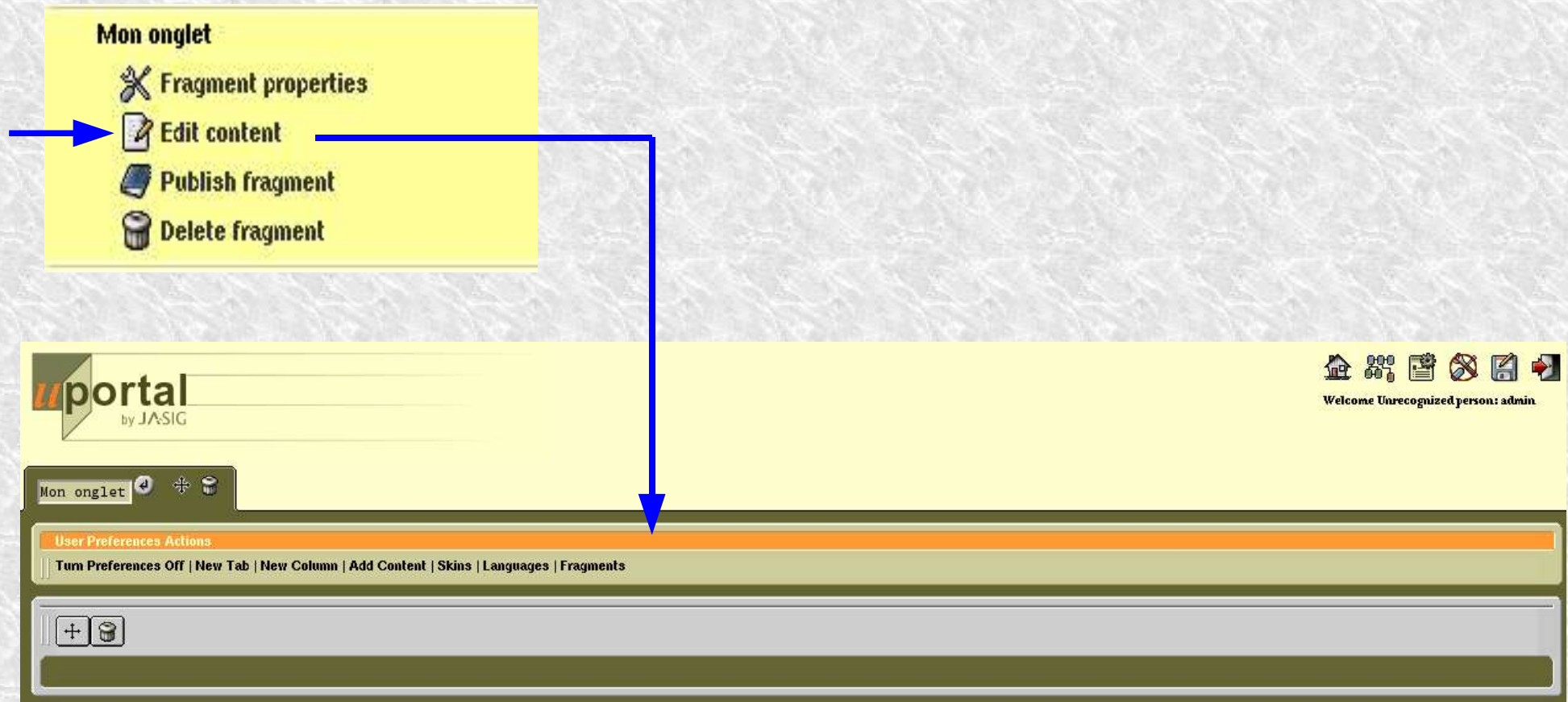
Submit properties

2^{ème} Solution

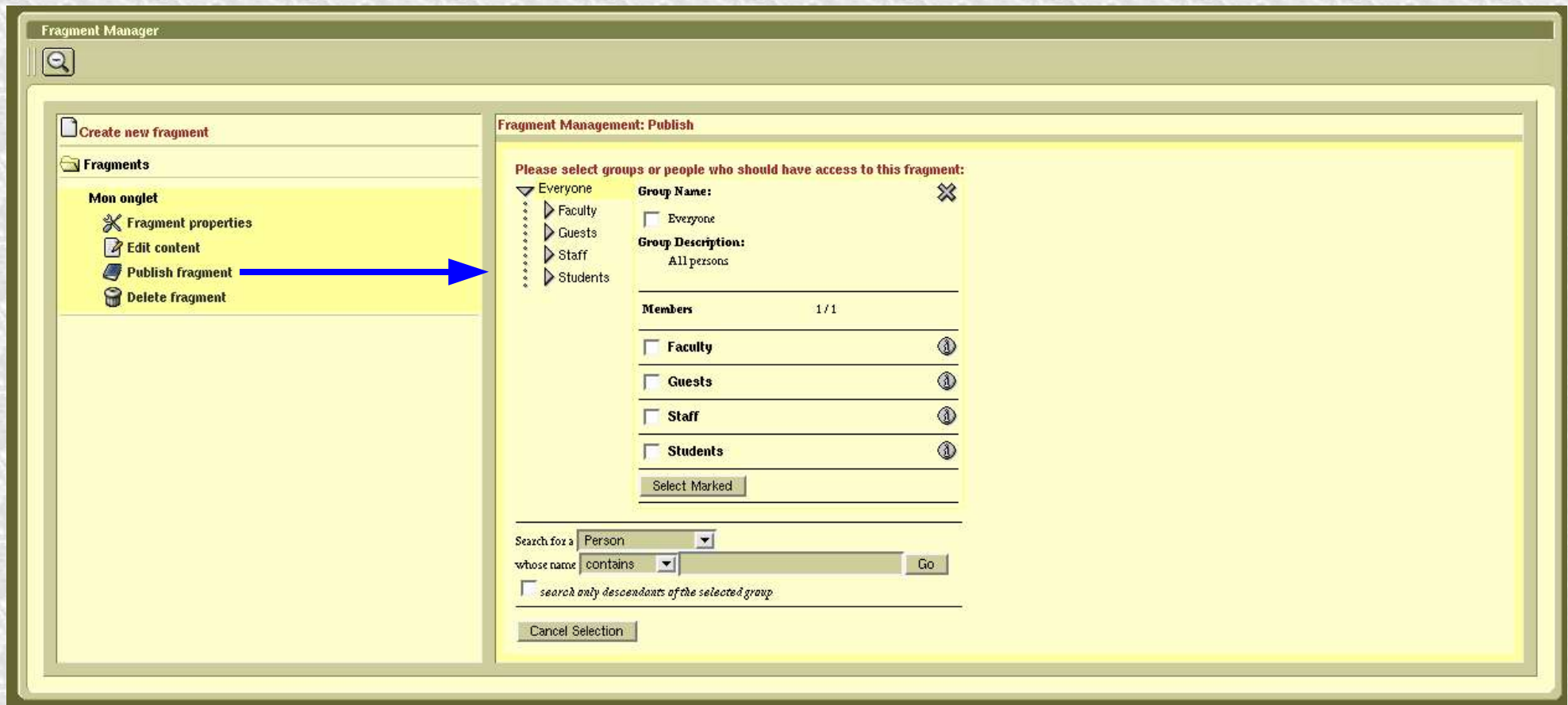
Exemple(2/4)



2^{ème} Solution Exemple(3/4)



2^{ème} Solution Exemple(4/4)



Package ESUP Portail

Package(1/2)

- esupdev-2.3-DATE_DE_PARUTION
- Package de mise à jour : mod-esupdev-DATE_DE_PARUTION
- Arborescence
 - ClearEsup
 - Perso
 - UpdateEsup
 - Quickstart uPortal
 - ★ Sources uPortal
 - ★ Tomcat
 - ★ Ant
 - ★ HSQL

Package(2/2)

- Fichiers de configuration
 - ant.sh (ant.bat)
 - env.sh (env.cmd)
 - esupdev-2.3.properties
 - perso.properties
- Fichiers importants
 - CHANGELOG.txt
 - ★ Modifications dans les fichiers de configurations précédées de *****

Exemple de configuration ant.bat

```
@echo off
```

```
call C:\JAVA_CLASSES\esupdev-2.3\env.cmd
```

```
%ANT_HOME%/bin/ant.bat %1 %2 %3 %4 %5 %6  
%7 %8 %9
```

Exemple de configuration env.cmd

```
SET JAVA_HOME=C:\JAVA_CLASSES\j2sdk1.4.2_04  
SET ESUPDEV=C:\JAVA_CLASSES\esupdev-2.3  
SET ANT_HOME=%ESUPDEV%\uPortal_2-3-1-quick-start\Ant_1-5-3
```

```
SET CATALINA_HOME=%ESUPDEV%\uPortal_2-3-1-quick-  
start\Tomcat_5-0-18  
SET CATALINA_BASE=%CATALINA_HOME%  
SET PORTAL_LOG=%ESUPDEV%\portal.log  
SET TRUST_CERT=C:\esup.keystore
```

Exemple de configuration esupdev-2.3.properties(1/4)

```
java_home=C:/JAVA_CLASSES/j2sdk1.4.2_04  
esupdev.root=C:/JAVA_CLASSES/esupdev-2.3
```

```
server.port.shutdown=8005  
server.port.http=8080  
server.port.jk2=8009
```

```
esup.host.http=http://127.0.0.1:8080  
esup.host.https=https://127.0.0.1:8443
```

```
esup.uri=/uPortal
```

Exemple de configuration esupdev-2.3.properties(2/4)

```
esup.ldap.auth=false
esup.ldap.ssl=false
esup.ldap.use=false
esup.ldap.host=ldap.univ-valenciennes.fr
esup.ldap.port=389
esup.ldap.baseDN=ou=people,dc=univ-
valenciennes,dc=fr
esup.ldap.bindDN=
esup.ldap.bindPasswd=
esup.ldap.groups.use=false
esup.ldap.groups.etu.formation=etud-formation
```

Exemple de configuration esupdev-2.3.properties(3/4)

```
esup.CAS.auth=true  
esup.CAS.proxy=  
esup.CAS.server.host=localhost:8443  
esup.CAS.server.uri=/cas  
esupdev.keystore=C:/esup.keystore
```

Exemple de configuration esupdev-2.3.properties(4/4)

```
esup.db.username=sa  
esup.db.password=  
esup.db.url=jdbc:hsqldb:hsqldb://localhost:8887  
esup.db.jndi=true  
esup.db.jdbcDriverJar=hsqldb.jar  
esup.db.className=org.hsqldb.jdbcDriver
```


Compiler et deployer

- ant.bat esup.init
- ant.bat hsql.start
- ant.bat esup.db.init
- ant.bat uportal.deploy
- start-esup.cmd
- stop-esup.cmd

Annexe

AL_Tabcolumn.xsl

```
<xsl:template match="folder" mode="rootFolder">
  <header/>
  <!--      <xsl:apply-templates select="folder[@type='header']"/>
</header-->
  <!--
Ajout du login dans l'en tête
-->
  <xsl:choose>
    <xsl:when test="/layout/folder//channel[@name='Login']">
      <login>
        <br/><xsl:copy-of select="/layout/folder//channel[@name='Login']"/>
      </login>
    </xsl:when>
  </xsl:choose>
  <xsl:choose>
  <!--
fin ajout du login dans l'en tête
-->
    <!--Conditionally present content depending on whether it is focused or not-->
    <xsl:when test="$userLayoutRoot = 'root'">
      <navigation>
        <xsl:apply-templates select="folder[@type='regular' and @hidden='false']|move_target|add_target"/>
      </navigation>
    </xsl:choose>
  <!--
Retrait du login dans les onglets
    <xsl:when test="/layout/folder//channel[@name='Login']">
      <login>
        <xsl:copy-of select="/layout/folder//channel[@name='Login']"/>
      </login>
    </xsl:when>
  Fin de retrait du login dans les onglets
  -->
```