

Installer uP4 rapidement

Récupération GIT

Pour linux

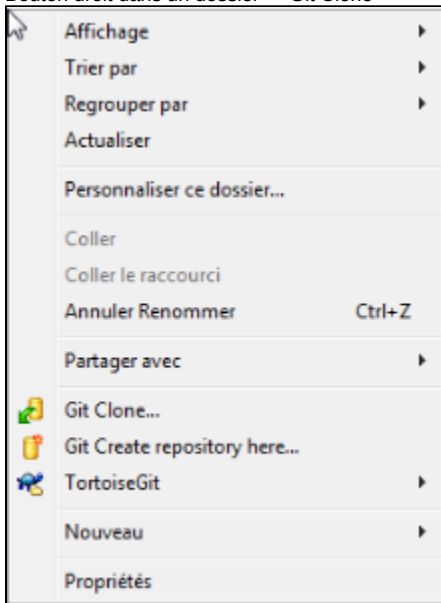
installer le client GIT selon la plateforme puis

```
git clone https://github.com/Jasig/uPortal.git
cd uPortal/
git checkout uportal-4.0.3
```

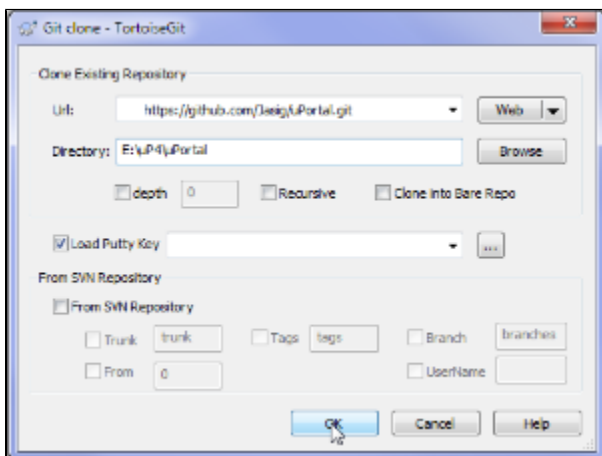
Pour windows

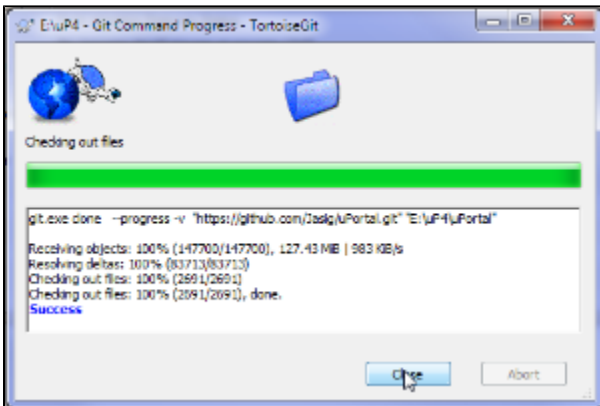
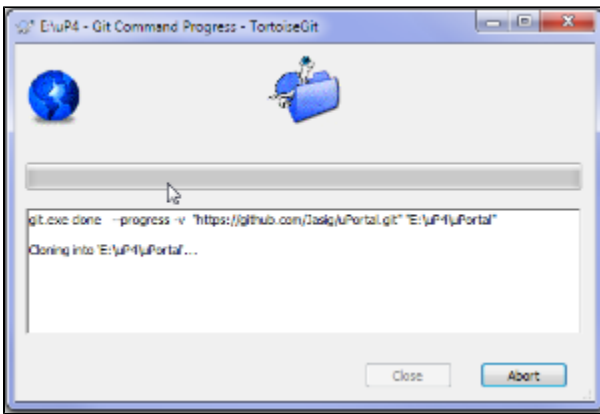
Installer "msysgit" <http://code.google.com/p/msysgit/> et "tortoisegit" pour avoir une interface graphique <http://code.google.com/p/tortoisegit/>

Bouton droit dans un dossier > "Git Clone"

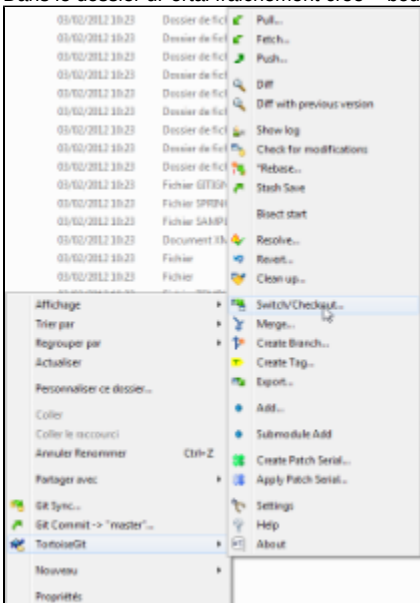


Url :<https://github.com/Jasig/uPortal.git>



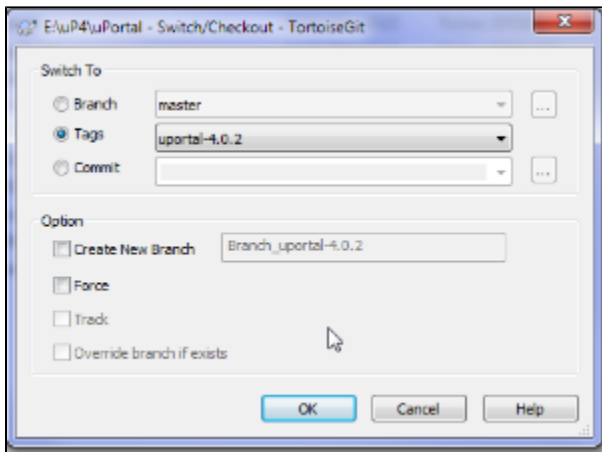


Dans le dossier uPortal fraîchement créé > bouton droit > "tortoiseGIT" > "Switch/Checkout"



Cocher Tags > choisir le TAG "uportal-4.0.3"

déchocher "Create New Branch"



Configurations

Properties

/build.properties

copier le build.sample.properties vers build.properties
Adapter uniquement le server.home avec le chemin du tomcat

```
server.home=E:/esup4/apache-tomcat-6.0.35
```

/filters/local.properties

```
environment.build.hspl.port=

## Database Connection Settings (Uncomment the Maven Filters section in rdbm.properties)
environment.build.hibernate.connection.driver_class=com.mysql.jdbc.Driver
environment.build.hibernate.connection.url=jdbc:mysql://mysql.univ.fr:3306/uPortal4
environment.build.hibernate.connection.username=uportal4
environment.build.hibernate.connection.password=PASSWORD_UP4
environment.build.hibernate.dialect=org.hibernate.dialect.MySQLInnoDBDialect

# uPortal server configuration properties
environment.build.uportal.server=up4.univ.fr
environment.build.uportal.protocol=https
environment.build.uportal.context=/uPortal
environment.build.uportal.email.fromAddress=portal4@univ.fr

# CAS server configuration properties
environment.build.cas.server=cas.univ.fr
environment.build.cas.protocol=https
environment.build.cas.context=
```

Mysql

/pom.xml (drivers mysql) (cf. <https://wiki.jasig.org/display/UPM40/MySQL>)

```

diff --git a/pom.xml b/pom.xml
index 1fa6d03..c86e320 100755
--- a/pom.xml
+++ b/pom.xml
@@ -84,9 +84,9 @@
     <project-site-path>uportal/${project.version}</project-site-path>

     <!-- The JDBC Driver used by uPortal -->
-    <jdbc.groupId>org.hsqldb</jdbc.groupId>
-    <jdbc.artifactId>hsqldb</jdbc.artifactId>
-    <jdbc.version>${hsqldb.version}</jdbc.version>
+    <jdbc.groupId>mysql</jdbc.groupId>
+    <jdbc.artifactId>mysql-connector-java</jdbc.artifactId>
+    <jdbc.version>5.1.6</jdbc.version>

     <!--
       | Environment name and filters file for environment-specific build
@@ -337,6 +337,11 @@
         <version>${hsqldb.version}</version>
       </dependency>
       <dependency>
+        <groupId>mysql</groupId>
+        <artifactId>mysql-connector-java</artifactId>
+        <version>5.1.6</version>
       </dependency>
+      <dependency>
         <groupId>org.hsqldb</groupId>
         <artifactId>sqltool</artifactId>
         <version>${hsqldb.version}</version>

```

Langues et Nombre de Threads Mysql

/uportal-war/src/main/resources/properties/portal.properties (passage en français par défaut et pb au chargement de la base)

(Pour Mysql; cf. <https://wiki.jasig.org/display/UPM40/MySQL>)

```

diff --git a/uportal-war/src/main/resources/properties/portal.properties b/uportal-war/src/main/resources
/properties/portal.properties
index 8392f38..b610113 100644
--- a/uportal-war/src/main/resources/properties/portal.properties
+++ b/uportal-war/src/main/resources/properties/portal.properties
@@ -206,7 +206,7 @@ org.jasig.portal.UserPreferencesManager.save_UserPreferences_at_logout=false
 # underscore character.
 #
 org.jasig.portal.i18n.LocaleManager.locale_aware=true
-org.jasig.portal.i18n.LocaleManager.portal_locales=en_US,fr_FR,es_ES,ja_JP,sv_SE,de_DE,mk_MK,lv_LV
+org.jasig.portal.i18n.LocaleManager.portal_locales=fr_FR,en_US,es_ES,ja_JP,sv_SE,de_DE,mk_MK,lv_LV

 # The number of recent PortalExceptions ProblemsTable should cache
@@ -274,7 +274,7 @@ org.jasig.portal.version=${project.version}
 # Import/Export Thread Pool Configuration
 #
 org.jasig.portal.io.threadPool.initialThreads=0
-org.jasig.portal.io.threadPool.maxThreads=20
+org.jasig.portal.io.threadPool.maxThreads=1
 org.jasig.portal.io.threadPool.queueSize=500
 org.jasig.portal.io.threadPool.threadPriority=5
 org.jasig.portal.io.threadPool.keepAliveSeconds=30

```

CAS

uportal-war/src/main/resources/properties/security.properties (logout cas avec redirect + ajout d'une variable qui représente le contexte du serveur CAS)

```

diff --git a/uportal-war/src/main/resources/properties/security.properties b/uportal-war/src/main/resources
/properties/security.properties
index 2de19c9..cb67036 100644
--- a/uportal-war/src/main/resources/properties/security.properties
+++ b/uportal-war/src/main/resources/properties/security.properties
@@ -48,17 +48,17 @@ credentialToken.root.cas=ticket
  ## (See comments in the LogoutServlet class)
  ## It would be better to escape the value of the url parameter, but since there are no parameters on the
  ## unescaped URL and since there are no further parameters on the logout URL, this does work.
  -logoutRedirect.root=${environment.build.cas.protocol}://${environment.build.cas.server}/cas/logout?
  url=${environment.build.uportal.protocol}://${environment.build.uportal.server}${environment.build.uportal.
  context}/Login
  +logoutRedirect.root=${environment.build.cas.protocol}://${environment.build.cas.server}${environment.build.cas.
  context}/logout?service=${environment.build.uportal.protocol}://${environment.build.uportal.
  server}${environment.build.uportal.context}/Login

  ## This is the factory that supplies the concrete authorization class
  authorizationProvider=org.jasig.portal.security.provider.AuthorizationServiceFactoryImpl

  ## Login URL, if specified the CLogin channel will display a Login link with
  ## this URL instead of the standard userName/password form.
  -org.jasig.portal.channels.CLogin.CasLoginUrl=${environment.build.cas.protocol}://${environment.build.cas.
  server}/cas/login?service=${environment.build.uportal.protocol}://${environment.build.uportal.
  server}${environment.build.uportal.context}/Login
  +org.jasig.portal.channels.CLogin.CasLoginUrl=${environment.build.cas.protocol}://${environment.build.cas.
  server}${environment.build.cas.context}/login?service=${environment.build.uportal.protocol}://${environment.
  build.uportal.server}${environment.build.uportal.context}/Login

  ## URL of the CAS cleartext password service
  -org.jasig.cas3.extensions.clearpass.integration.uportal.PasswordCachingCasAssertionSecurityContextFactory.
  clearPassCasUrl=${environment.build.cas.protocol}://${environment.build.cas.server}/cas/clearPass
  +org.jasig.cas3.extensions.clearpass.integration.uportal.PasswordCachingCasAssertionSecurityContextFactory.
  clearPassCasUrl=${environment.build.cas.protocol}://${environment.build.cas.server}${environment.build.cas.
  context}/clearPass

```

uportal-war/src/main/webapp/WEB-INF/web.xml (ajout d'une variable qui représente le contexte du serveur CAS)

```

diff --git a/uportal-war/src/main/webapp/WEB-INF/web.xml b/uportal-war/src/main/webapp/WEB-INF/web.xml
index 96ec7c0..5c46989 100644
--- a/uportal-war/src/main/webapp/WEB-INF/web.xml
+++ b/uportal-war/src/main/webapp/WEB-INF/web.xml
@@ -118,7 +118,7 @@
  <filter-class>org.jasig.cas.client.validation.Cas20ProxyReceivingTicketValidationFilter</filter-class>
  <init-param>
    <param-name>casServerUrlPrefix</param-name>
  -    <param-value>${environment.build.cas.protocol}://${environment.build.cas.server}/cas</param-value>
  +    <param-value>${environment.build.cas.protocol}://${environment.build.cas.server}${environment.build.
  cas.context}</param-value>
  </init-param>
  <init-param>
    <param-name>serverName</param-name>

```

LDAP

on utilise des variable d'environnement pour le ldap (esup.ldap.url, esup.ldap.baseDN, ...)
uportal-war/src/main/resources/properties/contexts/ldapContext.xml

```

diff --git a/uportal-war/src/main/resources/properties/contexts/ldapContext.xml b/uportal-war/src/main/resources
/properties/contexts/ldapContext.xml
index 5e7d32a..ceedd74 100644
--- a/uportal-war/src/main/resources/properties/contexts/ldapContext.xml
+++ b/uportal-war/src/main/resources/properties/contexts/ldapContext.xml
@@ -68,4 +68,11 @@
     <property name="pooled" value="false"/>
   </bean>
   -->
+  <bean id="defaultLdapContext">
+    <property name="url" value="{esup.ldap.url}"/>
+    <property name="base" value="{esup.ldap.baseDN}"/>
+    <property name="userName" value="{esup.ldap.bindDN}"/>
+    <property name="password" value="{esup.ldap.bindPasswd}"/>
+    <property name="pooled" value="{esup.ldap.pooled}"/>
+  </bean>
</beans>

```

uportal-war/src/main/resources/properties/contexts/personDirectoryContext.xml

```

diff --git a/uportal-war/src/main/resources/properties/contexts/personDirectoryContext.xml b/uportal-war/src
/main/resources/properties/contexts/personDirectoryContext.xml
index 6e69675..1832d85 100644
--- a/uportal-war/src/main/resources/properties/contexts/personDirectoryContext.xml
+++ b/uportal-war/src/main/resources/properties/contexts/personDirectoryContext.xml
@@ -137,10 +137,51 @@
@@
-->
    <ref bean="uPortalAccountUserSource" />
    <ref bean="uPortalJdbcUserSource" />
+
    <ref bean="uPortalLdapAttributeSource"/>
+
  </list>
</property>
</bean>

+
<bean id="uPortalLdapAttributeSource">
+
  <property name="contextSource" ref="defaultLdapContext" />
+
  <property name="baseDN" value="${esup.ldap.baseDN}" />
+
  <property name="queryAttributeMapping">
+
    <map>
+
      <entry key="username" value="uid"/>
+
    </map>
+
  </property>
+
  <property name="resultAttributeMapping">
+
    <map>
+
      <entry key="eduPersonPrimaryAffiliation">    <value>eduPersonPrimaryAffiliation<
/value></entry>
+
      <entry key="eduPersonAffiliation">            <value>eduPersonAffiliation</value><
/entry>
+
      <entry key="cn">                                <value>cn</value></entry>
+
      <entry key="description">                        <value>description</value></entry>
+
      <entry key="displayName">                        <value>displayName</value></entry>
+
      <entry key="facsimileTelephoneNumber">          <value>facsimileTelephoneNumber</value><
/entry>
+
      <entry key="givenName">                          <value>givenName</value></entry>
+
      <entry key="mail">                              <value>mail</value></entry>
+
      <entry key="postalAddress">                      <value>postalAddress</value></entry>
+
      <entry key="sn">                                <value>sn</value></entry>
+
      <entry key="telephoneNumber">                    <value>telephoneNumber</value></entry>
+
      <entry key="uid">
        <set>
+
          <value>uid</value>
+
          <value>username</value>
+
          <value>user.login.id</value>
+
        </set>
      </entry>
+
      <entry key="supannCodeINE">                      <value>supannCodeINE</value></entry>
+
      <entry key="supannEtuId">                        <value>supannEtuId</value></entry>
+
      <entry key="supannEmpId">                        <value>supannEmpId</value></entry>
+
      <entry key="eduPersonAffiliation">                <value>eduPersonAffiliation</value></entry>
+
      <entry key="supannaffectation">                  <value>supannaffectation</value></entry>
+
      <entry key="objectclass">                        <value>objectclass</value></entry>
+
      <entry key="supannorganisme">                    <value>supannorganisme</value></entry>
+
    </map>
  </property>
+
</bean>

+
<bean id="uPortalAccountUserSource">
  <property name="localAccountDao" ref="localAccountDao"/>
  <property name="usernameAttributeProvider" ref="usernameAttributeProvider" />

```

Déploiement

Installer Ant 1.8.X, Maven 3.0.X, Tomcat 6.0.X

Côté tomcat installer un tomcat de base, le laisser en autoDeploy="true"

Premier déploiement :

```
ant -Dmaven.test.skip=true initportal
```

Pour déployer les modifications par la suite

```
ant -Dmaven.test.skip=true clean deploy-war
```

env.cmd : script d'exemple qui positionne les variables d'environnement qui vont bien (pour windows désolé)

```
SET JAVA_HOME=D:/jdk1.6.0_30

SET ANT_HOME=E:/esup4/apache-ant-1.8.2
SET M2_HOME=E:/esup4/apache-maven-3.0.4
SET TOMCAT_HOME=E:/esup4/apache-tomcat-6.0.35
SET TRUST_CERT=E:/esup4/esup-portal.keystore

SET M2=%M2_HOME%/bin

SET CATALINA_HOME=%TOMCAT_HOME%
SET CATALINA_BASE=%CATALINA_HOME%
SET CATALINA_TMPDIR=%CATALINA_HOME%/temp
SET CATALINA_OPTS=-Djavax.net.ssl.trustStore="%TRUST_CERT%"
SET CATALINA_PID=%CATALINA_TMPDIR%/uportal.pid

SET PATH=%M2%;%ANT_HOME%/bin;%JAVA_HOME%/bin;%PATH%;

SET JAVA_OPTS=-server
SET JAVA_OPTS=%JAVA_OPTS% -XX:MaxPermSize=512m -XX:PermSize=300m
SET JAVA_OPTS=%JAVA_OPTS% -Xms1024m -Xmx1520m
SET JAVA_OPTS=%JAVA_OPTS% -Dcom.sun.management.jmxremote

SET JAVA_OPTS=%JAVA_OPTS% -Desup.ldap.url="ldap://ldap1.univ.fr:389 ldap://ldap2.univ.fr:389"
SET JAVA_OPTS=%JAVA_OPTS% -Desup.ldap.baseDN="ou=people,dc=univ,dc=fr"
SET JAVA_OPTS=%JAVA_OPTS% -Desup.ldap.pooled=false
SET JAVA_OPTS=%JAVA_OPTS% -Desup.ldap.bindDN=""
SET JAVA_OPTS=%JAVA_OPTS% -Desup.ldap.bindPasswd=""
```

start.cmd : script de démarrage de tomcat

```
call E:/esup4/env.cmd

DEL /Q "%TOMCAT_HOME%\logs\*.*"
DEL /Q "%TOMCAT_HOME%\work\*.*"
%TOMCAT_HOME%\bin\catalina start
@rem %CATALINA_HOME%\bin\catalina start -security
@rem %CATALINA_HOME%\bin\catalina jpda start
```

***_stop.cmd** ? :+_ script d'arrêt de tomcat

```
call E:/esup4/env.cmd

DEL /Q "%LOG_DIR%\*.*"
call %CATALINA_HOME%\bin\shutdown
```