

# Documentation esup-activ v1 (archive)

## Esup Activaccount Portlet - Installation Guide



Auteur : Fabrice Jammes, Sang Hun Bang ([University of Paris 1](#))

- [Esup Activaccount Portlet - Installation Guide](#)
- [Important note](#)
- [How does it work ?](#)
- [Installation](#)
- [Configuration](#)

## Important note

Due to some limitations using AJAX in esup-commons portlet, this tools can only be used in servlet mode. This isn't a big problem because this tool is only used by anonymous users who wish to activate their LDAP account.

## How does it work ?

**esup-activ** offers a web interface which allow to the members of your institutions to activate their LDAP account online.

LDAP account must have been created previously with another script. For example a PERL script can export accounts from your human ressources database to LDAP directory every night. Benoît Branciard (Benoit [dot](#) Branciard [arobase](#) univ-paris1 [dot](#) fr) has written it for Paris 1 University.

These account are created with a null LDAP attribute **shadowLastChange**, a set of LDAP attributes extracted from human ressources database (name, birthdate, address, ...), and a pre-defined LDAP **password**, generated by a secret algorithm with a set of these LDAP attributes.

**esup-activ** first presents a form where the user is asked some personal informations (user ID in human ressource database, user name and birthdate by default).

Next **esup-activ** uses these information to retrieve the user inactive account in LDAP directory.

Then **esup-activ**, deduce LDAP user preset password from LDAP user attributes.

The user can now choose a secure password and is given it's LDAP login, mail address and portal login URL.

Finally, **esup-activ** updates LDAP attribute **shadowLastChange**, and **LDAP user password**.

## Installation

esup-activation relies on esup-commons, so it can be installed as an described in esup-commons documentation : <http://sourcesup.cru.fr/esup-commons/admin/index.html>

- Download esup-activaccount-<version>.zip from [the projectsite](#)

- Unzip the file somewhere on a working directory



To configure this application you have to adapt some configuration files. Every time you will find a <fileName>-example.<extension> example file that you can copy to <fileName>.<extension> before adapting.

- Adapt build.properties
- Adapt properties/esup-activ.properties for exception handling configuration, SMTP configuration, LDAP configuration



esup-activaccount doesn't use any database.

- Test your configuration:
  - ant test-config
  - ant test-smtp
  - ant test-ldap
- Deploy the application:
  - ant deploy
- You can modify application look by updating **esup-activ/webapp/media/portlet.css**

## Configuration

You can configure your application. For this: adapt file **properties/esup-activ.properties** directory.

You must also modify method : **org.esupportail.activ.domain.beans.Account.generateInitialPassword()**.

```
public void generateInitialPassword() {
    /* TODO : input your password generation algorithm here */
    initialPassword = "initialseed#";
    SimpleDateFormat format =
        new SimpleDateFormat("ddMMyyyy");
    initialPassword += format.format(this.birthDate)+"#";
    initialPassword += this.harpegeNumber+"#";

    initialPassword += StringTools.cleanAllSpecialChar(this.birthName)+"#";
}
```

Here you must implement your algorithm of generation of initial password. It must be the same that the one implemented in the script used to create nightly LDAP user accounts from human ressources database.

After ending configuration and coding of your password generation algorithm, use **ant deploy** to deploy again your application.