Applications plugin

- Installation of applications plugin
- Add a web application
- Use FusionDirectory as portal
- Desktop application options
Installation of applications plugin

Install

Debian

```
apt-get install fusiondirectory-plugin-applications
apt-get install fusiondirectory-plugin-applications-schema
```

RHEL

```
yum install fusiondirectory-plugin-applications
yum install fusiondirectory-plugin-applications-schema
```

Suse

```
zypper install fusiondirectory-plugin-applications
zypper install fusiondirectory-plugin-applications-schema
```

Archlinux

```
yaourt -S fusiondirectory-plugin-applications
yaourt -S fusiondirectory-plugin-applications-schema
```

Insert schemas

Debian

```
fusiondirectory-insert-schema -i
/etc/ldap/schema/fusiondirectory/applications-fd.schema
fusiondirectory-insert-schema -i
/etc/ldap/schema/fusiondirectory/applications-fd-conf.schema
```

RHEL, Suse and Archlinux

```
fusiondirectory-insert-schema -i
/etc/openldap/schema/fusiondirectory/applications-fd.schema
fusiondirectory-insert-schema -i
/etc/openldap/schema/fusiondirectory/applications-fd-conf.schema
```
From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/applications_plugin/install

Last update: 2015/06/15 14:07
Add a web application

Select application in the menu

Create a web application

Fill the forms and save your application

- **Base**: where is the application entry in the LDAP
- **Name**: applications name
- **Description:** description of the application
- **URL:** URL of the application
- **Display Name:** the name that we display (FusionDirectory portal)
- **Set your icon** for your application (FusionDirectory portal)

From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/applications_plugin/add_web_application

Last update: 2015/06/15 14:30
Use FusionDirectory as portal

Activate portal mode

Go in configuration

Click on plugin section
Click on edit
Select your portal mode

- **None**: no use portal mode
- **Only allowed**: only allow user that are in a role that have your application
- **All**: the icons are displayed for everyone
Add an application in a role

Go in groups

Create a role

Add the users in the role and click on application tabs

Activate applications tab
Add the applications that you will in the role

Finally click on ok to save your role

From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation
Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/appications_plugin/use_fd_as_portal
Last update: 2015/06/15 16:20
Desktop application options

**fdApplicationExecutePath**

The path to execute the application

**fdApplicationFlags**

- G: Only executable for member
- O: Replace user configuration on startup
- D: Place icon on members desktop
- M: Place entry in members startmenu
- L: Place entry in members launch bar

From: https://documentation.fusiondirectory.org/
Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/applications_plugin/desktop_application_option
Last update: 2015/06/24 09:42
EJBCA Plugin

- Install
- Grab certificate
- Assign a certificate at a user or a system

From:
https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link:
https://documentation.fusiondirectory.org/en/documentation/plugin/ejbca_plugin

Last update: 2015/06/26 15:07
Install

Debian

```bash
apt-get install fusiondirectory-plugin-ejbca fusiondirectory-plugin-ejbca-schema
```

RHEL

```bash
yum install fusiondirectory-plugin-ejbca fusiondirectory-plugin-ejbca-schema
```

Suse

```bash
zypper install fusiondirectory-plugin-ejbca fusiondirectory-plugin-ejbca-schema
```

Archlinux

```bash
yaourt -S fusiondirectory-plugin-ejbca fusiondirectory-plugin-ejbca-schema
```

Insert schemas

Debian

```bash
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/ejbca-fd*
```

Others

```bash
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/ejbca-fd*
```

From:
https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link:
https://documentation.fusiondirectory.org/en/documentation/plugin/ejbca_plugin/install

Last update: 2015/06/26 14:43
Grab certificate

Click on EJBCA icon

EJBCA part in FusionDirectory
You can download your certificate here, but you may click on his name and see more info.
Assign a certificate at an user or a system

User

Click on users menu

Create or edit a user
Activate EJBCA tab
Add your certificate

System

Go to system menu
Create or edit a system

Activate EJBCA tab
Add your certificate to your system
EJBCA certs

From: https://documentation.fusiondirectory.org/
Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/ejbca_plugin/assign
Last update: 2015/06/26 15:46
FusionInventory plugin

- How to setup the FusionInventory plugin

From:
https://documentation.fusiondirectory.org/- FusionDirectory Documentation

Permanent link:
https://documentation.fusiondirectory.org/en/documentation/plugin/fusioninventory_plugin

Last update: 2014/06/27 21:16
How to setup FusionInventory plugin

This plugin is used to manage inventory objects.

Install required packages

In order to install FusionInventory plugin, you need to have installed systems plugin.

**debian:**

```bash
apt-get install fusiondirectory-plugin-fusioninventory
apt-get install fusiondirectory-plugin-fusioninventory-schema
```

**RHEL / CentOS:**

```bash
yum install fusiondirectory-plugin-fusioninventory
yum install fusiondirectory-plugin-fusioninventory-schema
```

Insert required schemas

**debian:**

```bash
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/fusioninventory-fd.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/fusioninventory-fd-conf.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/inventory-fd.schema
```

**RHEL / CentOS:**

```bash
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/fusioninventory-fd.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/fusioninventory-fd-conf.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/inventory-fd.schema
```

How to use the FusionInventory plugin

Configure FusionInventory-agent

If you have an agent.cfg, it is best to backup these.
Install the last version of FusionInventory-agent.

In the install, choice to use the version of the package.

Configure your agent.cfg normally, you must minimum configure:

- server
- local

In example:

```
#%ipFusionDirectory% = the IP of your FusionDirectory server
server = http://%ipFusionDirectory%/fusiondirectory/collect.php
local = /tmp
```

After that, force the inventory.

```
fusioninventory-agent
```

Configure FusionInventory-plugin in FusionDirectory

You can see the inventory in the systems objects. If you will, you may change how FusionDirectory match the inventory.

You must click on edit before clicking on plugin.
- Inventory RDN: where we stock the inventory in the LDAP.
- Mac address: we use only the Mac address for match the inventory.
- IP address: we use only the IP address for match the inventory.
- Both: we use the Mac and IP address for match the inventory.
- IP or Mac address: we use the IP or the Mac address for match the inventory.

**Use FusionInventory-plugin in FusionDirectory**

You can see the inventory objects in **Addons ⇒ Inventory objects**

From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/fusioninventory_plugin/how_to_setup_fusioninventory_plugin

Last update: 2016/02/12 21:50
GPG Plugin

- How to install GPG plugin
- Add GPG key to a user
How to install GPG plugin

Requirements

- How to setup systems-plugin (since 1.0.5)

Install

Debian

```
apt-get install fusiondirectory-plugin-gpg
apt-get install fusiondirectory-plugin-gpg-schema
```

RHEL

```
yum install fusiondirectory-plugin-gpg
yum install fusiondirectory-plugin-gpg-schema
```

SLES

```
zypper install fusiondirectory-plugin-gpg
zypper install fusiondirectory-plugin-gpg-schema
```

Archlinux

```
yaourt -S fusiondirectory-plugin-gpg
yaourt -S fusiondirectory-plugin-gpg-schema
```

Insert schemas

Debian

```
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/gpg-fd.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/pgp*
```

Others

```
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/gpg-fd.schema
```
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/pgp*
Add GPG key to a user

Go to create or edit a user
Activate GPG tab
Add a key that is in your LDAP

Tick the key and save it
How to setup LDAP Dump plugin

The LDAP Dump plugin give all the information from an element that is stored in the LDAP.

Install required packages

Debian:

apt-get install fusiondirectory-plugin-ldapdump

RHEL / CentOS:

yum install fusiondirectory-plugin-ldapdump

How to use the LDAP Dump plugin

Now when you edit an element in FusionDirectory, you will see an LDAP tab.

In the LDAP tab, you can see the DN of your element.
If you click on your element, you will see all the informations that the LDAP contains.
Ldapmanager plugin

- How to setup the Ldapmanager plugin
How to setup Ldapmanager plugin

This plugin is used to export/import ldif in an LDAP directory.

Requirements

In order to install Ldapmanager plugin, you need to have installed ldap-utils.

debian:

```bash
apt-get install ldap-utils
```

rpm: <TODO>

rpm user, please edit

Install required packages

debian:

```bash
apt-get install fusiondirectory-plugin-ldapmanager
```

rpm: <TODO>

rpm user, please edit

How to use the Ldapmanager plugin

In your FusionDirectory web interface you have now, in the Addons section, a new tab and a new icon called “Ldap import/export” that you can use to manage ldif in your infrastructure:
When you click on this tab or icon, then you can:

- Export ldif
- Import ldif
- Import CSV

**Export ldif**

The LDIF export plugin provides methods to download a complete snapshot of the running LDAP directory as ldif. You may save these files for backup purpose or when initializing a new server.

### Export single entry

Allows you to export a single ldap record. For example, in my ldap directory, if I ask to export the sales group:

```
cn=sales,ou=groups,dc=opensides,dc=be
```

the result is an ldif file with this content:

```
dn: cn=sales,ou=groups,dc=opensides,dc=be
cn: sales
gidNumber: 1105
memberUid: Homer.Sympson
memberUid: gmarquez
objectClass: top
objectClass: posixGroup
```
Export complete LDIF for

Allows you to export all records of your ldap directory.

Import LDIF

The LDIF import plugin provides methods to upload a set of entries to your running LDAP directory as LDIF. You may use this to add new or modify existing entries. Remember that FusionDirectory will not check your ldifs for FusionDirectory conformance.

Import LDIF File (Modify existing objects, keep untouched attributes)

For example, in FusionDirectory, I have this Sales group:

which corresponds at this entry in my ldap directory:

```
    dn: cn=sales,ou=groups,dc=opensides,dc=be
    cn: sales
    gidNumber: 1105
    memberUid: Homer.Sympson
    memberUid: gmarquez
    objectClass: top
    objectClass: posixGroup
```
if I import a ldif file with this content:

```
dn: cn=sales,ou=groups,dc=opensides,dc=be
cn: sales
gidNumber: 1105
memberUid: Homer.Sympson
memberUid: gmarquez
memberUid: toto
description: Group of sales peoples
objectClass: top
objectClass: posixGroup
```

my Sales group is modified like this:

![Group Membership](image)

**Import CSV**

The CSV import plugin provides methods to generate user accounts from a file containing Semi-Colon Separated Values. The administrator can decide which columns should be transferred to which attribute and select a template to apply.
Note that the file must not contain a header line, all lines are treated as data to import, except if they start with a #.
Repository plugin

- Howto setup repository plugin
- Howto create a section
- Howto create a distribution
- Howto build a repository

From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation
Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/repository
Last update: 2015/10/12 11:02
Howto install repository plugin

Requirements

In order to install repository plugin, you need to have installed and configured Systems plugin. If you don't know how to install him, you can take a look at:

how_to_setup_systems_plugin_1.0.5

Installation

Archlinux

```bash
yaourt -S fusiondirectory-plugin-repository
yaourt -S fusiondirectory-plugin-repository-schema
```

Debian

```bash
apt-get install fusiondirectory-plugin-repository
apt-get install fusiondirectory-plugin-repository-schema
```

RHEL / SL

```bash
yum install fusiondirectory-plugin-repository
yum install fusiondirectory-plugin-repository-schema
```

Suse / SLES

```bash
zypper install fusiondirectory-plugin-repository
zypper install fusiondirectory-plugin-repository-schema
```

Insert schemas

Archlinux / RHEL / SL / Suse / SLES

```bash
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/repository-fd-conf.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/repository-fd.schema
```
Debian

```
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/repository-fd-conf.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/repository-fd.schema
```
How to create a section

Go to repository management

Click on Actions → Create → Repository section

Fill the fields and click on ok to finish it.
How to create a distribution

Click on repository management

Click on Actions → Create → Create a distribution

Fill the fields and click on ok
Howto build a repository

Go to repository management

Click on Actions → Create → build repository

Fill all the fields and click on ok
SOGo plugin

- How to setup SOGo plugin
- How to modify SOGo plugin configuration
How to setup SOGo plugin

This plugin is used in the management of ressources in SOGo.

Requirements

In order to install SOGo plugin, you need to have installed and configured a mail server, a sogo server and Systems and mail plugins of fusiondirectory. If you don't know how to install them, you can take a look at:

- How to setup systems-plugin (since 1.0.5)
- How to install Mail plugin (since 1.0.5)

Install required packages

debian:

```
apt-get install fusiondirectory-plugin-sogo
```

RHEL / CentOS:

```
yum install fusiondirectory-plugin-sogo
```

Install required schemas

debian:

```
apt-get install fusiondirectory-plugin-sogo-schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/sogo-fd-conf.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/calEntry.schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/calRessources.schema
```

RHEL / CentOS:

```
yum install fusiondirectory-plugin-sogo-schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/sogo-fd-conf.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/calEntry.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/calRessources.schema
```
How to use SOGo plugin

In your FusionDirectory web interface you have now, in the “Administration” section, a new tab and a new icon called “SOGo” that you can use to manage SOGo resources (location, thing and group) in your infrastructure:

From:
https://documentation.fusiondirectory.org/

Permanent link:
https://documentation.fusiondirectory.org/en/documentation/plugin/sogo_plugin/how_to_setup_sogo_plugin

Last update: 2016/02/12 22:05
Generic SOGo plugin Configuration

Starting from version 1.0.5, all the FD configuration about the plugin is stored inside the ldap, in configs branch.

If you need to modify something, you can access to FD configuration of the plugin by the 'Configuration' icon or entry in the 'Addons' section of the main page of FD GUI:

Access to configuration is read-only. If you need to make changes, then you must press the 'Edit' button at the bottom right of the window.

In Plugins tab you will find the block highlighted in red, which is related to the configuration of the SOGo plugin.

LDAP tree

- **SOGo RDN**: (required) Branch in which SOGo resources will be stored.
How to setup weblink plugin

The weblink plugin give a link to simply access your configuration interface of your device, system, ...

Install required packages

Debian:

```
apt-get install fusiondirectory-plugin-weblink fusiondirectory-plugin-systems-schema
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/systems-fd.schema /etc/ldap/schema/fusiondirectory/systems-fd-conf.schema
```

RHEL / CentOS:

```
yum install fusiondirectory-plugin-weblink fusiondirectory-plugin-systems-schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/systems-fd.schema
fusiondirectory-insert-schema -i /etc/openldap/schema/fusiondirectory/systems-fd-conf.schema
```

How to use the weblink plugin

If you create or edit a system element (server, workstation, network printer or network device) you will see a tab with the name “Web link”.

Click on the web link tab.
You can enable or disable the web link setting to click on the button.

Choose the protocol for your link.

From: https://documentation.fusiondirectory.org/ - FusionDirectory Documentation

Permanent link: https://documentation.fusiondirectory.org/en/documentation/plugin/weblink_plugin

Last update: 2016/02/12 22:10