

API Name : kpi-msad

Distribution : jar

Version : 1.0.0

Developer : [yauri.attamimi@masvent.com](mailto:yauri.attamimi@masvent.com) ; [yauritux@gmail.com](mailto:yauritux@gmail.com)

**1. Create Connection object and set the required attributes**

**e.g. :**

```
Connection connection = new Connection();
connection.setUser("CORPUAT\\KPI_APP");
connection.setPassword("P@ssw0rd");

connection.setProtocol("ssl"); //optional, only required for connection over SSL

connection.setUrlScheme("LDAP");
connection.setDomain("KSI-UAT-CORPUAT");
connection.setPort(636);
connection.setBaseDn("DC=corpuat,DC=danamon,DC=co,DC=id");
```

**2. Create/instantiate ActiveDirectoryService**

**e.g. :**

```
ActiveDirectoryService adService
    = new ActiveDirectoryServiceImpl();
```

**3. Open Connection (provide the connection object which already created earlier as parameter)**

**e.g. :**

```
adService.openConnection(connection);
```

**4. Fetch All Users**

**e.g. :**

```
Collection<id.co.danamon.model.User> users
    = adService.fetchAllUsers();
```

**5. Find User by "name" (will return null, if user not found)**

**e.g. :**

```
id.co.danamon.constant.SearchingAttribute field
    = id.co.danamon.constant.SearchingAttribute.NAME;
id.co.danamon.model.User user
    = adService.searchUser(field, "usertest02");
```

**6. Find User by "email" (will return null if user not found)**

**e.g. :**

```
id.co.danamon.constant.SearchingAttribute field
    = id.co.danamon.constant.SearchingAttribute.EMAIL;
id.co.danamon.model.User user = adService.searchUser(
    field, "usertest02@corpuat.danamon.co.id");
```

**NB : other Attribute : SearchingAttribute.CN**