Triggers: Script Tips

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Here we will show you some tips about how to use scripts.

> For more information you can visit the official documentation of Soffid

Write into a sync-server log

```
System.out.println("what you want.....");
```

Recover data from a Soffid object when synchronizing

> * ***source*** *only can be used in outgoing triggers. That object will be Soffid format.*

> * ***newObject*** *and* ***oldObject*** *can be used in outgoing and incoming triggers. Those objects will be target system format in outgoing triggers and will be Soffid format in incoming triggers.*

Recover data from Soffid object to synchronize

Recover user name

```
name = source{"userName"};
```

Recover a custom attribute

Recover company (company could be a user custom attribute defined on metadata page)

```
comp = source{"attributes"}{"company"};
```

Recover the attribute value that will be sent

```
no = newObject{"userName"};
gn = newObject{"givenName"};
....
```

Recover the attribute value from the select

That info comes from the target system. In a synchronization process, the first thing that Soffid does, is to query if the account exists on the target system.

```
no = oldObject{"userName"};
gn = oldObject{"givenName"};
....
```

Use existing services

```
serviceLocator.getUserService().....
serviceLocator.getAccountService().....
serviceLocator.......
```

Create a new Soffid object

```
mailDomain = new com.soffid.iam.api.MailDomain();
newUser = new com.soffid.iam.api.User();
newRol = new com.soffid.iam.api.Role();
.............
```

Loop an object list

```
for(role : roleList){
  //TO-DO
  out.print(" Role: " + role.roleName + "\n");
}
```

Recover response

```
if (response!=null) {
  for (o : response.getObjects()) {
    if (o!=null && o{"result"}!=null) {
      //TO-DO
    }
```

```
  }
}
```

Send a text email

```
serviceLocator.getMailService().sendTextMail("mail@soffid.com", "Subject", "Mail message");
```

Send a HTML mail

```
serviceLocator.getMailService().sendHtmlMailToActors(<to>, <subject>, <html-body>);
```

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