

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>);
```

Revision #22

Created 11 August 2021 12:40:12

Updated 30 November 2022 12:32:15