

Custom scripts page

Description

The Custom Scripts page provides the capacity to launch custom scripts to perform any functionality or process that the Soffid API has available.

Remember that you can consult the Soffid API at the following links: [Soffid 4 public API](#) and [Data & Service model](#).

Screen overview

The screenshot shows the Soffid user interface. On the left is a sidebar menu with the Soffid logo and the tagline "Identity made simple_". The menu items include: ISS (Advanced), IGA (My OTP devices), AM (Resources), AM (Tools), PAM (Configuration), PAM (Configuration wizard), IRC (Global Settings), Integration engine, Workflow settings, Security settings, Custom scripts, Web SSO, and Monitoring and reporting. An "ADV" button is located at the bottom of the sidebar. The main content area has a search bar at the top with the text "Search in Soffid...". Below the search bar is a breadcrumb trail: "Main Menu > Configuration > Custom scripts". To the right of the breadcrumb are buttons for "Add new", "Download CSV File", and "Import". Below these buttons is a search input field with a red search icon. The main content area contains a table with the following data:

<input type="checkbox"/>	Name ▾
<input type="checkbox"/>	Send an email
<input type="checkbox"/>	List users
<input type="checkbox"/>	Create new users

At the bottom right of the page, it says "Displayed rows: 3".

soffid
Identity made simple_

Search in Soffid...

Main Menu > Configuration > Custom scripts

2 out of 3

List users

Name * : List users

Type : On demand

Script

```
1 var lu = serviceLocator.getUserService().findUsers();
2 for (var i=0; i<lu.size(); i++) {
3   var u = lu.get(i);
4   out.println(u.userName);
5 }
```

Available context variables:

- principal**: Current user security context
- serviceLocator**: Soffid service locator
- log**: Logging interface

Programming reference links:

- [Service mode!](#)
- [Full java classes documentation](#)

Undo Execute now

Related objects

- [Console log](#) : for more details in case an error has been returned if the script type is "On demand".
- [Syncserver monitoring](#) : for more details in case an error has been returned if the script type is "Shceduled".
- [Scheduled tasks](#) : to manage and execute custom script when the type is "Scheduled".
- [Users](#) :
 - After a user change, the "On user change" is executed.
 - After a grant permission, the "On grant permission" is executed.
 - After a revoke permission, the "On revoke permission" is executed.

Standard attributes

- **Name** : name of the custom script.
- **Type** : type of the custom script.
 - **Scheduled** : the script is executed in a Sync server and can be scheduled as a task to manage it from the Scheduled tasks page.
 - **On demand** : the script is executed in the Console.
 - **On user change** : the script is executed after any user change (except for granting and revoking roles).
 - **On grant permission** : the script is executed after a grant permission.

- **On revoke permission** : the script is executed after a revoke permission.

Actions

Table actions

Add new	Allows you to add a new custom script. To add a new custom script it will be mandatory to fill in the required fields.
Delete script	Allows you to remove one or more custom scripts by selecting one or more records and next clicking the button. To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation.
Download CSV file	Allows you to download a csv file with the data included in the table.

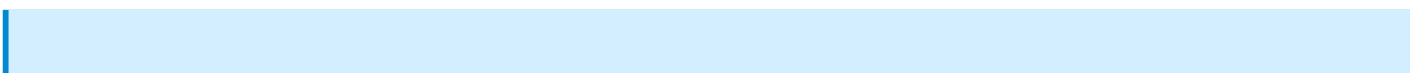
Detail action

AI assistant	Ask our AI for help to generate scripts more quickly and efficiently.
Delete script	Allows you to remove the custom script. To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation.
Undo	Allows you to quit without applying any changes.
Execute now	Run the script. If it is of the 'On demand' type, it runs immediately in the Console. If it is of the 'Scheduled' type, it must be run from the 'Scheduled tasks' screen.

Others

Soffid APIs

Below you could find a list of helpful links related to the building of custom scripts.



Public API for of the classes of Soffid: <https://download.soffid.com/doc/console/latest/iam-common/apidocs/allclasses.html>

API for the internal classes of Soffid: <https://download.soffid.com/doc/console/latest/uml/>

Custom utility classes: <https://bookstack.soffid.com/books/soffid-3-reference-guide/page/utility-classes>

Script examples

Below you will find examples of scripts that will help you understand programming and the possibilities it offers.

[Script examples.](#)

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