

Custom objects

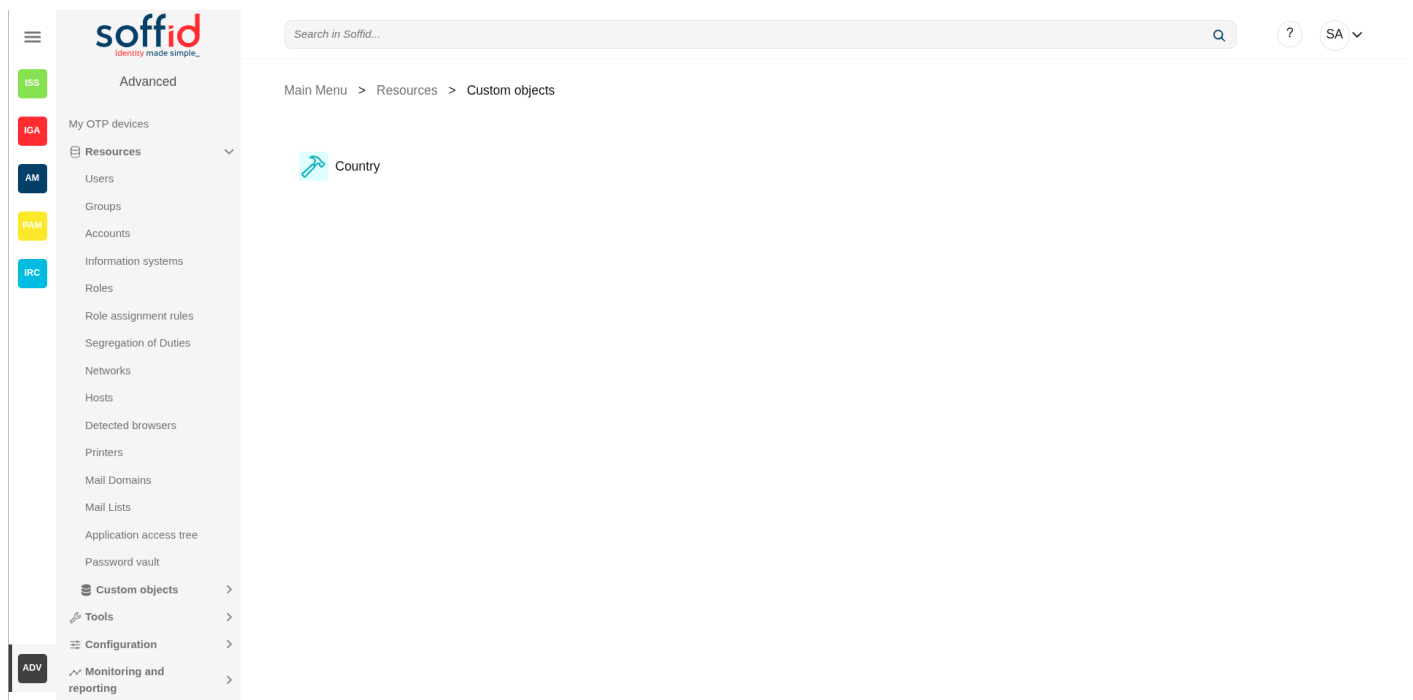
Description

The custom objects are the objects created by the administrator to extend the Soffid underlying data model. This allows you to store additional information that is not natively supported by Soffid.

This option allows administrator users to provide objects with content.

For more information about how to create a new Custom object you can visit the [Metadata page](#).

Screen overview



The screenshot displays the Soffid user interface. On the left is a navigation sidebar with the Soffid logo and a list of menu items including ISS, IGA, AM, PAM, IRC, and ADV. The main content area shows a breadcrumb trail: Main Menu > Resources > Custom objects. Below the breadcrumb, there is a single entry labeled 'Country' with a blue wrench icon, indicating it is a custom object.

soffid
Identity made simple

Advanced

- ISS
- IGA My OTP devices
 - Resources >
 - Tools >
 - Configuration >
 - Monitoring and reporting >
- AM
- PAM
- IRC
- ADV

Search in Soffid...

Main Menu > Resources > Custom objects > Country

Quick Basic Advanced

Add new Download CSV File Import

Name Description

Name ^	Description
AD	Andorra
AL	Albania
AR	Argentina
AT	Austria
AU	Australia
BA	Bosnia and Herzegovina
BE	Belgium
BG	Bulgaria
BR	Brazil
BY	Belarus
CA	Canada
CH	Switzerland

Displayed rows: 59

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Search in Soffid...

Main Menu > Resources > Custom objects > Country

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Albania
AL

Name * : AL

Description * : Albania

Undo Apply changes

In the metadata page:

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Search in Soffid...

Main Menu > Configuration > Global Settings > Metadata

Add new Download CSV File View

Object type ^	Description	Built-in type
Country	Country	No
com.soffid.iam.am.api.Host	Builtin Host object	Yes
com.soffid.iam.base.api.Account	Builtin account object	Yes
com.soffid.iam.base.api.User	Builtin user object	Yes
com.soffid.iam.bpm.api.ProcessInstance	Builtin ProcessInstance object	Yes
com.soffid.iam.iga.api.Group	Builtin group object	Yes
com.soffid.iam.iga.api.InformationSystem	Builtin application object	Yes
com.soffid.iam.iga.api.MailList	Builtin mail_list object	Yes
com.soffid.iam.iga.api.Role	Builtin role object	Yes
com.soffid.iam.iga.api.RoleAccount	Builtin RoleAccount object	Yes
com.soffid.iam.iga.api.UserGroup	Builtin group_membership object	Yes

Displayed rows: 11

soffid
Identity made simple...

Advanced

My OTP devices

Resources

Tools

Configuration

Monitoring and reporting

Search in soffid...

SA

Main Menu > Configuration > Global Settings > Metadata

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Country

Country

Download CSV File

Import

Expand all

Collapse all

Basics :

Object type * : Country

Description * : Country

Use textual index : No

Access control :

Public object : Yes

Add new

<input type="checkbox"/>	Code	Label	Data type	Built-in type
<input type="checkbox"/>	name	Name	String	Yes
<input type="checkbox"/>	description	Description	String	Yes

Displayed rows: 2

Undo

Apply changes

Related objects

- Metadata : where the custom object is configured

Standard attributes

Attributes by default:

- **Name**: identification name.
- **Description**: brief description.

Every single custom object could have specified attributes defined by the administrator users when they create the object type in the Metadata page.

Actions

Custom object query

"Query"	Allows you to query custom object through different search systems, Quick, Basic and Advanced .
Add new	Allows you to create a new custom object. You can choose that option on the hamburger menu or clicking the add button (+). To add a new custom object it will be mandatory to fill in the required fields
Delete custom object	Allows you to remove one or more custom objects by selecting one or more records and next clicking the button with the subtraction symbol (-). 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 custom objects information.
Import	Allows you to upload a CSV file with the custom object list to add or update custom objects to Soffid. First, you need to pick up a CSV file, that CSV has to contain a specific configuration. Then you need to check the content to be loaded, it is allowed to choose if you want or not to load a specific attribute. And finally, you need to select the mappings for each column of the CSV file to import the data correctly and to click the Import button.
View	Allows you to add or remove columns to the table. It is also possible to change the order of the columns.

Custom object detail

Apply changes	Allows you to save the data of a new custom object or to update the data of a specific custom object. To save the data it will be mandatory to fill in the required fields
Delete custom object	Allows you to remove a custom object. You can choose that option on the trash icon. To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation.
Undo	Allows you to undo any changes made

Examples

How to use custom objects in the scripts

Example 1: Retrieve the list of the records of the custom object Country.

```
ICusObj = serviceLocator.getCustomObjectService().findCustomObjectNames("Country");
```

Example 2: Retrieve a custom object value by name of the custom object Country.

```
cusObj = serviceLocator.getCustomObjectService().findCustomObjectByTypeAndName("Country","ES");
```

Example 3: List the values of the custom object Country that the name starts with "A".

```
ICusObj = serviceLocator.getCustomObjectService().findCustomObjectByJsonQuery("Country", "name sw " +
"\A\");
for (var i=0; i<ICusObj.length; i++) {
    attributes = ICustomObj[i].getAttributes();
    out.println("*** Custom Object - " + i + " - " + ICusObj[i].name);
}
```

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