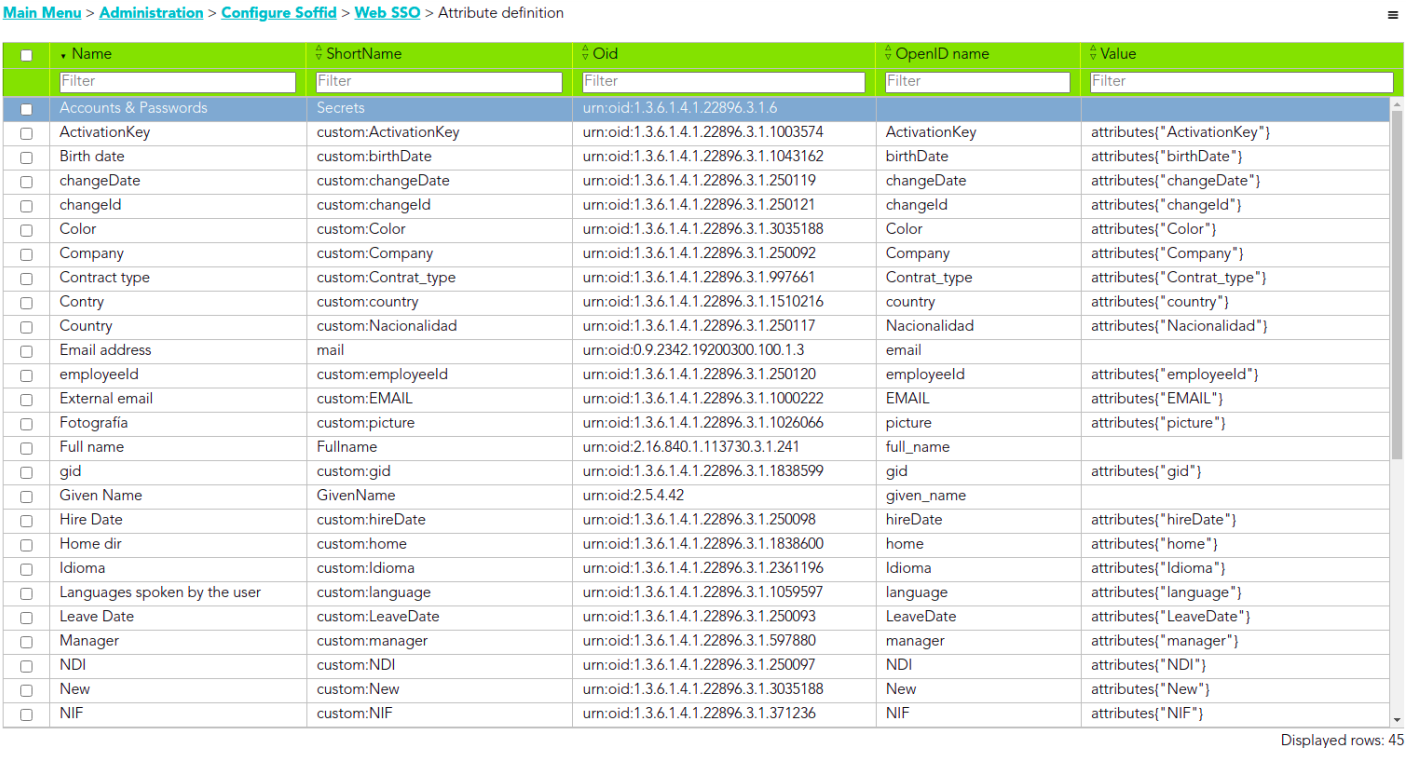
# Attribute definition

## Description

The attribute definition page displays all the **auto-generated user attributes**. Those attributes will be the attributes to deliver from the identity providers to the service providers depending on the defined rules.

Soffid has a default implementation for common attributes like FullName or uid, but you can modify it by creating a custom script.

## Screen overview




| Name | ShortName | Oid | OpenID name | Value |
|---|---|---|---|---|
| Filter | Filter | Filter | Filter | Filter |
| Accounts & Passwords | Secrets | urn:oid:1.3.6.1.4.1.22896.3.1.6 | | |
| ActivationKey | custom:ActivationKey | urn:oid:1.3.6.1.4.1.22896.3.1.1003574 | ActivationKey | attributes{"ActivationKey"} |
| Birth date | custom:birthDate | urn:oid:1.3.6.1.4.1.22896.3.1.1043162 | birthDate | attributes{"birthDate"} |
| changeDate | custom:changeDate | urn:oid:1.3.6.1.4.1.22896.3.1.250119 | changeDate | attributes{"changeDate"} |
| changeId | custom:changeId | urn:oid:1.3.6.1.4.1.22896.3.1.250121 | changeId | attributes{"changeId"} |
| Color | custom:Color | urn:oid:1.3.6.1.4.1.22896.3.1.3035188 | Color | attributes{"Color"} |
| Company | custom:Company | urn:oid:1.3.6.1.4.1.22896.3.1.250092 | Company | attributes{"Company"} |
| Contract type | custom:Contrat_type | urn:oid:1.3.6.1.4.1.22896.3.1.997661 | Contrat_type | attributes{"Contrat_type"} |
| Contry | custom:country | urn:oid:1.3.6.1.4.1.22896.3.1.1510216 | country | attributes{"country"} |
| Country | custom:Nacionalidad | urn:oid:1.3.6.1.4.1.22896.3.1.250117 | Nacionalidad | attributes{"Nacionalidad"} |
| Email address | mail | urn:oid:0.9.2342.19200300.100.1.3 | email | |
| employeeId | custom:employeeId | urn:oid:1.3.6.1.4.1.22896.3.1.250120 | employeeId | attributes{"employeeId"} |
| External email | custom:EMAIL | urn:oid:1.3.6.1.4.1.22896.3.1.1000222 | EMAIL | attributes{"EMAIL"} |
| Fotografía | custom:picture | urn:oid:1.3.6.1.4.1.22896.3.1.1026066 | picture | attributes{"picture"} |
| Full name | Fullname | urn:oid:2.16.840.1.113730.3.1.241 | full_name | |
| gid | custom:gid | urn:oid:1.3.6.1.4.1.22896.3.1.1838599 | gid | attributes{"gid"} |
| Given Name | GivenName | urn:oid:2.5.4.42 | given_name | |
| Hire Date | custom:hireDate | urn:oid:1.3.6.1.4.1.22896.3.1.250098 | hireDate | attributes{"hireDate"} |
| Home dir | custom:home | urn:oid:1.3.6.1.4.1.22896.3.1.1838600 | home | attributes{"home"} |
| Idioma | custom:Idioma | urn:oid:1.3.6.1.4.1.22896.3.1.2361196 | Idioma | attributes{"Idioma"} |
| Languages spoken by the user | custom:language | urn:oid:1.3.6.1.4.1.22896.3.1.1059597 | language | attributes{"language"} |
| Leave Date | custom:LeaveDate | urn:oid:1.3.6.1.4.1.22896.3.1.250093 | LeaveDate | attributes{"LeaveDate"} |
| Manager | custom:manager | urn:oid:1.3.6.1.4.1.22896.3.1.597880 | manager | attributes{"manager"} |
| NDI | custom:NDI | urn:oid:1.3.6.1.4.1.22896.3.1.250097 | NDI | attributes{"NDI"} |
| New | custom:New | urn:oid:1.3.6.1.4.1.22896.3.1.3035188 | New | attributes{"New"} |
| NIF | custom:NIF | urn:oid:1.3.6.1.4.1.22896.3.1.371236 | NIF | attributes{"NIF"} |

Displayed rows: 45

## Custom attributes

- **Name**: a descriptive name.

- **ShortName**: short name to be used by SAML 2 service providers (without blanks).
- **Oid**: OID to be used by SAML 1 and SAML 2 service providers.
- **OpenID name**: OpenID name to be used by OAuth and OpenID connect service provider.
- **Radius ID**: Radius ID name.
- **Value**: an attribute value. Allows you to define a BeanShell script to determine the value of the attribute.

# Examples

Soffid IdP has a default implementation for common attributes like FullName or uid, but you can modify it by creating a custom script. You can use the custom script to define the value of an attribute.

Examples to define the value of an attribute.

## Example 1

Return full name in upper case:

```
return fullName.toUpperCase();
```

## Example 2

Send one value if an attribute is blank. Otherwise, its value:

```
return
    attributes{"company"} == null ||
    attributes{"company"}.isEmpty() ?
        "Soffid" :
        attributes{"company"}
```

## Example 3

Use serverService to fech the OU attribute of the account owned by the user in the Active Directory (AD) system:

```
for (account: serverService.getUserAccounts(id, "ad")) {
    return account{"attributes"}{"ou"};
}
return null;
```

# Actions

## Attribute definition query

| | |
|---|---|
| **Add new** | Allows you to add a new attribute definition in the system. You can choose that option on the hamburger menu or clicking the add button (+).<br>To add a new it is necessary to fill in the required fields. |
| **Delete** | Allows you to remove one or more Attribute definitions by selecting one or more records and next clicking the button with the subtraction symbol (-).<br>To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation. |
| **Import** | Allows you to upload a CSV file with the attribute definition to add or update attribute definition to Soffid.<br>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. |
| **Download CSV file** | Allows you to download a CSV file with the basic information of all attribute definitions. |

## Attribute definition detail

| | |
|---|---|
| **Delete** | Allows you to save the data of a new Attribute definition or to update the data of a specific Attribute definition. To save the data it will be mandatory to fill in the required fields. |
| **Save** | Allows you to download a csv file with the basic information of the Attribute definition. |

Revision #18
Created 7 September 2021 07:00:18
Updated 16 January 2025 10:17:33