

# Application scripts

- Most of Trustelem applications allow to set up a script in order to change the default behavior.
- With this script, it is possible to change the SAML or OpenID Connect attributes sent to an application.
- The language used is TypeScript.

## Add a script

- Edit your app
- Click on **Custom claims** for OpenID Connect / **Custom scripting** for SAML
- Enter your script

Settings for **My App**

Attributes List

displayname,uid

List of attributes to be embedded in SAML responses, separated by commas.  
Available attributes: email, uid, firstname, lastname, displayname, organization. Use <attrName>:: to change attribute name, e.g. givenname::firstname and use quotes around constant attributes, e.g. constAttr::"a constant"

RelayState (target URL)

Custom login URL

URL to start the SAML login process (not mandatory ; use '-' to hide this application from the dashboard)

Custom scripting

Script that allows to customize the SAML response message

Script

API

```
function CustomSAMLResponse(msg: SAMLResponse, user: User, groups: Groups, deny: Deny) {  
    //read AD groups  
    const member = user.getAttrValues("memberOf");  
    //Send AD groups to the app, using the attribute MemberOf  
    for (let g of member as string[]) {  
        msg.addAttr("MemberOf", g);  
    }  
}
```

Versions (9) ▲

Display setup instructions

Save

Cancel

Some examples for SAML applications

### Add a constant attribute

```
msg.setAttr("attribute", "value");
```

### Add an attribute containing Trustelem groups

```
for(let g in groups){  
    msg.addAttr("Groups", g);  
}
```

### Change the user email

```
if (user.email == 'john.doe@contoso.fr') {  
    msg.setAttr("email", "isabelle.doe@contoso.fr");  
}
```

## Some examples for OpenID Connect applications

### Add a constant attribute

```
claims["attribute"] = "value";
```

### Send a user attribute

```
claims["Profile"] = user.getAttr("profile");
```

### Add an attribute containing Trustelem groups

```
claims["Groups"] = JSON.stringify(groups);
```

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