

SP manual on how to integrate SimpleSAMLphp in your PHP application

1. Register your SimpleSAMLphp classes

All classes that you need can be read in with SimpleSAMLphp autoloader:

```
require_once('../..../lib/_autoload.php');
```

Do not forget to define the installation directory.

2. Authentication source

Select the authentication source that SimpleSAMLphp should use:

```
$auth = new SimpleSAML_Auth_Simple('default-sp');
```

Replace *default-sp* with the name that is defined in *authsources.php*.

3. Authentication

You use the following function to call authentication and you should add this to all pages that should not be accessible without authentication.

```
$auth->requireAuth();
```

In TAAT the communication with IdPs passes through hubs and as a result this directs you first to the choice of a hub, not the IdP. In order to avoid that, you should use the below additional parameter:

```
$auth->requireAuth(array('saml:idp' => 'entity_id',));
```

Entity_id is that of the hub that you are currently connecting to. In the case of a test hub, this is <https://reos.taatee.edu.ee/saml2/idp/metadata.php>

4. Attributes

You can use the following function to retrieve the attributes that you received:

```
$attributes = $auth->getAttributes();
```

For retrieving only certain attributes (e.g. display name):

```
$name = $attrs['displayName'][0];
```

5. Logging out

```
$auth->logout('url');
```

url denotes the link you want to forward the user to after they have logged out. Since logging out is performed in the hub you should use full URLs (http://...)