

Local Testing (Mule)

This project ships with some development tools to help with automated testing and troubleshooting.

Automated testing setup

Running the project testbed locally is a very quick, two-step setup: 1. Edit `base_url` in `behat.yml` to reflect your local URL. 1. Run `./bin/grumphp run` to manually run the tests.

Testing SSO Locally

1. Add the appropriate config settings for nginx or apache (see below).
2. Visit `<local_domain>/simplesaml` and attempt to login as admin.

Nginx: (this specific example works for Laravel Valet) `location /simplesaml { alias PATH_TO/vendor/simplesamlphp/simplesamlphp/www; location ~ /\.php(/|$) { fastcgi_split_path_info ^(.+?\.php)(/.+)$; fastcgi_param PATH_INFO $fastcgi_path_info; fastcgi_pass unix:/Users/YOUR_USER/.valet/valet.sock; fastcgi_index index.php; include fastcgi_params; } }`

Apache: (this specific example was lifted from [the SimpleSAMLphp docs](#))

```
<VirtualHost *> ServerName example.dev DocumentRoot /PATH_TO/web

SetEnv SIMPLESAMPLPHP_CONFIG_DIR /PATH_TO/vendor/simplesamlphp/simplesamlphp/config

Alias /simplesaml /PATH_TO/vendor/simplesamlphp/simplesamlphp/www

<Directory /PATH_TO/vendor/simplesamlphp/simplesamlphp/www>
  <IfModule !mod_authz_core.c>
    # For Apache 2.2:
    Order allow,deny
    Allow from all
  </IfModule>
  <IfModule mod_authz_core.c>
    # For Apache 2.4:
    Require all granted
  </IfModule>
</Directory>

</VirtualHost>
```