Session Project

Wiring of the session and the flash messages of Mezzio for Symfony dependency injection, set by environment variables

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Derafu: Session



The wiring of the session and of the flash messages of Mezzio, with the session of PHP, for applications that use `symfony/dependency-injection`. It has no PHP code: it is a configuration file with the middlewares and the environment variables that configure the cookie.

`derafu/foundation` imports it, so a site does not do anything else. `derafu/http` reads the session and the flash messages of the request (`$request->session()` and `$request->flash()`), `derafu/csrf` keeps its tokens in the session, and `derafu/auth` keeps the user in it; this package is what puts them there.

Install

```
composer require derafu/session
```

Import the services and put the middlewares in the pipeline, after the router and before whatever uses the session:

```
imports:
    - { resource: '../vendor/derafu/session/resources/config/session-services.yaml' }

services:
    Psr\Http\Server\RequestHandlerInterface:
        class: Derafu\Http\Service\RequestHandler
        arguments:
            $middlewares:
                - '@Derafu\Http\Middleware\RouterMiddleware'
                - '@Mezzio\Session\SessionMiddleware'
                - '@Mezzio\Flash\FlashMessageMiddleware'
                # ...
```

Variables

The session is the one of PHP, and its cookie is secure by default:

Variable	Type	Default	Description
`SESSION_NAME`	string	`DERAFU_SESSION`	Name of the cookie.
`SESSION_LIFETIME_SECONDS`	int	`3600`	Seconds of life of the cookie.
`SESSION_COOKIE_PATH`	string	`/`	Path of the cookie.
`SESSION_COOKIE_DOMAIN`	string	empty	Domain of the cookie: empty is the host that set it, without its subdomains.
`SESSION_COOKIE_SECURE`	bool	`true`	The cookie is sent only by HTTPS. In development over HTTP set it to `false`.
`SESSION_COOKIE_HTTP_ONLY`	bool	`true`	The cookie is not readable by JavaScript.
`SESSION_COOKIE_SAMESITE`	string	`Lax`	`SameSite` of the cookie: `Lax` keeps it from going in a POST from another site.
`SESSION_CACHE_LIMITER`	string	`nocache`	Cache limiter of PHP.
`SESSION_CACHE_EXPIRE_MINUTES`	int	`180`	Cache expire of PHP, in minutes.

The defaults are declared as strings, which is what Symfony asks of the default of an environment variable.

What a request does

The session of a visitor is created when something is written in it, and not before: a visitor that only reads pages that do not use the session does not get a cookie. A session that did not change does not set the cookie again.

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