



# File Structure

Faith FM Laravel + Auth0 (AuthN + AuthZ)

## Group Colour Key

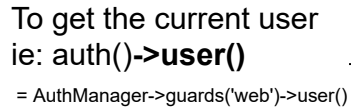
Laravel/Illuminate
Auth0 Laravel library
Auth0 PHP SDK library
Faith FM pattern (cloned)
Faith FM pattern (templated)
Faith FM pattern (core library)

### by Major Group

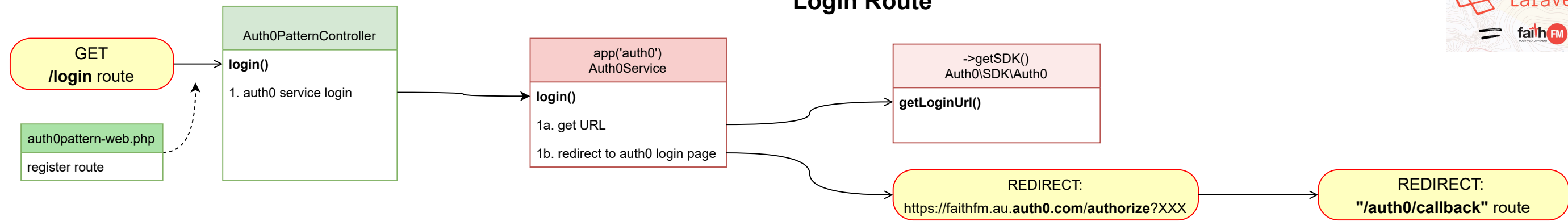
Class File	Group	Functional Area
routes/auth0pattern-web.php	Faith FM pattern (core library)	Routes & controllers
FaithFM/Auth0Pattern/Auth0PatternController.php	Faith FM pattern (cloned)	Routes & controllers
App/Models/User.php	Faith FM pattern (cloned)	User provider + driver + repository + model
config/auth.php	Faith FM pattern (cloned)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternUserRepository.php	Faith FM pattern (core library)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternUserModelTrait.php	Faith FM pattern (core library)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternServiceProvider.php	Faith FM pattern (core library)	User provider + driver + repository + model
FaithFM/Auth0Pattern/SessionServiceProvider.php	Faith FM pattern (core library)	Session file prevention (for API token auth)
FaithFM/Auth0Pattern/Http/Middleware/StartSession.php	Faith FM pattern (core library)	Session file prevention (for API token auth)
database/migrations/2021_05_31_010233_create_user_permissions.php	Faith FM pattern (core library)	(other)
App/Repositories/AuthPermissionList.php	Faith FM pattern (templated)	User permissions (Gates / Authorization / AuthZ)
App/Models/UserPermission.php	Faith FM pattern (cloned)	User permissions (Gates / Authorization / AuthZ)
resources/js/LaravelUserPermissions.js	Faith FM pattern (cloned)	User permissions (Gates / Authorization / AuthZ)
Illuminate/Auth/AuthManager.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
Illuminate/Auth/TokenGuard.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
Illuminate/Auth/SessionGuard.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
Illuminate/Session/Store.php (Session)	Laravel/Illuminate	(other)
(Auth0)/controllers/Auth0Controller.php	Auth0 Laravel library	Routes & controllers
Auth0/Login/Repository/Auth0UserRepository.php	Auth0 Laravel library	User provider + driver + repository + model
Auth0/Login/Auth0UserProvider.php	Auth0 Laravel library	User provider + driver + repository + model
Auth0/Login/Auth0Service.php	Auth0 Laravel library	Auth0 Service + SDK
config/laravel-auth0.php	Auth0 Laravel library (templated)	Auth0 Service + SDK
auth0-php(SDK)/Auth0.php	Auth0 PHP SDK library	Auth0 Service + SDK
auth0-php(SDK)/API/Authentication.php	Auth0 PHP SDK library	Auth0 Service + SDK
Auth0/Login/LoginServiceProvider.php	Auth0 Laravel library	(other)

### by Functional Area

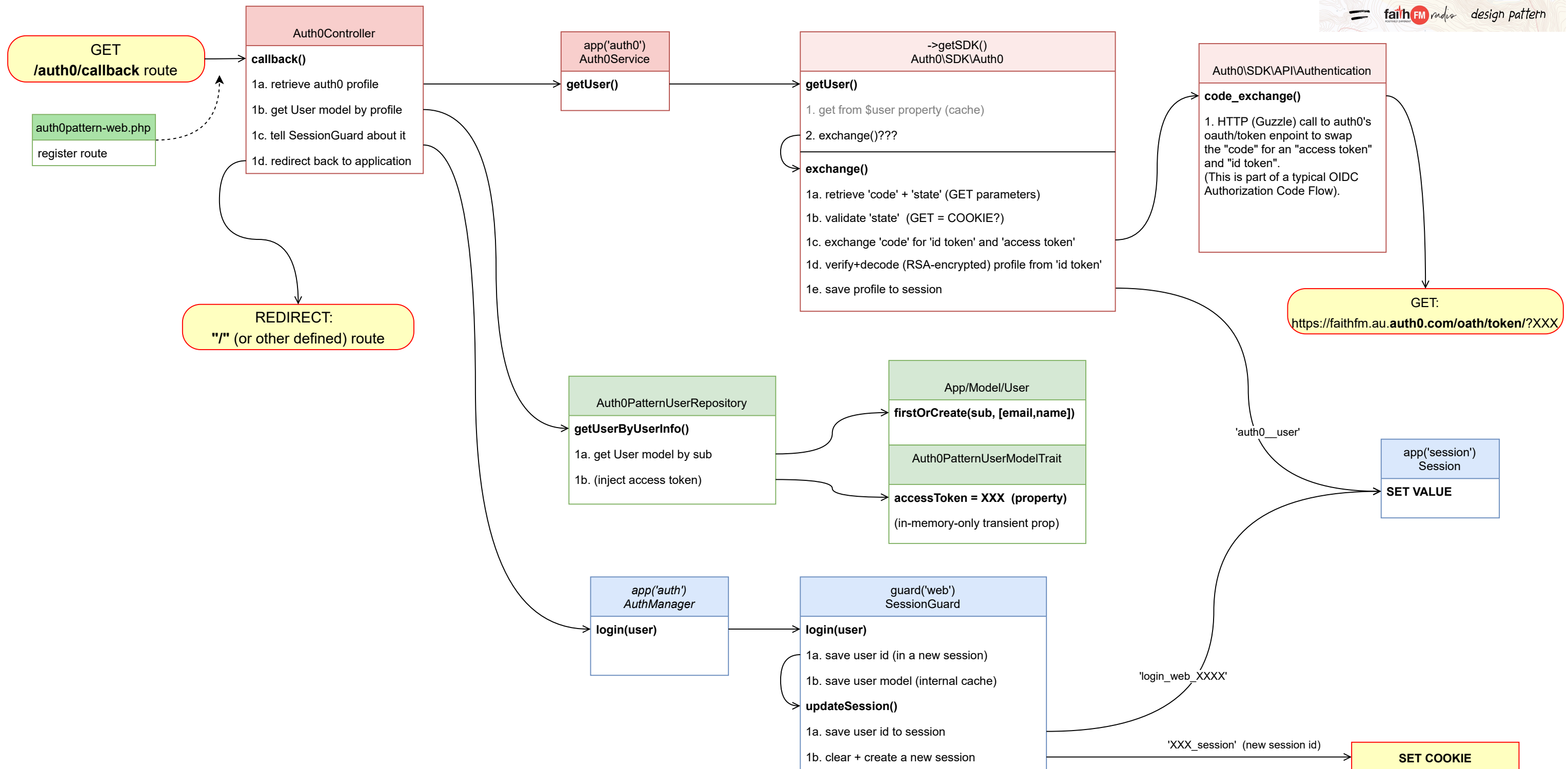
Class File	Group	Functional Area
routes/auth0pattern-web.php	Faith FM pattern (core library)	Routes & controllers
FaithFM/Auth0Pattern/Auth0PatternController.php	Faith FM pattern (cloned)	Routes & controllers
(Auth0)/controllers/Auth0Controller.php	Auth0 Laravel library	Routes & controllers
App/Models/User.php	Faith FM pattern (cloned)	User provider + driver + repository + model
config/auth.php	Faith FM pattern (cloned)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternUserRepository.php	Faith FM pattern (core library)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternUserModelTrait.php	Faith FM pattern (core library)	User provider + driver + repository + model
FaithFM/Auth0Pattern/Auth0PatternServiceProvider.php	Faith FM pattern (core library)	User provider + driver + repository + model
Auth0/Login/Repository/Auth0UserRepository.php	Auth0 Laravel library	User provider + driver + repository + model
Auth0/Login/Auth0UserProvider.php	Auth0 Laravel library	User provider + driver + repository + model
Auth0/Login/Auth0Service.php	Auth0 Laravel library	Auth0 Service + SDK
config/laravel-auth0.php	Auth0 Laravel library (templated)	Auth0 Service + SDK
auth0-php(SDK)/Auth0.php	Auth0 PHP SDK library	Auth0 Service + SDK
auth0-php(SDK)/API/Authentication.php	Auth0 PHP SDK library	Auth0 Service + SDK
Illuminate/Auth/AuthManager.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
Illuminate/Auth/TokenGuard.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
Illuminate/Auth/SessionGuard.php	Laravel/Illuminate	Laravel AuthManager instance + guards (name & driver)
App/Repositories/AuthPermissionList.php	Faith FM pattern (templated)	User permissions (Gates / Authorization / AuthZ)
App/Models/UserPermission.php	Faith FM pattern (cloned)	User permissions (Gates / Authorization / AuthZ)
resources/js/LaravelUserPermissions.js	Faith FM pattern (cloned)	User permissions (Gates / Authorization / AuthZ)
FaithFM/Auth0Pattern/SessionServiceProvider.php	Faith FM pattern (core library)	Session file prevention (for API token auth)
FaithFM/Auth0Pattern/Http/Middleware/StartSession.php	Faith FM pattern (core library)	Session file prevention (for API token auth)
database/migrations/2021_05_31_010233_create_user_permissions.php	Faith FM pattern (core library)	(other)
Illuminate/Session/Store.php (Session)	Laravel/Illuminate	(other)
Auth0/Login/LoginServiceProvider.php	Auth0 Laravel library	(other)



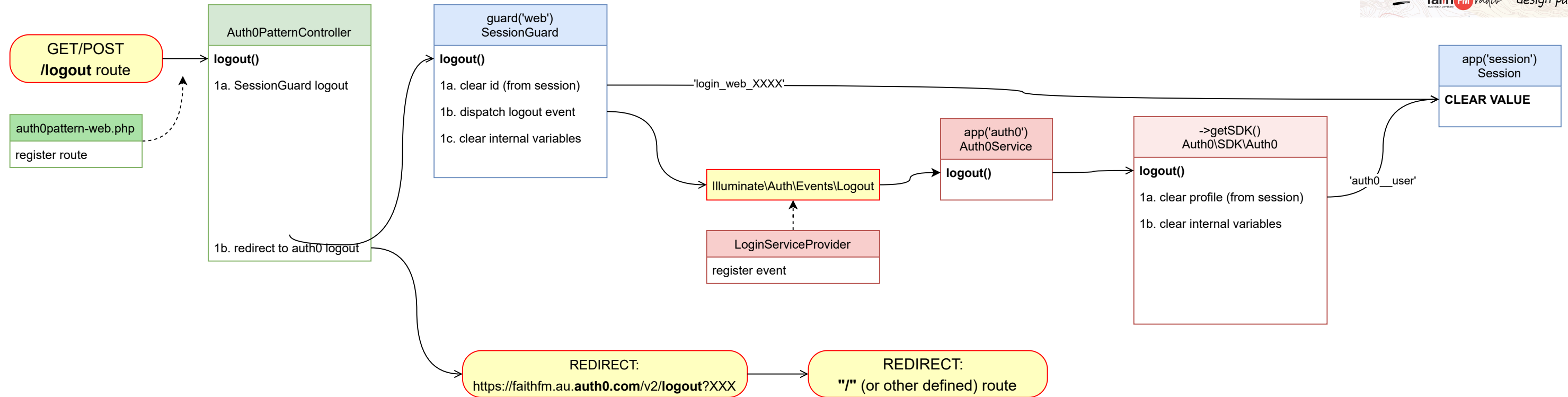
## Login Route



## Auth0 Callback Route



## Logout Route

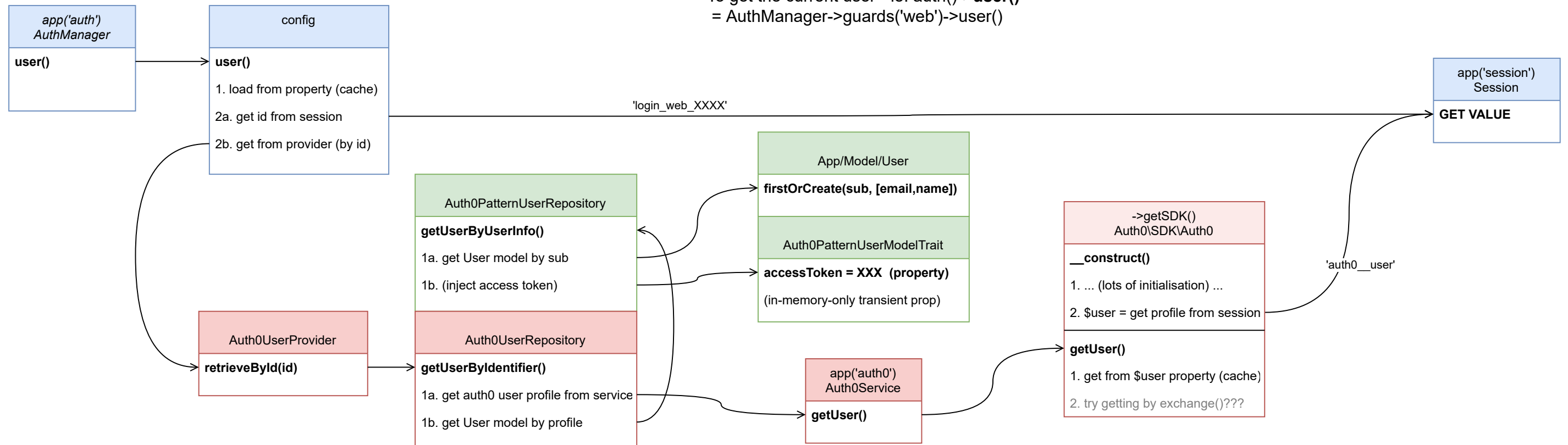


## Retrieving a User

Faith FM Laravel + Auth0 'web' guard



To get the current user - ie: `auth()->user()`  
= `AuthManager->guards('web')->user()`



# Class Structure Summary

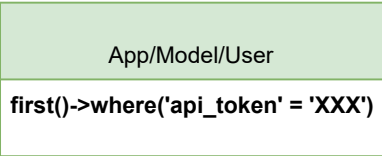
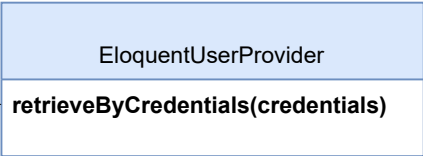
## Laravel's 'api' guard (token-based)



To get the current user  
= AuthManager->guards('api')->user()



```
$credentials => [  
    'api_token' => 'XXX',  
]
```



FROM: GET params ['api\_token']  
OR form input?? ['api\_token']  
OR bearer token  
OR simple password

retr

```
'guards' => [  
    'api' => [  
        'driver' => 'token',  
        ...  
        'input_key' => 'my_api_token',  
        'storage_key' => 'my_api_token',  
    ],  
]
```