Patterns in kernel/classes/user

Every class, view, fetch function, operator and plugin point of kernel/classes/user with its design patterns.

Source file: doc/eng-us/standards/patterns/area-kernel-classes-user.md Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/standards/patterns/area-kernel-classes-user.md

> **Note**
>
> This page is generated from the source code by `php bin/php/exppatterncatalogue.php --write`. Do not edit it by hand: change the code or the generator, then run the command again. How the patterns are recognized: the pattern catalogue.

Every class, interface and trait of `kernel/classes/user` with the patterns it was recognized as, followed by the module views, policy functions, fetch functions, template operators, cronjobs, event hooks and INI plugin points of the area. All patterns.

Classes (14)

Class	Kind	Patterns	File	Description
expPasswordChangeRequired	class	Utility (static helper)	kernel/classes/user/exppasswordchangerequired.php:35	"Change password at next sign-in": an administrator marks an account, and after its next sign-in the user is sent to the password change form (user/p...
expRegistrationAdminAction	class	Factory and static factory methods, Utility (static helper)	kernel/classes/user/expregistrationadminaction.php:23	The signed links of the administrator's "New user registered" mail (design:user/registrationfeedback.tpl) and the actions behind them (user/registrat...
expSignInSecondFactor	class	Utility (static helper)	kernel/classes/user/expsigninsecondfactor.php:37	The second step of signing in on the paths that do not go through the web login form: the REST interface with a password (ezpRestBasicAuthStyle), Web...
expSignInSecondFactorHandler	interface	Interface (contract), Strategy / handler	kernel/classes/user/expsigninsecondfactorhandler.php:18	What a two-step sign-in extension tells the kernel about sign-ins outside the web login form (REST with a password, WebDAV, SOAP, the expservices log...

Class	Kind	Patterns	File	Description
expUnactivatedUsers	class	Factory and static factory methods, Utility (static helper)	kernel/classes/user/expunactivatedusers.php:22	The users who registered and never activated their account, for the page user/unactivated: how many there are, a page of them searched by login, e-ma...
expUserAccountOverview	class	Factory and static factory methods	kernel/classes/user/expuseraccountoverview.php:22	The account page of a user (user/edit, user/edit/), described for a person: who the account is (name, login, e-mail, groups, roles), its state (enabl...
expUserAccountStatus	class	Utility (static helper)	kernel/classes/user/expuseraccountstatus.php:21	The account status the administration marks on user objects: enabled, disabled (Setup › Users, ezuser_setting.is_enabled = 0) or locked (more failed...
expUserActivation	class	Utility (static helper)	kernel/classes/user/expuseractivation.php:25	What follows the enabling of an account, for user/activate (the link the user clicks) and the Activate button of user/unactivated.
expUserAgent	class	Utility (static helper)	kernel/classes/user/expuseragent.php:30	What a person reads about a signed-in session (user/sessions): the browser, the operating system and the kind of device a User-Agent header names, an...
expUserApproval	class	Utility (static helper)	kernel/classes/user/expuserapproval.php:30	Approval of new accounts in chosen user groups (doc/eng-us/bc/6.0/user-account-approval.md) : the workflow event "Approve user accounts" (expUserAppro...

Class	Kind	Patterns	File	Description
expUserDeactivation	class	Factory and static factory methods, Utility (static helper)	kernel/classes/user/expuserdeactivation.php:36	"Deactivate and move" and "Reactivate and move back": instead of removing a user account (users never go to the trash, so removing one cannot be undo...
expUserHygiene	class	Factory and static factory methods	kernel/classes/user/expuserhygiene.php:31	The accounts the page user/hygiene ("Check user accounts") lists: every user account, or those below a user group, narrowed by one filter (never sign...
expUserSession	class extends eZPersistentObject	Active Record (eZPersistentObject)	kernel/classes/user/expusersession.php:22	One sign-in of a user (table expuser_session): when it started and was last used, from where (the address as the request gave it), with what (the Use...
expUserSessionTracker	class	Factory and static factory methods, Utility (static helper)	kernel/classes/user/expusersessiontracker.php:44	The signed-in sessions of a user ("Your devices", user/sessions): every sign-in gets a row in expuser_session (expUserSession), the user sees where t...

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