Patterns in kernel/classes/mailpreferences

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

Source file: `doc/eng-us/standards/patterns/area-kernel-classes-mailpreferences.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/standards/patterns/area-kernel-classes-mailpreferences.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/mailpreferences` 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 (18)

Class	Kind	Patterns	File	Description
`expConsentContext`	class	Factory and static factory methods	`kernel/classes/mailpreferences/expconsentcontext.php:19`	Where a change of a preference comes from, as the consent log records it: the source (page, link, admin, import, signup, bridge, confirm, system), th...
`expConsentLog`	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods	`kernel/classes/mailpreferences/expconsentlog.php:22`	The consent log (table expmail_consent_log): one row per change of a person's e-mail preferences, with the time, the category, the action (on, off, p...
`expMailAddressChange`	class	Utility (static helper)	`kernel/classes/mailpreferences/expmailaddresschange.php:20`	A new e-mail address for an account takes effect only once it is confirmed (double opt-in, mailpreferences.ini [EmailChangeSettings] Confirm=enabled,...

Class	Kind	Patterns	File	Description
expMailBounceReader	class	Utility (static helper)	kernel/classes/mailpreferences/expmailbouncereader.php:36	Reads the mailbox that bounces and complaints arrive in (mailpreferences.ini [BounceSettings], set in settings/override/mailpreferences.ini.append.ph...
expMailCategory	class	–	kernel/classes/mailpreferences/expmailcategory.php:18	One category of e-mail (content notifications, newsletters, account security, ...): a value object.
expMailCategoryHandler	interface	Interface (contract), Strategy / handler	kernel/classes/mailpreferences/expmailcategoryhandler.php:26	The optional PHP class of a category ([Category_] HandlerClass): it reads data that existed before the preference system (subtree notifications, dige...
expMailCategoryRegistry	class	Registry, Singleton / instance()	kernel/classes/mailpreferences/expmailcategoryregistry.php:26	All categories of e-mail, in the order the preference page shows them:
expMailCategoryRow	class extends eZPersistentObject	Active Record (eZPersistentObject), Utility (static helper)	kernel/classes/mailpreferences/expmailcategoryrow.php:15	A category made or changed in the admin's category manager (table expmail_category).
expMailGate	class	Utility (static helper)	kernel/classes/mailpreferences/expmailgate.php:34	The central mail gate.
expMailPendingRow	class extends eZPersistentObject	Active Record (eZPersistentObject)	kernel/classes/mailpreferences/expmailpendingrow.php:14	A double opt-in waiting for its confirmation (table expmail_pending): kind 'category' (a newsletter or marketing category switched on), 'email_change...
expMailPreferenceRow	class extends eZPersistentObject	Active Record (eZPersistentObject), Utility (static helper)	kernel/classes/mailpreferences/expmailpreferencerow.php:14	One stored preference (table expmail_preference): a recipient (recipient_key 'u:' or 'a:'), a category, its state (on, off, pending) and frequency.

Class	Kind	Patterns	File	Description
expMailPreferences	class	Factory and static factory methods	kernel/classes/mailpreferences/expmailpreferences.php:28	The e-mail preferences of one person (expMailRecipient): the master switch "all optional mail", the state of each category (on, off, or pending while...
expMailPreferencesService	class	Facade / service, INI plugin point (extension point), Utility (static helper)	kernel/classes/mailpreferences/expmailpreferencesservice.php:18	The flows around the preferences: the double opt-in mail and its confirmation, the one-click unsubscribe, "send me a link" for people without login,...
expMailRecipient	class	Factory and static factory methods	kernel/classes/mailpreferences/expmailrecipient.php:23	Identifies the person whose preferences are meant: a user account, or an e-mail address without account.
expMailSecret	class	Utility (static helper)	kernel/classes/mailpreferences/expmailsecret.php:20	The site secret of the e-mail preference system: the key of the links in mail (expMailToken) and the salt of the address hashes (expMailSuppression,...
expMailSenderDetails	class	Utility (static helper)	kernel/classes/mailpreferences/expmailsenderdetails.php:27	Who sends the optional mail: the organisation name and the postal address the mail gate puts in the footer of every optional mail (CAN-SPAM, CASL and...
expMailSuppression	class extends eZPersistentObject	Active Record (eZPersistentObject), Factory and static factory methods, Utility (static helper)	kernel/classes/mailpreferences/expmailsuppression.php:22	The suppression list (table expmail_suppression): addresses no optional mail goes to (hard bounces, complaints, "unsubscribe from all", legal request...
expMailToken	class	Factory and static factory methods, Utility (static helper)	kernel/classes/mailpreferences/expmailtoken.php:24	The links in mail that work without login: unsubscribe (one click, RFC 8058), manage (the preference page) and confirm (a double opt-in).

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