Patterns in kernel/private/classes/requestrules

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

Source file: `doc/eng-us/standards/patterns/area-kernel-private-classes-requestrules.md` Last changed 2026-11-04
https://doc.exponential.earth/exphelp/viewer/standards/patterns/area-kernel-private-classes-requestrules.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/private/classes/requestrules` 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 (44)

Class	Kind	Patterns	File	Description
`ezpRequestActionAllow`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:16`	allow: the request runs as usual; no later rule is asked.
`ezpRequestActionForbidden`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:34`	forbidden: the "access denied" page, HTTP 403 -- the same page a missing policy gives.
`ezpRequestActionLog`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:120`	log: writes a line to var/log/requestrules.log and lets the next rule decide.
`ezpRequestActionLogin`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:47`	login: an anonymous visitor is sent to user/login and back to the page after signing in.
`ezpRequestActionNotFound`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:25`	notfound: the "not found" page, HTTP 404.
`ezpRequestActionRedirect`	class implements ezpRequestRuleAction	–	`kernel/private/classes/requestrules/ezprequestruleactions.php:68`	redirect: HTTP redirect.

Class	Kind	Patterns	File	Description
ezpRequestActionRedirectToAlias	class implements ezpRequestRuleAction	–	kernel/private/classes/requestrules/ezprequestruleactions.php:86	redirect_to_alias: HTTP redirect to the URL alias of the node shown, with the view's user parameters ((offset)/10); the query string is kept by the k...
ezpRequestActionRewrite	class implements ezpRequestRuleAction	–	kernel/private/classes/requestrules/ezprequestruleactions.php:106	rewrite: the kernel runs another URI instead, without a redirect; the visitor keeps the address they typed.
ezpRequestConditionClass	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:112	class: the content class identifier of the node shown: Conditions[class]=article,blog_post
ezpRequestConditionFact	class extends ezpRequestFactCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:200	fact:: any fact, including the ones an extension defines: Conditions[fact:customer_tier]=gold
ezpRequestConditionGroup	class extends ezpRequestFactCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:154	group: a user group (content object id) the user belongs to: Conditions[group]=12,13
ezpRequestConditionHeader	class extends ezpRequestFactCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:190	header:: a request header, shell patterns; "*" means "sent at all": Conditions[header:X-Requested-With]=XMLHttpRequest
ezpRequestConditionHost	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:184	host: the host name the visitor used, shell patterns: *.example.com
ezpRequestConditionIp	class implements ezpRequestRuleCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:213	ip: the client address is one of these addresses or networks, IPv4 or IPv6, CIDR: Conditions[ip]=10.0.0.0/8,192.168.1.20,2001:db8::/32
ezpRequestConditionMethod	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:178	method: the HTTP method: GET, POST, HEAD

Class	Kind	Patterns	File	Description
ezpRequestConditionModule	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:80	module: the module that runs, after URL translation: content, user, shop
ezpRequestConditionModuleView	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:83	module_view: module/view, shell patterns: content/view, content/*, user/login
ezpRequestConditionNode	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:106	node: the node shown, by id: Conditions[node]=2,43
ezpRequestConditionParam	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:96	param:: a view parameter by its name in module.php: Conditions[param:NodeID]=2,43
ezpRequestConditionPolicy	class implements ezpRequestRuleCondition, ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:160	policy: the user has access to any of these policy functions, module/function: Conditions[policy]=!content/view_system_url.
ezpRequestConditionRequestedVia	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:71	requested_via: how the visitor reached the page -- system, alias, wildcard or index.
ezpRequestConditionResolvedUri	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:77	resolved_uri: the system address the kernel runs, shell patterns: content/view/full/*
ezpRequestConditionRole	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:151	role: the name of a role assigned to the user, directly or through a group: Conditions[role]=Editor
ezpRequestConditionScheme	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:181	scheme: http or https
ezpRequestConditionSection	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:115	section: the section of the node shown, by id or identifier: Conditions[section]=standard,6

Class	Kind	Patterns	File	Description
ezpRequestConditionSiteAccess	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:175	siteaccess: the current siteaccess name: Conditions[siteaccess]=site,bold
ezpRequestConditionState	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:127	state: an object state of the node shown, group/state identifiers: Conditions[state]=ez_lock/locked
ezpRequestConditionSubtree	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:109	subtree: the node shown is one of these nodes or below them: Conditions[subtree]=864
ezpRequestConditionUri	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:74	uri: the address as typed (without siteaccess, leading slash or query), shell patterns: content/view/*, Fit-Healthy/*
ezpRequestConditionUser	class implements ezpRequestRuleCondition, ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:130	user: anonymous or logged_in
ezpRequestConditionUserId	class extends ezpRequestFactCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:145	user_id: the current user's content object id
ezpRequestConditionUserLogin	class extends ezpRequestFactCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:148	user_login: the current user's login, shell patterns
ezpRequestConditionViewMode	class extends ezpRequestFactCondition implements ezpRequestRuleStableCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:93	view_mode: the ViewMode parameter of content/view: full, line, embed
ezpRequestContext	class	–	kernel/private/classes/requestrules/ezprequestcontext.php:26	What is known about one request when the request rules decide on it: a set of named facts.
ezpRequestFactCondition	class implements ezpRequestRuleCondition	–	kernel/private/classes/requestrules/ezprequestruleconditions.php:21	Base for the conditions that compare one fact with the values: the fact matches when it equals any value (case-insensitive), or, when the fact is a l…

Class	Kind	Patterns	File	Description
ezpRequestFactProvider	interface	Interface (contract), Strategy / handler	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:90	Adds facts to every request's context before the rules run.
ezpRequestRule	class	Factory and static factory methods	kernel/private/classes/requestrules/ezprequestrule.php:33	One request rule: when every condition matches, the action decides.
ezpRequestRuleAction	interface	Interface (contract)	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:57	An action: what happens when every condition of a rule matches.
ezpRequestRuleCondition	interface	Interface (contract)	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:23	A condition: one test on the facts of a request.
ezpRequestRuleEngine	class	Singleton / instance(), Strategy / handler	kernel/private/classes/requestrules/ezprequestruleengine.php:32	The request rules: an ordered list of rules, each a set of conditions and an action, asked about every module view the kernel is about to run.
ezpRequestRuleKernel	class	Utility (static helper)	kernel/private/classes/requestrules/ezprequestrulekernel.php:18	Where the request rules meet the kernel: the facts of a real request (context()) and the response for a decision (moduleResult()).
ezpRequestRuleProvider	interface	Interface (contract), Strategy / handler	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:76	Adds rules from PHP: an extension whose rules are computed (from a database table, from another INI file) rather than written in requestrules.ini.
ezpRequestRuleResult	class	Factory and static factory methods	kernel/private/classes/requestrules/ezprequestruleresult.php:24	What a rule decided.

Class	Kind	Patterns	File	Description
ezpRequestRuleStableCondition	interface	Interface (contract)	kernel/private/classes/requestrules/ezprequestruleinterfaces.php:46	Marks a condition whose answer is the same for every request that the page caches would answer with one stored page: it reads only what their keys ho…

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