Patterns in kernel/classes/logviewer

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

Source file: `doc/eng-us/standards/patterns/area-kernel-classes-logviewer.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/standards/patterns/area-kernel-classes-logviewer.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/logviewer` 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 (19)

Class	Kind	Patterns	File	Description
`expLogActions`	class	Utility (static helper)	`kernel/classes/logviewer/explogactions.php:13`	The actions of the log viewer besides reading (doc/eng-us/features/6.0/log-viewer.md, "Actions"): download a range, rotate now, empty a file, remove...
`expLogBundle`	class	Factory and static factory methods, Utility (static helper)	`kernel/classes/logviewer/explogbundle.php:17`	"Download all logs" (Setup › Manage logs; doc/eng-us/features/6.0/log-viewer.md, "Downloading every log"): one archive of every log the viewer lists,...
`expLogDigest`	class	–	`kernel/classes/logviewer/explogdigest.php:23`	The error digest of the log viewer (Setup › Log files › Error digest, setup/logsdigest; doc/eng-us/features/6.0/log-viewer.md, "Error digest"): the d...
`expLogFileLocator`	class	–	`kernel/classes/logviewer/explogfilelocator.php:21`	Which log files the viewer may open, and where they are (doc/eng-us/features/6.0/log-viewer.md, "Which files").

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expLogFileStats	class	–	kernel/classes/logviewer/explogfilestats.php:16	The line rate of the navigator: how many lines a minute each log file gains (doc/eng-us/features/6.0/log-viewer.md, "The navigator").
expLogHealth	class	Utility (static helper)	kernel/classes/logviewer/exploghealth.php:17	The health of the logs (Setup › Log files › Health, setup/logshealth; doc/eng-us/features/6.0/log-viewer.md, "Health"): the disk the logs and their a…
expLogManager	class implements expLogManagerInterface	Facade / service, Singleton / instance()	kernel/classes/logviewer/explogmanager.php:27	Log management (doc/eng-us/features/6.0/log-rotation.md): the logs of the installation with their archives, sizes, growth and limits; rotation, pruni…
expLogManagerFactory	class	Factory and static factory methods	kernel/classes/logviewer/explogmanagerfactory.php:12	The log manager the views of the log viewer use (doc/eng-us/features/6.0/log-viewer.md, "Managing logs"): the kernel's service expLogManager when it…
expLogManagerFallback	class implements expLogManagerInterface	–	kernel/classes/logviewer/explogmanagerfallback.php:20	Log management on the log viewer's own classes (expLogManagerInterface; doc/eng-us/features/6.0/log-viewer.md, "Managing logs"), used while the kerne…
expLogManagerInterface	interface	Interface (contract)	kernel/classes/logviewer/explogmanagerinterface.php:19	Log management (doc/eng-us/features/6.0/log-rotation.md, "For developers"): what the command line, the cronjob part "logs" and the log viewer's actio…
expLogParser	class	Utility (static helper)	kernel/classes/logviewer/explogparser.php:25	Reads the lines of a log file as entries (doc/eng-us/features/6.0/log-viewer.md, "The line format").

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expLogPermalink	class	Factory and static factory methods, Utility (static helper)	kernel/classes/logviewer/explogpermalink.php:25	The permalinks of the log viewer (doc/eng-us/features/6.0/log-viewer.md, "Permalinks"): every view of a log as a path without a query string, short e...
expLogRateLimit	class	Factory and static factory methods	kernel/classes/logviewer/explogratelimit.php:16	The request limit of the log viewer's feed, per session ([RateLimitSettings], doc/eng-us/features/6.0/log-viewer.md, "Cost"), and the memory of which...
expLogRedactor	class	Factory and static factory methods	kernel/classes/logviewer/explogredactor.php:16	What the log viewer masks before a line leaves the server (doc/eng-us/features/6.0/log-viewer.md, "Privacy").
expLogSearch	class	–	kernel/classes/logviewer/explogsearch.php:26	Searches log files and their rotations, within limits (doc/eng-us/features/6.0/log-viewer.md, "Searching").
expLogSearchLimitException	class extends RuntimeException	Exception hierarchy	kernel/classes/logviewer/explogsearch.php:502	A regular expression that exceeded pcre.backtrack_limit (or another PCRE limit) on a line.
expLogTail	class	–	kernel/classes/logviewer/explogtail.php:26	Reads what a log file gained since a byte offset (doc/eng-us/features/6.0/log-viewer.md, "Following a file").
expLogViewer	class	Factory and static factory methods	kernel/classes/logviewer/explogviewer.php:16	The log viewer (Setup › Log files, setup/logs; doc/eng-us/features/6.0/log-viewer.md): what its page, its feed and its command line use.

Class	Kind	Patterns	File	Description
`expLogViewerConfig`	class	Factory and static factory methods, Singleton / instance()	`kernel/classes/logviewer/explogviewerconfig.php:11`	The settings of the log viewer (settings/logviewer.ini, doc/eng-us/features/6.0/log-viewer.md, "Settings"), read once per request with safe bounds.

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