exp:explogs

Source file: doc/eng-us/examples/commands/explogs.md Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/examples/commands/explogs.md

The log viewer on the command line: list the log files, follow one, search them and their rotations, find an error reference and the lines of its request (masked by default); rotate logs and prune their archives (dry run unless --apply).

Script `bin/php/explogs.php`, code in `kernel/private/classes/commands/explogs.php`. Run it from the installation root, as the user the web server runs as:

Shell

```
./console exp:explogs --help
./console exp:logs --help
php bin/php/explogs.php --help
```

Help text

```
The log viewer on the command line (read only; e-mail and IP addresses and secrets masked unless
--unmask)

./console exp:logs --list                                    the log files: group, size, time, line
s a minute
./console exp:logs --tail=var/log/error.log --lines=50     the last 50 entries
./console exp:logs --tail=var/log/error.log --follow       follow it (Ctrl-C ends)
./console exp:logs --search=timeout --file=var/log/error.log --rotations --level=error,warning
./console exp:logs --search='/content/view/\d+' --regex --scope=kernel --from='2026-10-17 01:00'
--to='2026-10-17 02:00'
./console exp:logs --reference=ERR-0123456789          where an error page's reference is, and it
s request
./console exp:logs --related=var/log/error.log:123456      the lines of the request of the entry
at that offset

Log management (doc/eng-us/features/6.0/log-rotation.md):
./console exp:logs --archives                              each log with its archives and their s
izes
./console exp:logs --rotate=error,debug --apply            rotate these logs now (keys as in --ar
chives, or ids)
./console exp:logs --rotate-all --apply                    rotate every log that is not empty
./console exp:logs --prune                                 the archives beyond site.ini [FileSett
ings] limits
./console exp:logs --prune=error --apply                   remove them (all logs, or these)
./console exp:logs --compress --apply                      compress the archives from .2 on
./console exp:logs --truncate=debug [--in-place] --apply   empty a log (rotated, or in place)
--rotate, --rotate-all, --prune, --compress and --truncate change files only with --apply; withou
t it
they print the plan. --dry-run means the same as no --apply; --apply together with --dry-run is a
 usage
error (exit 2).

Exit code: 0 something listed or found, 1 nothing found, 2 error.
```

Options

Option	Value	Help
`--list`		List the log files the viewer may open, by group, with size, time and lines a minute
`--archives`		List the logs that can be rotated, with their archives (.1 .. .N, .gz) and sizes, and the limits
`--rotate`	required	Rotate these logs now, whatever their size: keys (error,debug,site-storage) or ids (var/log/error.log), comma separated
`--rotate-all`		Rotate every log over its MaxSize (with --force: every log that is not empty)
`--force`		With --rotate-all: also the logs under their MaxSize
`--prune`	optional	Remove the archives beyond the limits (Keep, MaxAgeDays): of every log, or of these keys
`--days`	required	With --prune: remove archives older than this many days instead of MaxAgeDays
`--compress`	optional	Compress the plain archives from .2 on: of every log, or of these keys
`--truncate`	required	Empty these logs: rotate them (the content stays in .1), or with --in-place empty the file itself
`--in-place`		With --truncate: empty the file in place, keeping no copy
`--apply`		With --rotate, --rotate-all, --prune, --compress or --truncate: change the files (the default is a dry run that prints the plan)
`--dry-run`		The default, kept for scripts that pass it: only print the plan
`--tail`	required	The last entries of a file (its path relative to the root, e.g. var/log/error.log)
`--lines`	required	With --tail: how many entries (default 20)
`--follow`		With --tail: go on printing what the file gains, polling with backoff (Ctrl-C ends)
`--interval`	required	With --follow: the shortest poll interval in milliseconds (default [TailSettings] PollInterval)
`--search`	required	Search for a text (literal, or a regular expression with --regex)
`--regex`		With --search: the text is a regular expression (bounded by [SearchSettings] BacktrackLimit and TimeLimit)
`--case`		With --search: case sensitive
`--file`	required	With --search: the file (default: [LogViewerSettings] DefaultFile)
`--scope`	required	With --search: file (default), kernel (every kernel log) or all (every file listed)
`--rotations`		With --search: the rotations (.1 .. .N, .gz) too
`--level`	required	Only these levels: error,warning,notice,debug
`--from`	required	Only entries at or after this time (e.g. 2026-10-17 01:00)
`--to`	required	Only entries at or before this time (a date alone means the whole day)
`--sa`	required	Only entries of this siteaccess
`--uri`	required	Only entries whose request contains this text
`--ip`	required	Only entries whose client address starts with this
`--cursor`	required	With --search: go on from where an earlier search stopped (printed as "More: --cursor=...")

Option	Value	Help
`--limit`	required	With --search: print at most this many entries
`--reference`	required	Find an error reference (ERR-XXXXXXXXXX) in the kernel logs and their rotations, with its request
`--related`	required	The lines of the same request as the entry at <file>:<offset>
`--unmask`		Show e-mail addresses, IP addresses and secrets unmasked (the values of secret settings stay hidden)
`--json`		One JSON object instead of the text
`--color`	required	Color the levels: auto (default: when the output is a terminal), always, never

Read from the option definitions in the code (`startup()`, `getOptions()`, `options()` or `ezcConsoleOption`). Every script also takes the standard options of the script framework (`--help`, `--siteaccess`, `--debug`, `--quiet`, `--allow-root-user` ...).

Related

- All console commands

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