# exp:expviewcountupdate

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https://doc.exponential.earth/learninminutes/exphelp/viewer/examples/commands/expviewcountupdate.md

Count the page views of the web server's access logs into the view counter (ezview_counter), for one siteaccess or several.

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

**Shell**

```
./console exp:expviewcountupdate --help
./console exp:viewcount:update --help
php bin/php/expviewcountupdate.php --help
```

## Help text

```
Count the page views of the web server's access logs into the view counter (ezview_counter)
Reads each siteaccess's access log (logfile.ini [AccessLogFileSettings]) from where the last run
stopped, keeps the page views (logfile.ini [ViewCountSettings]) and adds them to the nodes they
showed. Several siteaccesses sharing one log are told apart by the kernel's siteaccess matching.

./console exp:viewcount:update --dry-run --top=20          what a run would count, nothing writte
n
./console exp:viewcount:update                              count (as the cronjob updateviewcount
.php)
./console exp:viewcount:update --all-siteaccesses           every siteaccess with a log, not the
administrations
./console exp:viewcount:update --siteaccess-list=site,bold  these siteaccesses
./console exp:viewcount:update --dry-run --from-start       the whole log again, as a preview onl
y
./console exp:viewcount:update --skip-to-end                start counting from now: mark the log
s as read
./console exp:viewcount:update --reset-state                forget where the runs stopped (the ne
xt run reads
                                                            the logs from their first line)
./console exp:viewcount:update --dry-run --format=json      the report as JSON (exp-viewcount/1)
./console exp:viewcount:update --all-siteaccesses --dry-run --log-file=/var/log/httpd/access_log.
1 \
      --state-dir=var/tmp/viewcount-trial                    a trial on another log, with a state
 of its own

Exit code: 0 fine, 1 an error (a log missing, the database refused the counts), 2 usage error,
3 another run held the lock of a log.
```

## Options

| Option | Value | Help |
|---|---|---|
| `--dry-run` | | Read and report, write neither the counts nor the resume state |
| `--all-siteaccesses` | | Every siteaccess of AvailableSiteAccessList with an access log, except the administrations |

| Option | Value | Help |
|---|---|---|
| `--siteaccess-list` | required | These siteaccesses, comma separated (default: logfile.ini [ViewCountSettings] SiteAccessList[], else the siteaccess of -s) |
| `--log-file` | required | Read this access log for every counted siteaccess, in place of logfile.ini [AccessLogFileSettings] |
| `--state-dir` | required | Keep the resume state here, in place of logfile.ini [ViewCountSettings] StateDir |
| `--from-start` | | With --dry-run: read the logs from their first line, ignoring the resume state |
| `--skip-to-end` | | Count nothing; set the resume state to the end of the logs, so the next run counts only newer lines |
| `--reset-state` | | Count nothing; remove the resume state of the siteaccesses, so the next run reads the logs from their first line |
| `--top` | required | List the most viewed nodes of the run (default 0, none) |
| `--format` | required | text (default) or json |

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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