exp:expgraphqlwebhooks

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

The webhooks of the GraphQL API: list them, add or change one (with a new signing secret), remove one, send a test, deliver now, read the delivery log; a dry run unless --apply.

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

Shell

```
./console exp:expgraphqlwebhooks --help
./console exp:graphql:webhooks --help
php bin/php/expgraphqlwebhooks.php --help
```

Help text

```
The webhooks of the GraphQL API
Every event of the GraphQL event journal an end point asks for (publish, update, trash, delete, m
ove,
hide, reveal, mutation) is POSTed to it as JSON, signed with HMAC-SHA-256 (X-Exponential-Signatur
e,
X-Exponential-Timestamp), by the cronjob part graphqlwebhooks, with retries. The end points are
settings (graphql.ini [GraphQLWebhooks] EndpointList[] and a block [GraphQLWebhook_<name>] each,
written to settings/override); the signing secret is kept in the secret store (Setup > Secrets)
and shown once, when --add makes it. Nothing is written or sent without --apply.

./console exp:graphql:webhooks                                          the list
./console exp:graphql:webhooks --add=shop --url=https://shop.example.com/hooks/exponential \
      --events=publish,update,trash --classes=article --siteaccess=eng --apply
./console exp:graphql:webhooks --add=search --url=https://search.example.com/hook --payload=query
 \
      --query=article_for_index --as=indexer --apply
./console exp:graphql:webhooks --test=shop --apply                 send a test event now
./console exp:graphql:webhooks --deliver --apply                   what the cronjob part does, no
w
./console exp:graphql:webhooks --log --limit=50
./console exp:graphql:webhooks --remove=shop --apply

Exit code: 0 done (or shown); 1 a file could not be written, a secret not stored, or the test was
not answered with 2xx; 2 wrong options (an unknown webhook, a URL or an event that is not one).
```

Options

Option	Value	Help
`--list`		list the webhooks (the default)
`--add`	required	add the webhook of this name, or change it (lower case letters, digits and _)
`--remove`	required	remove the webhook of this name (and its signing secret)
`--test`	required	send a test event (ping) to the webhook of this name

Option	Value	Help
`--deliver`		read the journal and send the deliveries that are due, as the cronjob part does
`--log`		the last lines of the delivery log
`--url`	required	the end point (--add): http:// or https://
`--events`	required	the events it wants (--add), comma separated: publish, update, trash, delete, move, hide, reveal, mutation; none: every event
`--siteaccess`	required	only content of these siteaccesses (their root node and languages), comma separated
`--classes`	required	only these class identifiers, comma separated
`--subtree`	required	only content at or below these node ids, comma separated
`--payload`	required	event (the default): the event and its ids; query: the answer of a persisted query
`--query`	required	the name or SHA-256 of the persisted query (--payload=query)
`--as`	required	the user the persisted query runs as (a login; default: anonymous)
`--secret-name`	required	the name of the signing secret in the secret store, or env:VARIABLE (default graphql.webhook.<name>)
`--limit`	required	lines of the delivery log (--log; default 20)
`--format`	required	text (the default) or json (the list, --log)
`--apply`		write and send; without it nothing is changed

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

Generated by `./console exp:help:examples` from `bin/php/expgraphqlwebhooks.php`, `kernel/private/classes/commands/expgraphqlwebhooks.php`. Do not edit this page: change the source and generate again (how). Free documentation: GFDL 1.3 or later.

Exponential Copyright © 1998-2026 Exponential Foundation and 7x
Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".
This documentation is free documentation, licensed under the GNU Free Documentation License 1.3 or later:
https://www.gnu.org/licenses/fdl-1.3.html.