exp:expgraphqlquery

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

Run a GraphQL query from the console, as a user of the installation (anonymous unless --as names one), and print the answer.

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

Shell

```
./console exp:expgraphqlquery --help
./console exp:graphql:query --help
php bin/php/expgraphqlquery.php --help
```

Help text

```
Run a GraphQL query and print the answer
The query is the argument, or a file of it (a path ending in .graphql or .gql, or - for standard
input). It runs in the siteaccess of --siteaccess with the rights of the user of --as (a login),
else as the anonymous user; the console may always read the schema (introspection). The API need
not be switched on.

./console exp:graphql:query '{ node(id: 2) { name children { totalCount } } }'
./console exp:graphql:query queries/menu.graphql --variables='{"depth": 2}' --as=admin
./console exp:graphql:query '{ siteaccess { name schemaHash } }' --format=table
./console exp:graphql:query --id=articles     a persisted query, by its name or its SHA-256

Exit code: 0 an answer without errors; 1 an answer with errors; 3 the library is missing;
2 wrong options (no query, variables not JSON, an unknown user).
```

Options

Option	Value	Help
`--variables`	required	the variables, a JSON object
`--operation`	required	the operation to run when the query has several
`--as`	required	run as this user (a login); default: anonymous
`--format`	required	json (the default) or table (one line per value: its path and the value)
`--id`	required	run the persisted query of this name or SHA-256 instead of a query text

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` ...).

Arguments: `[query]`.

Related

- All console commands

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