graphql (migration step)

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graphql

Runs a query or mutation of the GraphQL API in process as the run's user, and keeps its answer for references.

A step of a YAML migration with `type: graphql`. The class `expMigrationStepGraphql` (`kernel/classes/migration/steps/expmigrationstepgraphql.php`) is registered in `settings/migration.ini` `[StepSettings] StepTypeList[graphql]`.

Keys

Key	Type	Default	What it is
`persisted`	`string`		a persisted query: its name or its SHA-256
`query`	`string`		the text of the query or mutation
`file`	`string`		a .graphql file next to the migration
`variables`	`map`		the variables, name => value (references allowed)
`operation`	`string`		the operation to run when the text has several
`allow_errors`	`bool`	`false`	true: an answer with errors passes when it has data

Besides these, every step takes the keys of the engine: `type`, `mode`, `if`, `references`, `environments`, `engines` and `comment` (the file format). A key of type `identifier` names a node, an object or another part of the installation by id, remote id, path or name (identifiers).

Values for references

`references: { <name>: <value> }` keeps a value of the step's result as `${ref.<name>}` for the steps and migrations after it:

Value	What it is
`data`	the data of the answer (a map of the root fields)
`result`	the value of the first root field of the answer
`errors`	the messages of the errors (a list, empty when there were none)

Undoing

A step of this type does not undo itself: a migration with it needs `down:` or a rollback to its caption.

It touches no cache.

Example

YAML

```yaml
- type: graphql
  query: |
    mutation ($parent: Int!) {
      createContent(parentId: $parent, classIdentifier: "folder", fields: [ { identifier: "name",
 value: "News" } ]) { contentId nodeId }
    }
  variables: { parent: 2 }
  references: { news: result }
```

Related

- All step types
- YAML migration steps

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