command (migration step)

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https://doc.exponential.earth/exphelp/viewer/examples/migration-steps/command.md

command

Runs one exp:* console command of the installation that migration.ini allows, without a shell.

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

Keys

Key	Type	Default	What it is
command	string	required	an exp:* command of ./console listed in migration.ini [StepSettings] CommandAllowList[]
arguments	list		its arguments, each one argument
timeout	int	600	seconds
expect_exit	int	0	the exit code that passes

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
exit	the exit code
output	what the command printed (at most 64 KB)

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: command
  command: exp:services:compile
  references: { compiled: exit }
```

Related

- All step types
- YAML migration steps

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