content (migration step)

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

content

Creates, updates, ensures or deletes a content object, with its fields in one or more languages.

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

Modes

`mode:` is one of `create`, `update`, `ensure`, `delete`; every step names one.

Keys

Key	Type	Modes	Default	What it is
`class`	`identifier` (class)	create, ensure		the class of a new object: its identifier, id or remote:<remote id> (create, ensure)
`parent`	`identifier` (node)	create, ensure		the parent node of a new object (create, ensure)
`object`	`identifier` (object)	update, delete		the object to update or delete (or node:)
`node`	`identifier` (node)	update, delete		a node of the object to update or delete (or object:)
`remote_id`	`string`	create, ensure		the remote id of a new object; ensure finds the object by it
`language`	`string`	create, update, ensure		the language of fields: (default: the default language of content, ContentObjectLocale)
`fields`	`map`	create, update, ensure		attribute identifier => value, in the language of language:; each value goes through the datatype's fromString()
`translations`	`map`	create, update, ensure		language => a map of fields: one block per further language, each published as a version of its own
`section`	`identifier` (section)	create, ensure		the section of a new object: its identifier or id (default: the parent's)
`always_available`	`bool`	create, ensure		whether a new object is shown in a language it does not have (default: the class's setting)
`in_place`	`bool`	update, ensure	`false`	true: the published version is changed in place, without a new version

Key	Type	Modes	Default	What it is
`missing`	`string`: `fail`, `skip`	update, delete	`"fail"`	what happens when the object is not there: fail (the default) or skip
`trash`	`bool`	delete	`false`	true: the object goes to the trash; false (the default): it is removed for good
`workflows`	`bool`	all	`false`	true: the workflows of the operation's triggers run, as in the administration (default: they do not)
`notify`	`bool`	all	`false`	true: the publish makes a notification event (default: published without notification)

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
`object_id`	the id of the object
`node_id`	the id of its main node
`remote_id`	its remote id
`version`	its current version
`name`	its name
`path`	the url path of its main node (path_identification_string)
`created`	true when the step created the object
`changed`	true when the step changed it (created, updated or deleted)

Undoing

Some steps of this type undo themselves when their migration is rolled back without `down:` (the class says which); a migration with any other step of it needs `down:` or a rollback to its caption.

Caches it touches (cleared after the run): `content`.

Example

YAML

```yaml
- type: content
  mode: ensure
  class: folder
  parent: 2
  remote_id: news-folder
  fields:
    name: News
  translations:
    ger-DE: { name: Nachrichten }
  references: { news: node_id }
```

Related

- All step types
- YAML migration steps

Generated by `./console exp:help:examples` from `settings/migration.ini`, `kernel/classes/migration/steps/expmigrationstepcontent.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.