content (migration step)

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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

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