section (migration step)

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

section

Creates, updates, ensures or deletes a section, or assigns a section to a part of the content tree.

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

Modes

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

Keys

Key	Type	Modes	Default	What it is
`section`	`identifier` (section)	update, delete, assign		the section: its identifier or id
`identifier`	`string`	create, update, ensure		the identifier of the section; ensure finds the section by it (update: a new identifier)
`name`	`string`	create, update, ensure		the name of the section
`navigation_part`	`string`	create, update, ensure		the navigation part of the administration the section belongs to (default: ezcontentnavigationpart)
`node`	`identifier` (node)	assign		the node whose object (and the objects below it, by scope:) gets the section
`object`	`identifier` (object)	assign		the object that gets the section (or node:), at its main node
`scope`	`string`: `subtree`, `inherited`, `object`	assign	`"subtree"`	subtree (the default): the objects below too; inherited: those below that had the same section; object: the object alone
`missing`	`string`: `fail`, `skip`	update, delete, assign	`"fail"`	what happens when the section is not there: fail (the default) or skip

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
`section_id`	the id of the section
`identifier`	its identifier
`name`	its name
`created`	true when the step created the section
`changed`	true when the step changed it (created, updated, deleted or assigned)

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`, `user_info_cache`.

Example

YAML

```yaml
- type: section
  mode: ensure
  identifier: news
  name: News
- type: section
  mode: assign
  section: news
  node: "path:news"
```

Related

- All step types
- YAML migration steps

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