object_state_group (migration step)

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object_state_group

Creates, updates, ensures or deletes an object state group with its states and the translations of their names.

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

Modes

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

Keys

Key	Type	Modes	Default	What it is
group	identifier (state_group)	update, delete		the group to update or delete: its identifier or id
identifier	string	create, update, ensure		the identifier of the group; ensure finds the group by it (update: a new identifier)
language	string	create, update, ensure		the language of name: (default: the default language of content, ContentObjectLocale)
name	string	create, update, ensure		the name of the group in the language of language:
names	map	create, update, ensure		language => the name of the group in it: its translations
description	string	create, update, ensure		the description of the group in the language of language:
descriptions	map	create, update, ensure		language => the description of the group in it
states	list	create, ensure		the states, each a map: identifier, name, names, description, descriptions; ensure adds the missing ones and changes what differs
add_states	list	update		states to add, as in states:

Key	Type	Modes	Default	What it is
`update_states`	`map`	update		state identifier => what changes (name, names, description, descriptions, identifier for a new one)
`remove_states`	`list`	update		the identifiers of states to remove; their objects get the first state left
`missing`	`string: fail, skip`	update, delete	`"fail"`	what happens when the group 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
`group_id`	the id of the group
`identifier`	its identifier
`state_ids`	state identifier => id, for every state of the group
`created`	true when the step created the group
`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): `state_limitations`, `user_info_cache`, `content`.

Example

YAML

```yaml
- type: object_state_group
  mode: ensure
  identifier: review
  name: Review
  names: { ger-DE: Prüfung }
  states:
    - { identifier: draft, name: Draft, names: { ger-DE: Entwurf } }
    - { identifier: approved, name: Approved }
```

Related

- All step types
- YAML migration steps

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