url_alias (migration step)

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

url_alias

Creates, ensures or deletes a custom URL alias of a node, a global URL alias or a URL wildcard.

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

Modes

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

Keys

Key	Type	Modes	Default	What it is
`path`	`string`	all		the address, from the root (about-us/team); each part is cleaned as the URL transformation of site.ini makes it
`node`	`identifier` (node)	all		the node the address leads to (create, ensure); delete: the node whose custom addresses go (which: all)
`destination`	`string`	create, ensure		where a global address leads (a module URL as content/search, or another address); with wildcard: the destination, {1} the text of the first *
`wildcard`	`string`	all		a URL wildcard instead of an alias: the pattern, * any text (old-news/*)
`language`	`string`	all		the language of the address (create, ensure: default the default language of content; delete: default every language it has)
`always_available`	`bool`	create, ensure	`false`	true: the address works in every language of a siteaccess
`redirect`	`bool`	create, ensure	`true`	true (the default): the address redirects (301) to where it leads; false: it shows the page at its own address
`below_parent`	`bool`	create, ensure	`false`	true: path: is placed below the address of the node's parent, as the administration does by default
`which`	`string`: `all`, `selected`	delete		all: every custom address of node: (without node: every global address); selected: the address of path:
`missing`	`string`: `fail`, `skip`	delete	`"fail"`	what happens when the address or wildcard 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
`path`	the address as stored (cleaned), or the pattern of the wildcard
`action`	where it leads, as the kernel writes it (eznode:59, module:content/search), or the destination of the wildcard
`node_id`	the node it leads to, or null
`removed`	how many addresses a delete removed
`created`	true when the step made the address or wildcard
`changed`	true when the step changed something

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`, `urlalias`.

Example

YAML

```yaml
- type: url_alias
  mode: ensure
  path: about-us
  node: "path:company/about"
- type: url_alias
  mode: ensure
  wildcard: "old-news/*"
  destination: "news/{1}"
```

Related

- All step types
- YAML migration steps

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