location (migration step)

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

location

Adds, changes, removes, moves, copies, hides or shows a location (node) of a content object.

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

Modes

`mode:` is one of `create`, `update`, `delete`, `move`, `copy`, `hide`, `unhide`; every step names one.

Keys

Key	Type	Modes	Default	What it is
`node`	`identifier` (node)	update, delete, move, copy, hide, unhide		the node the step acts on
`object`	`identifier` (object)	create, delete		create: the object that gets a new location; delete: with parent:, its location below that parent
`parent`	`identifier` (node)	create, delete, move, copy		the parent node: of the new location (create), of the location to remove (delete with object:), where the node goes (move, copy)
`priority`	`int`	create, update		the priority of the node among its siblings
`sort_field`	`string`: `path`, `published`, `modified`, `section`, `depth`, `class_identifier`, `class_name`, `priority`, `name`	create, update		how the children of the node are sorted
`sort_order`	`string`: `asc`, `desc`	create, update		the direction of sort_field
`main`	`bool`	create, update		true: the node becomes the main location of its object
`missing`	`string`: `fail`, `skip`	update, delete, move, hide, unhide	`"fail"`	what happens when the node is not there: fail (the default) or skip
`trash`	`bool`	delete	`false`	when the node is the object's last location, the object is deleted with it: true puts it in the trash

Key	Type	Modes	Default	What it is
`workflows`	`bool`	all	`false`	true: the workflows of the operation's triggers run, as in the administration (default: they do not)

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
`node_id`	the id of the node (the new one for create and copy)
`object_id`	the id of its object (the new one for copy)
`parent_node_id`	the id of its parent node
`remote_id`	the remote id of the node
`path`	its url path (path_identification_string)
`hidden`	whether it is hidden

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`, `template-block`.

Example

YAML

```yaml
- type: location
  mode: create
  object: remote:news-welcome
  parent: path:frontpage
  priority: 10
  references: { welcome_on_front: node_id }
```

Related

- All step types
- YAML migration steps

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