file (migration step)

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

file

Attaches a file of the migrations folder to a file attribute (ezbinaryfile, ezmedia) of an object.

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

Keys

Key	Type	Default	What it is
`object`	`identifier` (object)		the object (or node:)
`node`	`identifier` (node)		a node of the object (or object:)
`field`	`string`	required	the identifier of the attribute (ezbinaryfile, ezmedia)
`file`	`string`	required	the file: a path below the folder of the migration file (files/report.pdf)
`name`	`string`		the file name visitors get (default: the name of the file)
`language`	`string`		the translation that gets the file (default: the default language of content)
`in_place`	`bool`	`false`	true: the published version is changed in place, without a new version
`missing`	`string`: `fail`, `skip`	`"fail"`	what happens when the object is not there: fail (the default) or skip
`workflows`	`bool`	`false`	true: the workflows of the operation's triggers run, as in the administration (default: they do not)
`notify`	`bool`	`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

Value	What it is
`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
`changed`	true when the step changed the object

Undoing

A step of this type does not undo itself: a migration with it needs `down:` or a rollback to its caption.

Caches it touches (cleared after the run): `content`.

Example

YAML

```yaml
- type: file
  object: remote:annual-report
  field: file
  file: files/annual-report-2026.pdf
  name: Annual report 2026.pdf
```

Related

- All step types
- YAML migration steps

Generated by `./console exp:help:examples` from `settings/migration.ini`, `kernel/classes/migration/steps/expmigrationstepfile.php`. Do not edit this page: change the source and generate again (how). Free documentation: GFDL 1.3 or later.

Exponential Copyright © 1998-2026 Exponential Foundation and 7x
Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.3 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".
This documentation is free documentation, licensed under the GNU Free Documentation License 1.3 or later:
https://www.gnu.org/licenses/fdl-1.3.html.