mail (migration step)

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

mail

Sends one e-mail through the mail transport of the installation.

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

Keys

Key	Type	Default	What it is
to	list	required	the addresses it goes to
cc	list		addresses in copy
bcc	list		addresses in blind copy
subject	string	required	the subject
body	string	required	the text
html	bool	false	true: body is HTML
from	string		the sender (default: site.ini [MailSettings] EmailSender, else AdminEmail)
reply_to	string		the address answers go to
transport	string		a transport of site.ini [MailSettings] TransportAlias (file, sendmail, smtp) for this mail only
category	string	"admin"	the mail category of mailpreferences.ini; an optional one reaches only the recipients whose preferences allow it

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
recipients	how many addresses it went to

Undoing

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

It touches no cache.

Example

YAML

```yaml
- type: mail
  to: [ editors@example.com ]
  subject: The news section has a new class
  body: "From today on, news items have a teaser image."
```

Related

- All step types
- YAML migration steps

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

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