exp:expmigrationrollback

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

Take migrations back: a run (its caption restored), one migration (its down()) or, for experts, any caption; a dry run unless --apply.

Script `bin/php/expmigrationrollback.php`, code in `kernel/private/classes/commands/expmigrationrollback.php`. Run it from the installation root, as the user the web server runs as:

Shell

```
./console exp:expmigrationrollback --help
./console exp:migration:rollback --help
php bin/php/expmigrationrollback.php --help
```

Help text

```
Take migrations back
The argument names what to take back, found in this order:
  a run id         the caption taken before the run is restored (exp:upgrade's rollback: a safety
                   caption of the current state first, then database, storage and settings)
  a migration id   its down(), when it has one; the record of it is removed
  a caption id     any earlier caption, for experts: --expert --confirm=<the caption id>
Without --apply it lists what would be restored or undone. Oracle has no built-in restore: the
command prints the steps to restore by hand.

./console exp:migration:rollback 20261031-120000-a1b2c3
./console exp:migration:rollback 20261031-120000-a1b2c3 --apply
./console exp:migration:rollback 20261031120000_add_news_class --apply
./console exp:migration:rollback 2026-10-29_10-15-00 --expert --confirm=2026-10-29_10-15-00 --app
ly
```

Options

Option	Value	Help
`--apply`		Make the changes (the default is a dry run that lists them and changes nothing)
`--dry-run`		The default, accepted for scripts that pass it: list what would change, change nothing
`--format`	required	text (default) or json (the machine output exp-migration/1)
`--source`	required	The source: site or extension:<name> (generate: where the file goes; rollback: which migration, when two sources have its id)
`--environment`	required	The environment (default the installation's: [AdminEnvironment] Level, or EXP_ENV with Level=auto; check: every environment); only the migrations for it count
`--login`	required	Run as this user (default: [RunSettings] RunAsUser of migration.ini)
`--expert`		Restore a caption that is not the one taken before a run (with --confirm)

Option	Value	Help
`--confirm`	required	The id of the caption typed again, to restore it with --expert
`--parts`	required	Only these parts of the caption, a comma list of database, storage, settings, libraries, code (default [CaptionSettings] RestoreParts)
`--backup-dir`	required	Where the captions made without git_manager are (default var/backup/upgrade)
`--no-safety-caption`		Restore without taking a caption of the current state first; refused on production without --force-no-caption
`--force-no-caption`		With --no-safety-caption on a production installation: restore without a caption all the same
`--no-verify`		Skip the verification after the restore
`--progress`	required	Append the progress of the run to this file, one JSON object per line (what the administration shows while the run goes on)

Read from the option definitions in the code (`startup()`, `getOptions()`, `options()` or `ezcConsoleOption`). Every script also takes the standard options of the script framework (`--help`, `--siteaccess`, `--debug`, `--quiet`, `--allow-root-user` ...).

Arguments: `[target]`.

Related

- All console commands

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