exp:upgradecode

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

Upgrade stage 1, code: the git checkouts moved to the target release, fast-forward only, through git_manager (dry run unless --apply).

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

Shell

```
./console exp:upgradecode --help
./console exp:upgrade:code --help
php bin/php/upgradecode.php --help
```

Help text

```
Upgrade stage 1: the code
Moves the installation's git checkout (and each --repos checkout) to --to (a tag, a branch or a
commit) or to the upstream of its branch, fast-forward only, through git_manager; the submodules
follow. Never over local changes, never when the checkout has commits the target lacks, and only
as the owner of the checkout. git_manager's backup is made first (unless --no-backup), and the
commits before the move are kept for exp:upgrade:rollback. The dry run fetches (remote-tracking
refs only). Dry run unless --apply.

./console exp:upgrade:code --to=v6.0.16
./console exp:upgrade:code --apply --to=v6.0.16 --repos=extension/myext
Guide: doc/eng-us/guides/upgrading-with-the-console.md
```

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
`--only`	required	Only these steps (step ids, a comma list or repeated); an optional step runs only when named here
`--skip`	required	Never these steps (step ids, a comma list or repeated)
`--format`	required	text (default) or json (the machine output exp-upgrade/1)
`--no-backup`		Write without making a backup first
`--backup-dir`	required	Where the backup goes (default var/backup/upgrade); a directory <time> is made in it
`--force-order`		Run a stage although an earlier stage has pending steps
`--fail-on-pending`		Exit 1 when steps are still pending (for CI)

Option	Value	Help
`--force-no-backup`		With --no-backup on a production installation: write without a backup all the same
`--no-caption`		Write without taking a caption first (the same as --no-backup); refused on production without --force-no-caption
`--force-no-caption`		With --no-caption on a production installation: write without a caption all the same
`--to`	required	The code stage moves the checkouts to this tag, branch or commit (default: the upstream of the branch)
`--repos`	required	More git checkouts the code stage moves, paths inside the installation (a comma list or repeated)

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` ...).

Related

- All console commands

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