



Shop Manager

Extension version: 1.0.0
Magento compatibility: CE 2.1.x

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1. Introduction

If you are familiar with Magento 2, then you probably know that many administrative settings can be changed exclusively from the command line, using the **php magento** command. This has its own drawbacks, because the owner of a Magento 2 shop must either have knowledge of handling the command line, or has to pay someone to do it.

```
:/var/www/html/bin$ sudo -u www-data php magento
Magento CLI version 2.1.4

Usage:
command [options] [arguments]

Options:
--help (-h)           Display this help message
--quiet (-q)          Do not output any message
--verbose (-v|vv|vvv) Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug
--version (-V)        Display this application version
--ansi                Force ANSI output
--no-ansi             Disable ANSI output
--no-interaction (-n) Do not ask any interactive question

Available commands:
help                  Displays help for a command
list                  Lists commands
admin
admin:user:create     Creates an administrator
admin:user:unlock     Unlock Admin Account
app
app:config:dump       Create dump of application
cache
cache:clean           Cleans cache type(s)
cache:disable         Disables cache type(s)
cache:enable          Enables cache type(s)
cache:flush           Flushes cache storage used by cache type(s)
cache:status          Checks cache status
catalog
catalog:images:resize Creates resized product images
catalog:product:attributes:cleanup Removes unused product attributes.
cron
cron:run              Runs jobs by schedule
customer
customer:hash:upgrade Upgrade customer's hash according to the latest algorithm
deploy
deploy:mode:set       Set application mode.
deploy:mode:show      Displays current application mode.
dev
dev:source-theme:deploy Collects and publishes source files for theme.
dev:tests:run         Runs tests
dev:urn-catalog:generate Generates the catalog of URNs to *.xsd mappings for the IDE to highlight xml.
dev:xml:convert       Converts XML file using XSL style sheets
i18n
i18n:collect-phrases Discovers phrases in the codebase
i18n:pack             Saves language package
i18n:uninstall        Uninstalls language packages
indexer
indexer:info          Shows allowed Indexers
indexer:reindex       Reindexes Data
indexer:reset         Resets indexer status to invalid
indexer:set-mode      Sets index mode type
indexer:show-mode     Shows Index Mode
indexer:status        Shows status of Indexer
info
info:adminurl         Displays the Magento Admin URI
info:backups:list     Prints list of available backup files
info:currency:list    Displays the list of available currencies
info:dependencies:show-framework Shows number of dependencies on Magento framework
info:dependencies:show-modules Shows number of dependencies between modules
info:dependencies:show-modules-circular Shows number of circular dependencies between modules
info:language:list    Displays the list of available language locales
info:timezone:list    Displays the list of available timezones
maintenance
maintenance:allow-ips Sets maintenance mode exempt IPs
maintenance:disable  Disables maintenance mode
maintenance:enable   Enables maintenance mode
maintenance:status   Displays maintenance mode status
module
module:disable        Disables specified modules
module:enable         Enables specified modules
module:status         Displays status of modules
module:uninstall      Uninstalls modules installed by composer
sampledata
sampledata:deploy     Deploy sample data modules
sampledata:remove     Remove all sample data packages from composer.json
sampledata:reset      Reset all sample data modules for re-installation
setup
setup:backup          Takes backup of Magento Application code base, media and database
setup:config:set      Creates or modifies the deployment configuration
setup:cron:run        Runs cron job scheduled for setup application
setup:db-data:upgrade Installs and upgrades data in the DB
setup:db-schema:upgrade Installs and upgrades the DB schema
setup:db:status       Checks if DB schema or data requires upgrade
setup:di:compile       Generates DI configuration and all missing classes that can be auto-generated
setup:install         Installs the Magento application
setup:performance:generate-flxtures Generates fixtures
setup:rollback        Rolls back Magento Application codebase, media and database
setup:static-content:deploy Deploys static view files
setup:store-config:set Installs the store configuration
setup:uninstall       Uninstalls the Magento application
setup:upgrade         Upgrades the Magento application, DB data, and schema
theme
theme:uninstall        Uninstalls theme
```

Many of these commands would be really handy in the backend, but the default installation doesn't provide any of them.

The Code007 Shop Manager module provides a graphical interface for the Magento command line. This means that you won't need to remember command names and arguments anymore. You will be provided with the most important arguments and options for each console command.

The module doesn't use PHP functions like *exec*, *system* or *passthru* to run the commands, so it will work even in production environments.

2. Supported commands

Most of the console commands are supported:

- admin:user:create
- admin:user:unlock
- cache:clean
- cache:disable
- cache:enable
- cache:flush
- cache:status
- catalog:images:resize
- catalog:product:attributes:cleanup
- cron:run
- customer:hash:upgrade
- deploy:mode:set
- deploy:mode:show
- dev:source-theme:deploy
- dev:urn-catalog:generate
- dev:xml:convert
- i18n:collect-phrases
- i18n:pack
- i18n:uninstall
- indexer:info
- indexer:reindex
- indexer:reset
- indexer:set-mode
- indexer:show-mode
- indexer:status

- info:adminuri
- info:backups:list
- info:currency:list
- info:dependencies:show-framework
- info:dependencies:show-modules
- info:dependencies:show-modules-circular
- info:language:list
- info:timezone:list
- maintenance:allow-ips
- maintenance:disable
- maintenance:enable
- maintenance:status
- module:disable
- module:enable
- module:status
- module:uninstall
- sampledata:deploy
- sampledata:remove
- sampledata:reset
- setup:backup
- setup:config:set
- setup:cron:run
- setup:db-data:upgrade
- setup:db-schema:upgrade
- setup:db:status
- setup:di:compile
- setup:performance:generate-fixtures
- setup:rollback
- setup:static-content:deploy

- setup:store-config:set
- setup:upgrade
- theme:uninstall

3. Unsupported commands and options. Limitations.

Even though most of the console commands are supported, there are some restrictions which have been made in order to keep the integrity of the webshop. The following commands are not supported:

- `help`
- `list`
- `app:config:dump`
- `dev:tests:run`
- `setup:install`
- `setup:uninstall`

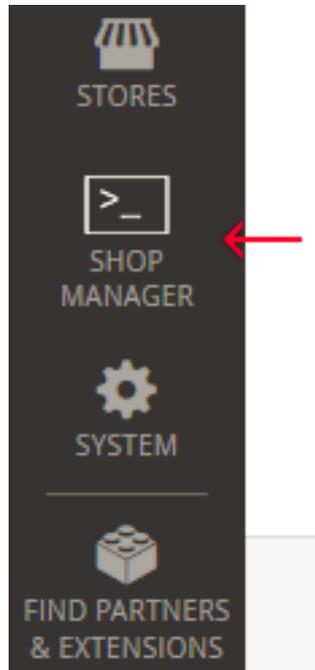
The *help* and *list* commands are useless, because the backend user interface will contain all the necessary information. The *app:config:dump* is a new feature in Magento 2.1.3, which is not *yet* supported in Code007 Shop Manager. The other three commands won't be available because they are dangerous, as they make it possible for the whole webshop to vanish.

The *magento-init-params* option is also not available, because of its dangerous character. Other options that are not available are: *--help*, *--quiet*, *--version*, *--ansi*, *--no-ansi*, *--no-interaction*.

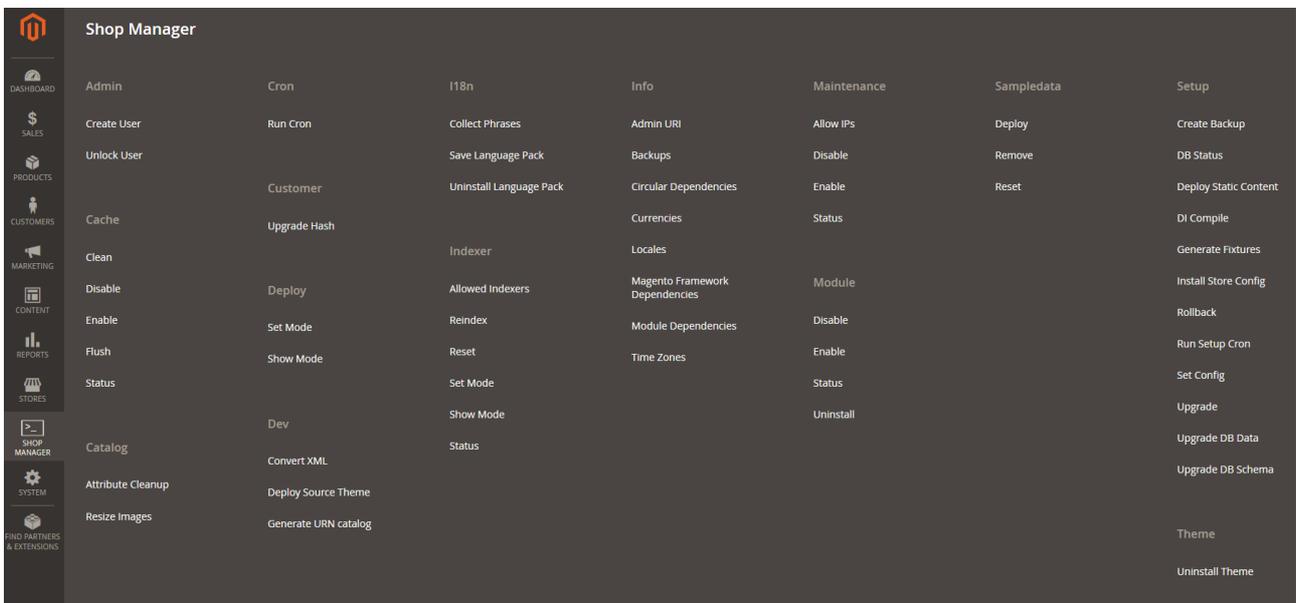
Some restrictions have also been made for *setup:config:set* console command, where the database related options are not shown.

4. How to use

The console commands are accessible from the Magento backend (not from the frontend). After logging in, a new menu item will be shown:



Clicking on the Shop Manager menu item will open a list with all commands.



Click on one of the submenus to access the page, where you can set up the configuration for the selected command. For example: lets select the Deploy → Set Mode:

Shop Manager

deploy:mode:set

Set application mode.

This is an administrative task, which can break the whole site if you are not careful. Use at your OWN risk!

Mode * Developer ▼

The application mode to set.

Skip Compilation Skips the clearing and regeneration of static content (generated code, preprocessed CSS, and assets in pub/static/)

Verbosity * Normal ▼

Set Application Mode

Show Last Console Output

Here you have the possibility to choose which deploy mode you want to set and to skip the compilation. Verbosity is a general setting, which is available for all commands. It represents the detail level of the output. Usually the *Normal* level should be enough in most of the cases, but it can be set to *Quiet* for no details or, for more details, to *Verbose*, to *Very Verbose* or even to *Debug*. The more detailed the result, the longest the output will be. However, very long outputs will slow down your browser.

In the interface there will be two buttons: the first button will launch the current command, while the second will just show the last output.

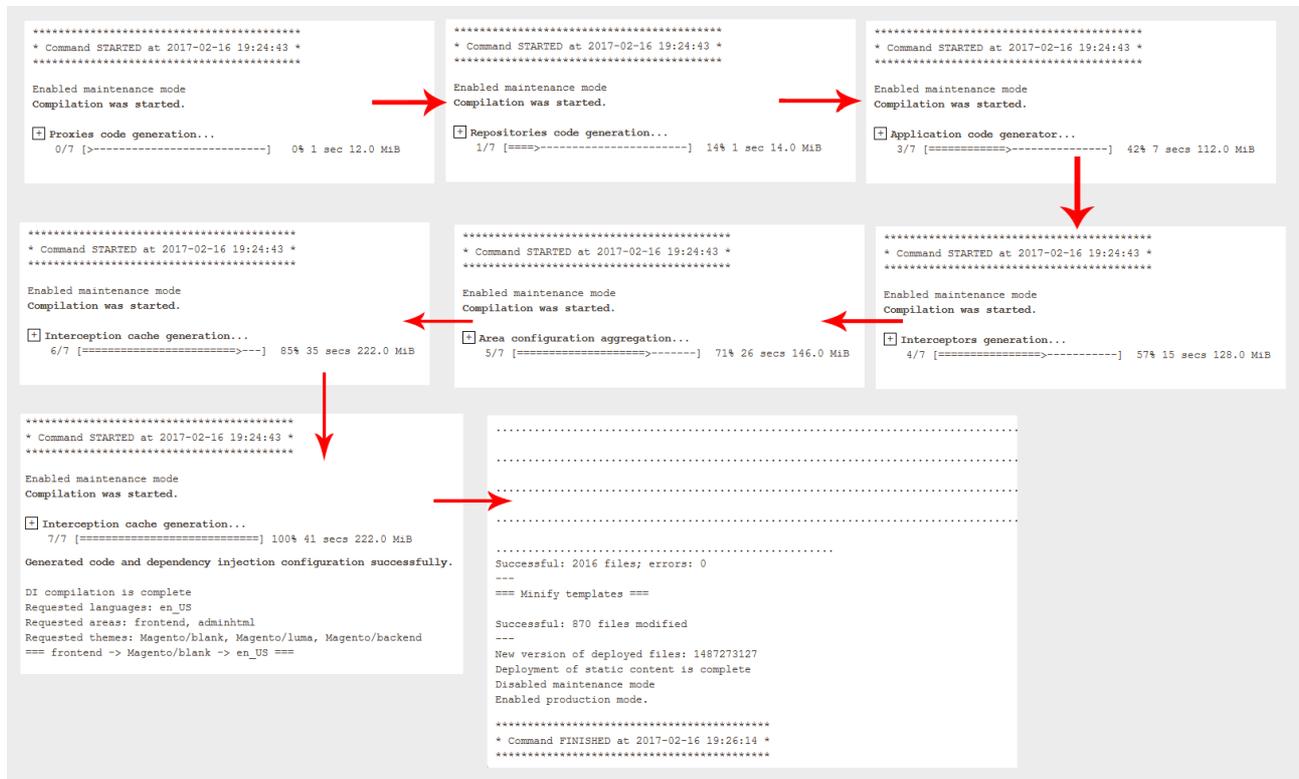
By running the command, a console window will appear with the live output:



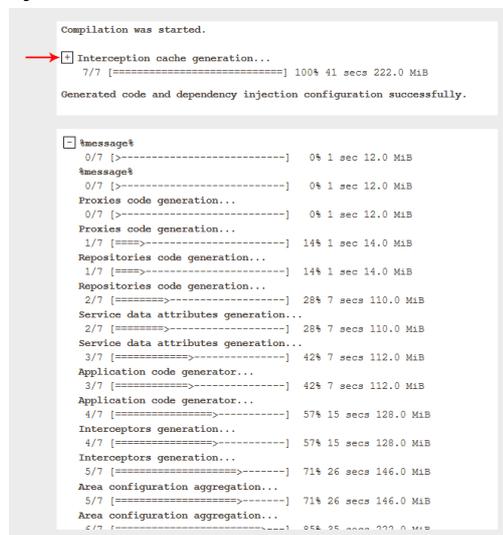
```
Console output for deploy:mode:set
*****
* Command STARTED at 2017-02-16 19:24:01 *
*****
Enabled developer mode.
*****
* Command FINISHED at 2017-02-16 19:24:02 *
*****
```

For very short commands the full log will appear at once, like in the previous screenshot, where enabling developer mode took only 1s. For longer commands, the live output is shown.

To give an example: for enabling production mode it will show a progressbar just like the original console:



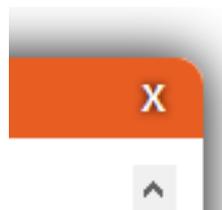
The start and end time is always shown, but it is also possible to track the times of other steps, by hovering the text parts. If you are interested in the detailed steps of the progressbar, it can be expanded by pressing the + symbol:



While the console command is running, a loading icon is shown in the top left corner of the modal window:



When the process is finished, the loading icon will disappear and a close button will appear in the top right corner:



If the console output does not fit in the screen, a vertical scrollbar will appear to help you.

Warning!

Some of the console commands take quite a long period, so make sure that your PHP configuration has the necessary configuration for script timeouts. If a webshop is hosted in a shared environment, the hosting provider may kill the console process if it takes more than a couple of minutes. Killing such a process could lead to errors, which may affect the site. For example, if the process of enabling the production mode is interrupted, the site will remain in maintenance mode until you disable it.

The Shop Manager module has been created in such a way, that users won't be able to lock themselves out. If a command enables maintenance mode, then the user's (who actually starts the console command) IP address is added automatically to the allowed list. This way after enabling maintenance mode it will be possible to disable it as well, without manually adding your IP address.

Some of the commands are able to destroy the whole website. For example, if you uninstall a Magento module which is used everywhere or some other modules rely on it, then it will make the site unresponsive. For this reason, always back up your code, database and media folders, so in case of a failure, you'll be able to restore it.

Think twice before doing something damaging to your site, as you use the Code007 Shop Manager module at your OWN risk.