Cheatography

# CakePHP 3 Bake Cheat Sheet

by Ady G (AdyG) via cheatography.com/27542/cs/8008/

## CakePHP Console Cheat Sheet




*Details extracted from CakePHP 3.2.x command prompt.*

## Installation

```
composer require --dev cakeph p/b ake :~1.0
```

PhpStorm comes with **composer** built in.
To install CakePHP via PhpStorm, use the File➔New➔Composer Project.
Then filter for *CakePHP* and select the `cakeph p\app` composer project.

## CakePHP Console

| | |
|---|---|
| Run the CakePHP console from project root | `bin/cake` *(use `bin\cake` for Windows)* |
| Possible "shells" | `bake`, `migrations`, `i18n`, `orm_cache`, `plu gin`, `routes`, `server`, `behavi or_time`, `console`, `orm` |
| Run Cake Server *(usually on localhost port 8765)* | `bin/cake server` |
| Run migrations shell *(with help)* | `bin/cake migrations -h` |
| Run bake with plugin prefix | `bin/cake bake.bake -h` |

⚠ PHP CLI must be installed and in the path.

## Bake Shell Common Options

| | |
|---|---|
| help | `--help` or `-h` |
| Verbose output | `--verbose` or `-v` |
| Quiet output | `--quiet` or `-q` |
| Plugin to bake into | `--plugin` or `-p` |
| Force overwrite of existing files | `--force` or `-f` |

## Bake Shell Common Options (cont)

| | |
|---|---|
| Datasource connection to get data from *(default: default)* | `--conn ection` or `-c` |
| Theme to use when baking | `--theme` or `-t` |
| Do not bake a test skeleton | `--no-test` |
| Do not bake generic CRUD action methods | `--no-a ctions` |

ℹ These options are common to most of the cake shell commands.

## Server Shell

| | |
|---|---|
| Run server shell with *(defaults)* | `bin/cake server` |
| Run server shell and get help | `bin/cake server --help` |
| Run server shell on port 9999 | `bin/cake server --port 9999` |
| Run server shell using IP of 10.0.0.2 | `bin/cake server --host 10.0.0.2` |
| Run server shell with document root dummy/-app/root | `bin/cake server --docu men t_root dummy/ ap` |
| Run server shell with verbose output | `bin/cake server --verbose` |
| ... example | `bin/cake -H 10.0.0.2 -p 9999 -d dummy/ app v` |

## Bake Shell: Model

| | |
|---|---|
| Run bake model shell and list all tables | `bin/cake bake model` |
| Bake model class for Friends table | `bin/cake bake model Friends` |
| Run bake model shell and get help | `bin/cake bake model --help` |
| Genera-lised use: | `bin/cake bake model [subcommand] [options >]` |
| **Options** | *other than the default ones* |
| Table name if "-non-co-nventiona-l" table naming used | `--table <Ta ble Nam e>` |
| Disable generation of Entity class | `--no-e ntity` |



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## Bake Shell: Model (cont)

| | |
|---|---|
| Disable generation of Table class | `--no-table` |
| Disable generation of validation rules | `--no-v ali dation` |
| Disable generation of a rules checker | `--no-rules` |
| Disable generatin of associ-ations | `--no-a sso cia tions` |
| Disable generation of fields | `--no-f ields` |
| Comma separated list of fields to make accessible | `--fields <fi eld nam e>[,<f iel dna me>...]` |
| Comma separated list of hidden fields | `--hidden <fi eld nam e>[,<f iel dna me>...]` |
| Set the primary key field or fields (comma separated) | `--prim ary-key <ke y-f iel d>[,<k ey- fie l d>...]` |
| Display field if you would like to select one | `--disp lay -field <fi eld -na me>` |

## Cake Routes Shell

## Bake Shell: Controller

| | |
|---|---|
| Bake a controller skeleton | `cake bake controller [subcommand] [option ]` |
| Bake the My controller with CRUD actions | `bin/cake bake controller MyCont roller` |
| Bake all controllers with CRUD methods ⚠ ***Beware:*** *This may overwrite existing controllers* | `cake bake controller all` |
| **Options** | |
| Plugin to bake into | `--plugin` or `-p` |
| Force overwrite of existing files | `--force` or `-f` |
| Datasource connection to get data from *(default: default)* | `--conn ection` or `-c` |
| Theme to use when baking | `--theme` or `-t` |
| Components to use *(comma separated)* | `--comp onents` |
| Helpers to use *(comma separated)* | `--helpers` |
| Namesp-ace/routing prefix to use | `--prefix` |
| Do not bake a test skeleton | `--no-test` |
| Do not bake generic CRUD action methods | `--no-a ctions` |

| | |
|---|---|
| List of all Routes | `bin/cake routes` |
| URL Parsing Testing | `bin/cake routes check route- and -op tions` |
| ▪▪▪ example | `bin/bake routes check /bookm ark s/e dit/1` |
| URL Generation Testing | `bin/cake routes generate contro ller:contro lle rname action:action other opti ons` |
| ▪▪▪ example | `bin/cake routes generate contro lle r:B ook marks action :edit 1` |
| ▪▪▪ example with string parameters | `bin/cake routes check " /bo okm ark s/? pag e=1 &s ort =ti tle &d ire cti on= -des c"` |

*<name>* is the name of the controller to bake, and you may use *Plugin.name* to bake controllers into plugins (optional).

**Version Control**

| Version | Date | Notes |
|---|---|---|
| 1.0 | 25 April 2016 | Initial version, there are many more commands to add |

*This will be updated each time we add new content to the cheat sheet.*

By **Ady G** (AdyG)
cheatography.com/adyg/

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