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`

ⓘ 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`
Generalised use:	`bin/cake bake model` *`[subcommand] [options`* *`>]`*
Options	*other than the default ones*
Table name if "non-conventional" table naming used	`--table <`*`Ta ble Nam e>`*
Disable generation of Entity class	`--no-e ntity`

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 ller ...`*	
••• 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

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