CodeIgniter

CodeIgniter is an open-source software rapid development web framework, for use in building dynamic web sites with PHP.

- Docksal Setup

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Thoughts on running CodeIgniter with Docksal.

Initial setup is easy

```
# Setup CodeIgniter
composer create-project codeigniter4/appstarter myproject
cd myproject

# Initialise a new Docksal project
# set DOCROOT to public
fin init

# Plug the database settings into the project
echo "
database.default.hostname = getenv('MYSQL_HOST')
database.default.database = getenv('MYSQL_DB')
database.default.username = getenv('MYSQL_USER')
database.default.password = getenv('MYSQL_PASSWORD')
" >> .env

# Done
fin project start
```

Don't remember there being more to it.

Stack assumptions

`fin init` starts a LAMP stack. CodeIgniter project requires changing database settings in `.env`. However it turns out this is managed by CI, so the settings in the file are picked up without having to make changes!

Missing spark add-on

Like Laravel's artisan, CodeIgniter has a helper utility called spark. There is no add-on, but it's easy to make.
Currently this means you type commands a bit more verbosely, for example `fin exec php spark whatevs`.

Run the spark dev server

> I'm not sure if this is needed really (as discussed under Stack assumptions), however if you have a need (let me know), then the dev server can be exposed as follows:

Create `.docksal/docksal-local.yml` with the following contents:

```
version: "2.1"

services:
  cli:
    ports:
      - '8080:8080'
```

Apply using `fin start`. Run using `fin exec php spark serve -host 0.0.0.0` then open https://myproject.docksal.site:8080.