LeanWeb

Why Ruby

Rack

Tilt

Projects built with LeanWeb

Getting started

- Install Ruby
- Install LeanWeb
- Generate a new project
- Run dynamically
- Build static files

Ruby installation

```
apt install ruby-full # Debian based
pacman -S ruby # Arch Linux based
yum install ruby # RedHat Fedora based
pkg install ruby # FreeBSD
pkg_add ruby # OpenBSD
ruby-build 3.2.2 /usr/local # Various
asdf install ruby latest # Various
```

LeanWeb installation

```
gem install --user-install leanweb
```

A typical new project

```
leanweb new project
```

Running Rack

```
bundle exec rackup
```

Building static files

```
bundle exec rake build
```

Project structure

- routes.rb: routes
- src/controllers/: controllers
- src/views/: views
- public/: static files
- config.ru: Rack configuration file

routes.rb: Where to access stuff

src/controllers/: Static dynamism

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*fully dynamic web applications are also supported

src/views/: Parse that document

public/: Directly serving static files

config.ru: Rack configuration file

config.ru: A minimal LeanWeb project

Some other cool stuff

- Layouts
- Org Mode
- Mailing

Controller#render_with_layout

Tilt::EmacsOrg: A native parser for Tilt

```
  gem install tilt-emacs_org
```

LeanMail

What about models?

BYOB

What's next?

My current to do list

- upgrade Rack
- upgrade Haml (waiting for Tilt release)
- don't require to @response.finish
- make Rack::Reloader actually reload stuff
- namespaces support on routes
- mechanism for auth guards?
- nested routes?
- router: default_get_static = false

Breaking changes expected

How to help?

- Use
- Develop
- Fund

Thanks!

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