

























































## Architecture

#### Container

```
% tree -L 1

├── Gemfile
├── Gemfile.lock
├── Rakefile
├── apps
├── config
├── config ru
├── db
├── lib
└── spec
```

#### **Application**

```
% tree -L 1

├── Gemfile
├── Rakefile
├── app
├── config
├── config.ru
├── db
├── lib
├── public
└── spec
```

#### Router

```
get '/hello', to: ->(env) { [200, {}, ['Hello from Lotus!']] }
```

```
# apps/web/config/routes.rb
get '/', to: "home#index" # => will route to Web::Controllers::Home::Index
```

```
get '/proc', to: ->(env) { [200, {}, ['Hello from Lotus!']] }
get '/action', to: "home#index"
get '/middleware', to: Middleware
get '/rack-app', to: RackApp.new
get '/rails', to: ActionControllerSubclass.action(:new)
```

```
mount SinatraApp.new, at: '/sinatra'
```

#### Controller

```
# apps/web/controllers/dashboard/index.rb
module Web::Controllers::Dashboard
  class Index
    include Web::Action
    def call(params)
    end
  end
end
```

#### View

```
# apps/web/views/dashboard/index.rb
module Web::Views::Dashboard
  class Index
   include Web::View
  end
end
```

### Model

```
# lib/bookshelf/entities/book.rb
class Book
  include Lotus::Entity
  attributes :title, :author
end
```

```
Lotus::Model.configure do

# ...

mapping do

collection :books do

entity Book

repository BookRepository

attribute :id, Integer

attribute :title, String

end

end

end

end.load!
```

# Demo



