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學習

# phoenix-framework

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#phoenix-  
framework

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# 1: phoenix-framework

phoenix-framework。

◦ phoenix-framework。

0.1.1	2014-05-01
0.2.0	2014-05-01
0.2.1	2014-05-01
0.2.2	201465
0.2.3	201455
0.2.10	2014522
0.2.11	2014-06-30
0.3.0	201471
0.3.1	201475
0.4.0	2014831
0.4.1	201499
0.5.0	20141014
0.6.0	
0.6.1	
0.6.2	2014128
0.7.0	
0.7.1	
0.7.2	
0.8.0	2015111
0.9.0	2015212
0.10.0	201538

0.11.0	2015-04-09
0.12.0	201551
0.13.0	○
0.13.1	2015517
0.14.0	
0.15.0	2015727
0.16.0	201586
0.16.1	201586
0.17.1	2015827
1.0.0	2015828
1.0.1	201593
1.0.2	201597
1.0.3	2015929
1.0.4	20151215
1.1.0	2015916
1.1.1	2015927
1.1.2	201619
1.1.3	2016120
V1.2.0-rc.0	2016429
V1.2.0-RC.1	2016525
1.2.0	2016623
1.2.2	2017314
1.2.3	2017315
1.2.4	2017516
1.3.0 RC.1	2017315
1.3.0 rc.2	2017516

# Examples

[PhoenixElixir](#)[ElixirErlang](#)[Erlang VM](#)◦ [phoenix](#)◦ [phoenix](#)

1.[Elixir](#) ◦ [ElixirElixir](#) ◦

2.[Hex](#)◦ [HexPhoenix](#)◦

```
$ mix local.hex
```

[Hex](#)◦

3.[Erlang](#) ◦ [ErlangElixir](#)[ElixirErlangVM](#)◦ [ElixirErlangElixirErlang](#)◦ [DebianErlang](#)◦

```
$ wget https://packages.erlang-solutions.com/erlang-solutions_1.0_all.deb && sudo dpkg -i
erlang-solutions_1.0_all.deb
$ sudo apt-get update
$ sudo apt-get install esl-erlang
```

4.[phoenix](#) ◦ [ElixirErlangPhoenix Mix](#)◦ [MixZipBEAM](#)◦ ◦ ◦ [Phoenix](#)

```
$ mix archive.install https://github.com/phoenixframework/archives/raw/master/phoenix_new.ez
```

◦ [Phoenix](#)

```
mix archive.install /path/to/local/phoenix_new.ez
```

5 [PlugCowboyEctoPhoenixmixmixPhoenix](#)◦ [mix](#)◦

6.[Node.js v5.0.0](#)◦ ◦ [Node.jsbrunch.io](#)◦ [Brunch.iojavascriptcss](#)◦

[node.js](#)◦[Phoenix5.0.0](#)◦

[Mac OS Xnode.js](#)◦

[io.jsNode.jsnpmPhoenix](#)◦

[Debian / Ubuntu](#)

```
sh: 1: node: not found
npm WARN This failure might be due to the use of legacy binary "node"
```

[DebianSO](#)

[Ubuntu](#)

[nodejs-legacy](#)

```
$ apt-get install nodejs-legacy
```

```
$ ln -s /usr/bin/nodejs /usr/bin/node
```

7 [PostgreSQL](#) ◦ [Phoenix--database mysql](#) [MySQL](#) ◦ [PostgreSQL wiki](#) ◦

[PostgrexPhoenix](#) ◦ [Phoenix Postgres](#) ◦

8 [inotify-tools](#) [linuxLinuxPhoenix](#) ◦ [Mac OS XWindows](#) ◦

[Linux](#) ◦ [inotify-tools wiki](#) ◦

◦ [follow](#) ◦

```
mix phoenix.new web --no-brunch --no-ecto
```

[ElixirErlangHexMixPhoenix](#)

[Phoenix ElixirErlangHexPhoenix](#) ◦ [PostgreSQLnode.js](#) ◦

◦ [phoenix.newmix](#) ◦ [hello\\_phoenix\\_world](#)

```
$ mix phoenix.new hello_phoenix_world
```

[mix phoenix.newPhoenix](#) ◦ [Phoenix](#)

```
$ mix phoenix.new /Users/username/work/elixir-projects/hello_phoenix_world
```

```
mix phoenix.new hello_phoenix_world
* creating hello_phoenix_world/config/config.exs
* creating hello_phoenix_world/config/dev.exs
* creating hello_phoenix_world/config/prod.exs
...
* creating hello_phoenix_world/web/views/layout_view.ex
* creating hello_phoenix_world/web/views/page_view.ex

Fetch and install dependencies? [Yn]
```

[Phoenix](#) ◦ [Mix](#) ◦ [""](#) ◦

```
Fetch and install dependencies? [Yn] Y
* running mix deps.get
* running npm install && node node_modules/brunch/bin/brunch build
```

◦

Move into your new project folder:

```
$cd hello_phoenix_world
```

postgres postgres username postgres config/dev.exs

```
# config/dev.exs
config :hello_phoenix_world, HelloPhoenixWorld.Repo,
  adapter: Ecto.Adapters.Postgres,
  username: "postgres",
  password: "postgres",
  database: "hello_phoenix_world_dev",
  hostname: "localhost",
  pool_size: 10
```

Now, create the database with the ecto mix task:

```
$ mix ecto.create
```

We have a working application! Run your Phoenix application:

```
$ mix phoenix.server
```

You can also run your app inside IEx (Interactive Elixir) as:

```
$ iex -S mix phoenix.server
```

Load `http://localhost:4000` into your browser and you will see the default landing page of your application.

Phoenix hello world web/templates/page/index.html.eex

```
<h2>Hello World</h2>
```

“Hello World”.

CRUD.

ctrl-c ctrl-c control key

## OSX Elixir / Phoenix

### Elixir / Phoenix

#### Homebrew

```
/usr/bin/ruby -e "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

brew install elixir Elixir - Erlang

mix local.hex mix

### Phoenix

```
mix archive.install https://github.com/phoenixframework/archives/raw/master/phoenix_new.ez
```



## Node.js

NVMNode.js◦ [nvm](#)

```
curl -o- https://raw.githubusercontent.com/creationix/nvm/v0.31.4/install.sh | bash
```

```
curlbrew install curlbrew install curl ◦
```

```
nvm install node
```

## Node.js.

[Postgres.app](#)◦ [Phoenix](#)config/dev.exs -

```
config :myphoenixapp, MyPhoenixApp.Repo,  
  adapter: Ecto.Adapters.Postgres,  
  database: "myphoenixapp_dev",  
  hostname: "localhost",  
  pool_size: 10
```

CRUDRails[phoenix.gen.html](#) [mix](#)

```
mix phoenix.gen.html Book books title note:text pages:integer author_id:references:authors
```

Book books[schema](#) title note pages author\_id [Author](#)belongs\_to◦

[phoenix-framework](#) <https://riptutorial.com/zh-TW/phoenix-framework/topic/4996/phoenix-framework>

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## 2: Ecto

ecto。

### Examples

```
username password_hash email_id created_at updated_at typejson
```

```
mix phoenix.gen.json User users username:string email_id:string password_hash:string  
timestamps()
```

### ecto

```
mix phoenix.gen.htmlmix phoenix.gen.json priv -> repo -> migrationspriv -> repo -> migrations。
```

```
mix ecto.migrate。
```

```
mix ecto.gen migrations <model_name>mix ecto.gen migrations <model_name>
```

```
mix ecto.gen migrations <model_name> -r <repo_name>
```

Ecto <https://riptutorial.com/zh-TW/phoenix-framework/topic/10890/ecto>

# 3:

## Examples

- resource
  - MyApp.ErrorHelpers.error\_tag
  - Phoenix.Router MyApp.Router.Helpers.\*\_path ◦
- PhoenixElixir@doc@moduledoc◦
- //
  - 
  - MyApp.RepoEcto.Repo

ex\_docmix.exs

```
# config/mix.exs

def deps do
  [[:ex_doc, "~> 0.11", only: :dev]]
end
```

### Elixir @doc@moduledoc Markdown◦

mix deps.getmix docsmix docs ◦ [Elixir Docs](#) ◦

mix docs --output priv/static/docmy\_app\_url\_or\_ip/doc/index.html ◦

- [ex\\_doc](#)
- [Elixir.Version](#)

[Elixir Recipes](#) ◦

<https://riptutorial.com/zh-TW/phoenix-framework/topic/5868/>

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