Ruby on Rails

Ruby web framework

CONCEPTS

Inside an app use bin/rails: it runs the version pinned in the Gemfile, not a global one.

generate files + migration
↓ edit
migration db/migrate
↓ db:migrate
schema db/schema.rb
↓ routes + test
server localhost:3000

Short aliases: s server, c console, g generate, d destroy, db dbconsole, t test.

CREATE & RUN

rails new *<app>*
Create a new app

rails new *<app>* **--database=postgresql**
New app using PostgreSQL

bin/rails server
Start the server (Puma)

GENERATORS

bin/rails generate scaffold *<Name>* *<field:type>*
Model, controller, views, routes

bin/rails generate model *<Name>* *<field:type>*
Model and migration

bin/rails generate controller *<Name>* *<action>*
Controller with views and routes

bin/rails generate migration *<Name>*
Empty migration

bin/rails destroy *<generator>* *<args>*
Remove what generate made

DATABASE

bin/rails db:migrate
Run pending migrations

bin/rails db:rollback
Undo the last migration

bin/rails db:migrate:status
Show each migration up or down

bin/rails db:create
Create the database

bin/rails db:seed
Load db/seeds.rb

bin/rails db:setup
Create, load schema, seed

bin/rails db:prepare
Set up, or migrate if it exists

bin/rails dbconsole
Open psql, mysql or sqlite3

CONSOLE & RUNNER

bin/rails console
Interactive shell with the app loaded

bin/rails console --sandbox
Roll back all changes on exit

bin/rails runner "*<code>***"**
Run Ruby in the app context

INSPECT

bin/rails routes
List all routes

bin/rails routes -g *<pattern>*
Filter by name, path or action

TEST

bin/rails test
Run tests, not system tests

bin/rails test *<file>*:*<line>*
Run the test at a line

HOUSEKEEPING

bin/rails credentials:edit
Edit encrypted credentials