

### Mix tasks

**ecto.create** Creates the repository storage

**ecto.create -r Custom.Repo**

**ecto.drop** Drops the repository storage

**ecto.drop -r Custom.Repo**

**ecto.dump** Dumps the repository database structure

**ecto.dump -r Custom.Repo**

**ecto.dump -d /path/to/file**

**ecto.gen.migration** Generates a new migration for the repo

**ecto.gen.migration add\_posts\_table**

**ecto.gen.migration add\_posts\_table -r Custom.Repo**

**ecto.gen.repo** Generates a new repository

**ecto.gen.repo -r Custom.Repo**

**ecto.load** Loads previously dumped database structure

**ecto.load -r Custom.Repo**

**ecto.load -d /path/to/file**

**ecto.migrate** Runs the repository migrations

**ecto.migrate -r Custom.Repo**

**ecto.migrate -n(--step) 3**

**ecto.migrate -v(--to) 20080906120000**

**ecto.rollback** Rolls back the repository migrations

**ecto.rollback -r Custom.Repo**

**ecto.rollback -n(--step) 3**

**ecto.rollback -v(--to) 20080906120000**

**ecto.rollback --all**

### Migrations

```
defmodule MyRepo.Migrations.MyMigration do
  use Ecto.Migration

  def up, do: ...
  def down, do: ...

  # or

  def change, do: ...
end
```

You can use either `up/0`, `down/0` or `change/0`

### Migrations.Change Table

**create table(:name) do** Create table macro

**alter table(:name) do** Alter table macro

**create\_if\_not\_exist table(:name) do** Creates table, but not raise an error, if table already exist

