

Concurrency in Elixir

Elixir is famous for its concurrency. Fortunately, it's very easy to work with threads in Elixir and the VM takes care of everything for us itself.

Let's take a basic example for this.

File: 09threads.ex

```
defmodule Server do
  def listen do
    receive do
      {:ok, :ping} -> IO.puts "Pong"
      # {:ok, :ding} -> IO.puts "Dong"
    end

    listen    # go back to listening
  end
end
```

Let's use this in iex

```
# load in iex using c("09threads.ex")
pid = spawn(Server, :listen, [])
send pid, {:ok, :ping}
send pid, {:ok, :ding}    # nothing
```

“Elixir and Phoenix: Real World Functional Programming”

Video Course by Dr. Nauman

<http://recluze.net/learn>