Nanis-MacBook-Air:marmite ssun2$ iex

Erlang/OTP 21 [erts-10.1.1] [source] [64-bit] [smp:4:4] [ds:4:4:10] [async-threads:1] [hipe] [dtrace]

Interactive Elixir (1.7.3) - press Ctrl+C to exit (type h() ENTER for help)

iex(1)> r Marmite

\*\* (ArgumentError) could not load nor find module: Marmite

(iex) lib/iex/helpers.ex:412: IEx.Helpers.do\_r/1

(iex) lib/iex/helpers.ex:407: IEx.Helpers.r/1

iex(1)> c "marmite.ex"

\*\* (ArgumentError) could not find files marmite.ex

(iex) lib/iex/helpers.ex:172: IEx.Helpers.c/2

iex(1)>

BREAK: (a)bort (c)ontinue (p)roc info (i)nfo (l)oaded

(v)ersion (k)ill (D)b-tables (d)istribution

^CNanis-MacBook-Air:marmite ssun2$ ls

README.md config lib mix.exs test

Nanis-MacBook-Air:marmite ssun2$ iex -S mix

Erlang/OTP 21 [erts-10.1.1] [source] [64-bit] [smp:4:4] [ds:4:4:10] [async-threads:1] [hipe] [dtrace]

Compiling 1 file (.ex)

== Compilation error in file lib/marmite.ex ==

\*\* (SyntaxError) lib/marmite.ex:19: keyword argument must be followed by space after: do:

(elixir) lib/kernel/parallel\_compiler.ex:206: anonymous fn/4 in Kernel.ParallelCompiler.spawn\_workers/6

Nanis-MacBook-Air:marmite ssun2$ iex -S mix

Erlang/OTP 21 [erts-10.1.1] [source] [64-bit] [smp:4:4] [ds:4:4:10] [async-threads:1] [hipe] [dtrace]

Compiling 1 file (.ex)

Generated marmite app

Interactive Elixir (1.7.3) - press Ctrl+C to exit (type h() ENTER for help)

iex(1)> Marmite.map([1,2])

\*\* (UndefinedFunctionError) function Marmite.map/1 is undefined or private. Did you mean one of:

\* map/2

(marmite) Marmite.map([1, 2])

iex(1)> Marmite.map([1,2,3], fn x -> x\*2 end)

[2, 4, 6]

iex(2)> doubler = fn number -> number \* 2

...(2)> recompile

...(2)> pid = spawn Marmite, :mapper, []

...(2)>

BREAK: (a)bort (c)ontinue (p)roc info (i)nfo (l)oaded

(v)ersion (k)ill (D)b-tables (d)istribution

a

Nanis-MacBook-Air:marmite ssun2$ iex -S mix

Erlang/OTP 21 [erts-10.1.1] [source] [64-bit] [smp:4:4] [ds:4:4:10] [async-threads:1] [hipe] [dtrace]

Compiling 1 file (.ex)

== Compilation error in file lib/marmite.ex ==

\*\* (TokenMissingError) lib/marmite.ex:34: missing terminator: end (for "do" starting at line 1)

(elixir) lib/kernel/parallel\_compiler.ex:206: anonymous fn/4 in Kernel.ParallelCompiler.spawn\_workers/6

Nanis-MacBook-Air:marmite ssun2$ iex -S mix

Erlang/OTP 21 [erts-10.1.1] [source] [64-bit] [smp:4:4] [ds:4:4:10] [async-threads:1] [hipe] [dtrace]

Compiling 1 file (.ex)

Interactive Elixir (1.7.3) - press Ctrl+C to exit (type h() ENTER for help)

iex(1)> pid = spawn Marmite, :mapper, []

#PID<0.140.0>

iex(2)> Process.alive?pid

true

iex(3)> send(pid, {:map\_for\_me, [[1,2,3], fn x -. x ^2)

\*\* (SyntaxError) iex:3: unexpected token: ). The "fn" at line 3 is missing terminator "end"

iex(3)> send(pid, {:map\_for\_me, [[1,2,3], fn x -. x ^2 end)

\*\* (SyntaxError) iex:3: unexpected token: ). The "[" at line 3 is missing terminator "]"

iex(3)> send(pid, {:map\_for\_me, [[1,2,3], fn x -> x ^2 end)

\*\* (SyntaxError) iex:3: unexpected token: ). The "[" at line 3 is missing terminator "]"

iex(3)> recompile

Compiling 1 file (.ex)

warning: variable "sender" does not exist and is being expanded to "sender()", please use parentheses to remove the ambiguity or change the variable name

lib/marmite.ex:30

== Compilation error in file lib/marmite.ex ==

\*\* (CompileError) lib/marmite.ex:30: undefined function sender/0

(stdlib) lists.erl:1338: :lists.foreach/2

(stdlib) erl\_eval.erl:680: :erl\_eval.do\_apply/6

\*\* (exit) shutdown: 1

(mix) lib/mix/tasks/compile.ex:100: Mix.Tasks.Compile.run/1

(mix) lib/mix/task.ex:316: Mix.Task.run\_task/3

(iex) lib/iex/helpers.ex:102: IEx.Helpers.recompile/1

iex(3)> recompile

Compiling 1 file (.ex)

:ok

iex(4)> send(mapper, {:map\_for\_me, self(), [[1,2,3], fn x-> x\*2 end ]})

\*\* (CompileError) iex:4: undefined function mapper/0

(stdlib) lists.erl:1354: :lists.mapfoldl/3

iex(4)>