Nanis-MacBook-Air:nested ssun2$ ~iex

bash: ~iex: command not found

Nanis-MacBook-Air:nested ssun2$ ~ iex

bash: /Users/ssun2: is a directory

Nanis-MacBook-Air:nested 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)> 1 + 2

3

iex(2)> c "thingy.ex"

== Compilation error in file thingy.ex ==

\*\* (SyntaxError) thingy.ex:5: unexpected token: end

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

\*\* (CompileError) compile error

(iex) lib/iex/helpers.ex:192: IEx.Helpers.c/2

iex(2)> c "thingy.ex"

== Compilation error in file thingy.ex ==

\*\* (SyntaxError) thingy.ex:5: unexpected token: end

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

\*\* (CompileError) compile error

(iex) lib/iex/helpers.ex:192: IEx.Helpers.c/2

iex(2)> c "thingy.ex"

[Thingy]

iex(3)> Thingy.say\_hello

"hello world!"

iex(4)> iex r Thingy

\*\* (CompileError) iex:4: undefined function iex/1

iex(4)> iex

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

iex(4)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(5)> Thingy.sum(1, 2)

3

iex(6)> a = 1

1

iex(7)> a

1

iex(8)> 1 = a

1

iex(9)> [a, b] = [1, 2]

[1, 2]

iex(10)> 1 = ^a

\*\* (CompileError) iex:10: cannot use ^a outside of match clauses

iex(10)> Thingy.map(1,2)

\*\* (UndefinedFunctionError) function Thingy.map/2 is undefined or private

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iex(10)> Thingy.map(1,2)

\*\* (UndefinedFunctionError) function Thingy.map/2 is undefined or private

Thingy.map(1, 2)

iex(10)> r Thingy

\*\* (SyntaxError) thingy.ex:14: unexpected token: end

HINT: it looks like the "end" on line 12 does not have a matching "do" defined before it

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(10)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

warning: variable "callback" is unused

thingy.ex:6

warning: variable "head" is unused

thingy.ex:6

warning: variable "tail" is unused

thingy.ex:6

{:reloaded, Thingy, [Thingy]}

iex(11)> Thingy.map([1,2],callback)

\*\* (CompileError) iex:11: undefined function callback/0

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

(stdlib) lists.erl:1355: :lists.mapfoldl/3

iex(11)> Thingy.map([1,2], fn(a)-> a\*2 end)

nil

iex(12)> Thingy.map([1,2], fn(a)-> a\*2 end)

nil

iex(13)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(14)> Thingy.map([1,2], fn(a)-> a end)

[2, 4]

iex(15)> Thingy.map([1,2], fn(a)-> a\* 2 end)

[2, 4]

iex(16)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(17)> Thingy.map([1,2], fn(a)-> a\* 2 end)

[2, 4]

iex(18)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(19)> Thingy.map([1,2], fn(a)-> a\* 2 end)

[2, 4]

iex(20)> Thingy.map([1,2], fn(a)-> a\* 4 end)

[4, 8]

iex(21)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(22)> Thingy.filter([1,2], fn(a)-> a > 2 end)

[false, false]

iex(23)> Thingy.filter([4,2], fn(a)-> a > 2 end)

[true, false]

iex(24)> r Thingy

\*\* (SyntaxError) thingy.ex:23: keyword argument must be followed by space after: interests:

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(24)> r Thingy

\*\* (SyntaxError) thingy.ex:25: unexpected token: ":" (column 3, codepoint U+003A)

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(24)> r Thingy

\*\* (SyntaxError) thingy.ex:34: unexpected token: end

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function val/0

iex(24)> r Thingy

\*\* (SyntaxError) thingy.ex:23: syntax error before: interests

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function val/0

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function interests/0

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function interests/0

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function interests/0

iex(24)> r Thingy

\*\* (SyntaxError) thingy.ex:25: unexpected token: ":" (column 4, codepoint U+003A)

(iex) lib/iex/helpers.ex:428: IEx.Helpers.do\_r/1

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

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

(iex) lib/iex/evaluator.ex:249: IEx.Evaluator.handle\_eval/5

(iex) lib/iex/evaluator.ex:229: IEx.Evaluator.do\_eval/3

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

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

thingy.ex:24

\*\* (CompileError) thingy.ex:24: undefined function interests/0

iex(24)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(25)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(26)> Thingy.has\_interests(%{interests:["football"]})

\*\* (SyntaxError) iex:26: keyword argument must be followed by space after: interests:

iex(26)> Thingy.has\_interests(%{interests: ["football"]})

\*\* (UndefinedFunctionError) function Thingy.has\_interests/1 is undefined or private. Did you mean one of:

\* has\_interests?/1

Thingy.has\_interests(%{interests: ["football"]})

iex(26)> Thingy.has\_interests?(%{interests: ["football"]})

true

iex(27)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

{:reloaded, Thingy, [Thingy]}

iex(28)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

warning: variable "interests" is unused

thingy.ex:30

warning: variable "val" is unused

thingy.ex:30

warning: clauses with the same name and arity (number of arguments) should be grouped together, "def has\_interests?/1" was previously defined (thingy.ex:23)

thingy.ex:33

{:reloaded, Thingy, [Thingy]}

iex(29)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

warning: variable "interests" is unused

thingy.ex:30

warning: clauses with the same name and arity (number of arguments) should be grouped together, "def has\_interests?/1" was previously defined (thingy.ex:23)

thingy.ex:38

{:reloaded, Thingy, [Thingy]}

iex(30)> has\_interest?(%{interests: ["football", "music"]}, "arse" )

\*\* (CompileError) iex:30: undefined function has\_interest?/2

iex(30)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

warning: variable "interests" is unused

thingy.ex:30

warning: clauses with the same name and arity (number of arguments) should be grouped together, "def has\_interests?/1" was previously defined (thingy.ex:23)

thingy.ex:38

{:reloaded, Thingy, [Thingy]}

iex(31)> has\_interest?(%{interests: ["football", "music"]}, "arse" )

\*\* (CompileError) iex:31: undefined function has\_interest?/2

iex(31)>

nil

iex(32)> r Thingy

warning: redefining module Thingy (current version defined in memory)

thingy.ex:1

warning: variable "interests" is unused

thingy.ex:30

warning: clauses with the same name and arity (number of arguments) should be grouped together, "def has\_interests?/1" was previously defined (thingy.ex:23)

thingy.ex:38

{:reloaded, Thingy, [Thingy]}

iex(33)> has\_interest?(%{interests: ["football", "music"]}, "arse" )

\*\* (CompileError) iex:33: undefined function has\_interest?/2

iex(33)>