

```
→ prod elixir
```

Usage: elixir [options] [.exs file] [data]

```
-v
-e COMMAND
-r FILE
)
-S SCRIPT
in PATH
-pr FILE
parallel (*)
-pa PATH
de path (*)
-pz PATH
e path (*)
```

Prints version and exits

Evaluates the given command (*)

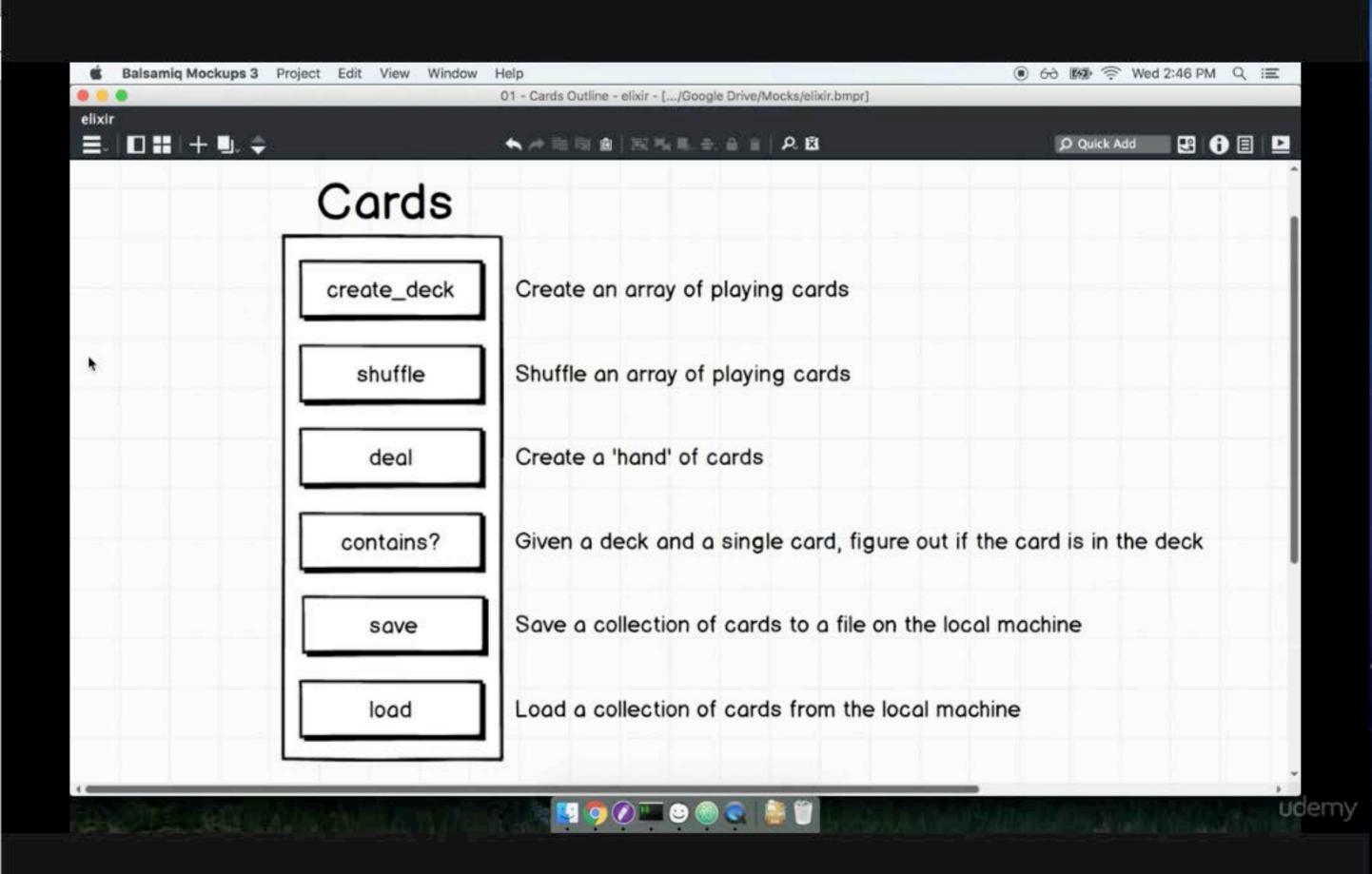
Requires the given files/patterns (*

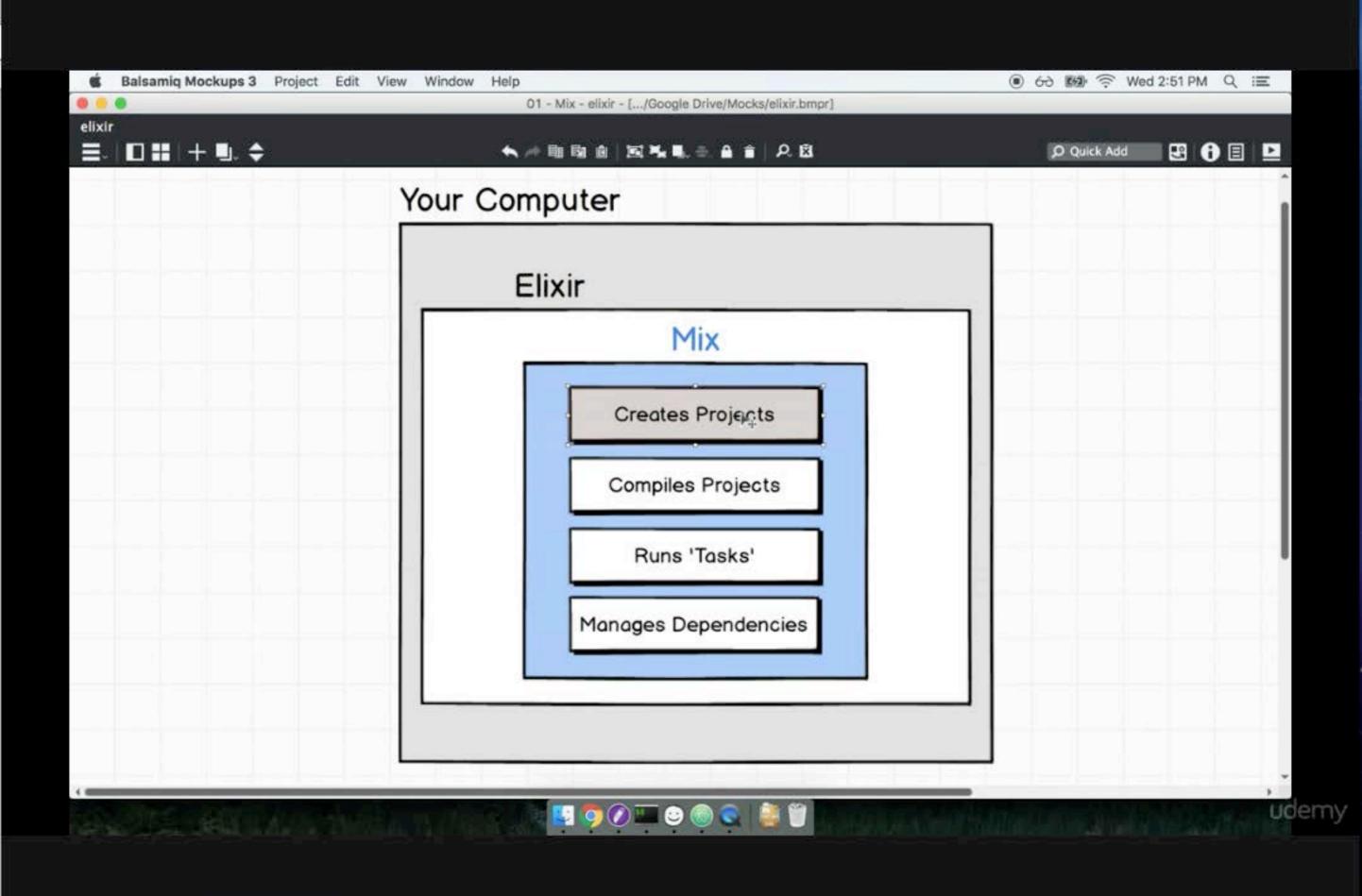
Finds and executes the given script

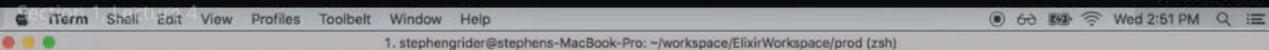
Requires the given files/patterns in

Prepends the given path to Erlang co

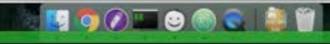
Appends the given path to Erlang cod

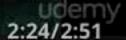






prod mix new cards



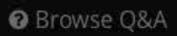




















- * creating config/config.exs
- * creating lib
- * creating lib/cards.ex
- * creating test
- * creating test/test_helper.exs
- * creating test/cards_test.exs

Your Mix project was created successfully.
You can use "mix" to compile it, test it, and more:

cd cards mix test

Run "mix help" for more commands.

→ prod



```
* creating lib
```

- * creating lib/cards.ex
- * creating test
- * creating test/test_helper.exs
- * creating test/cards_test.exs

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You can use "mix" to compile it, test it, and more:

cd cards mix test

Run "mix help" for more commands.

- → prod cd cards
- → cards

1. stephengrider@stephens-MacBook-Pro: ~/workspace/ElixirWorkspace/prod/cards (zsh)

- * creating test
- * creating test/test_helper.exs
- * creating test/cards_test.exs

Your Mix project was created successfully.
You can use "mix" to compile it, test it, and more:

cd cards mix test

Run "mix help" for more commands.

- prod cd cards
- → cards ls

README.md config lib

mix.exs test

→ cards

* creating test/cards_test.exs

Your Mix project was created successfully.
You can use "mix" to compile it, test it, and more:

cd cards mix test

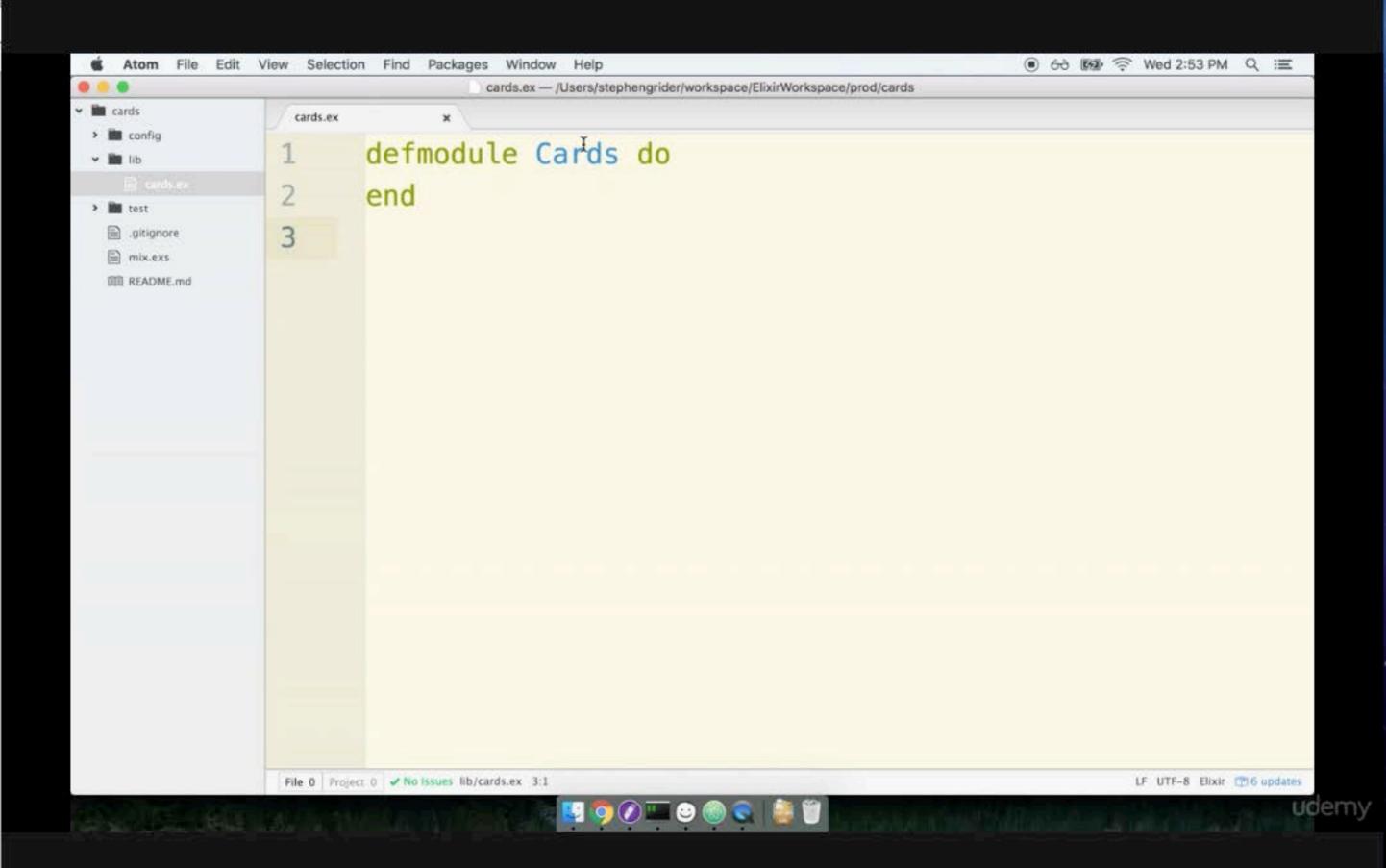
Run "mix help" for more commands.

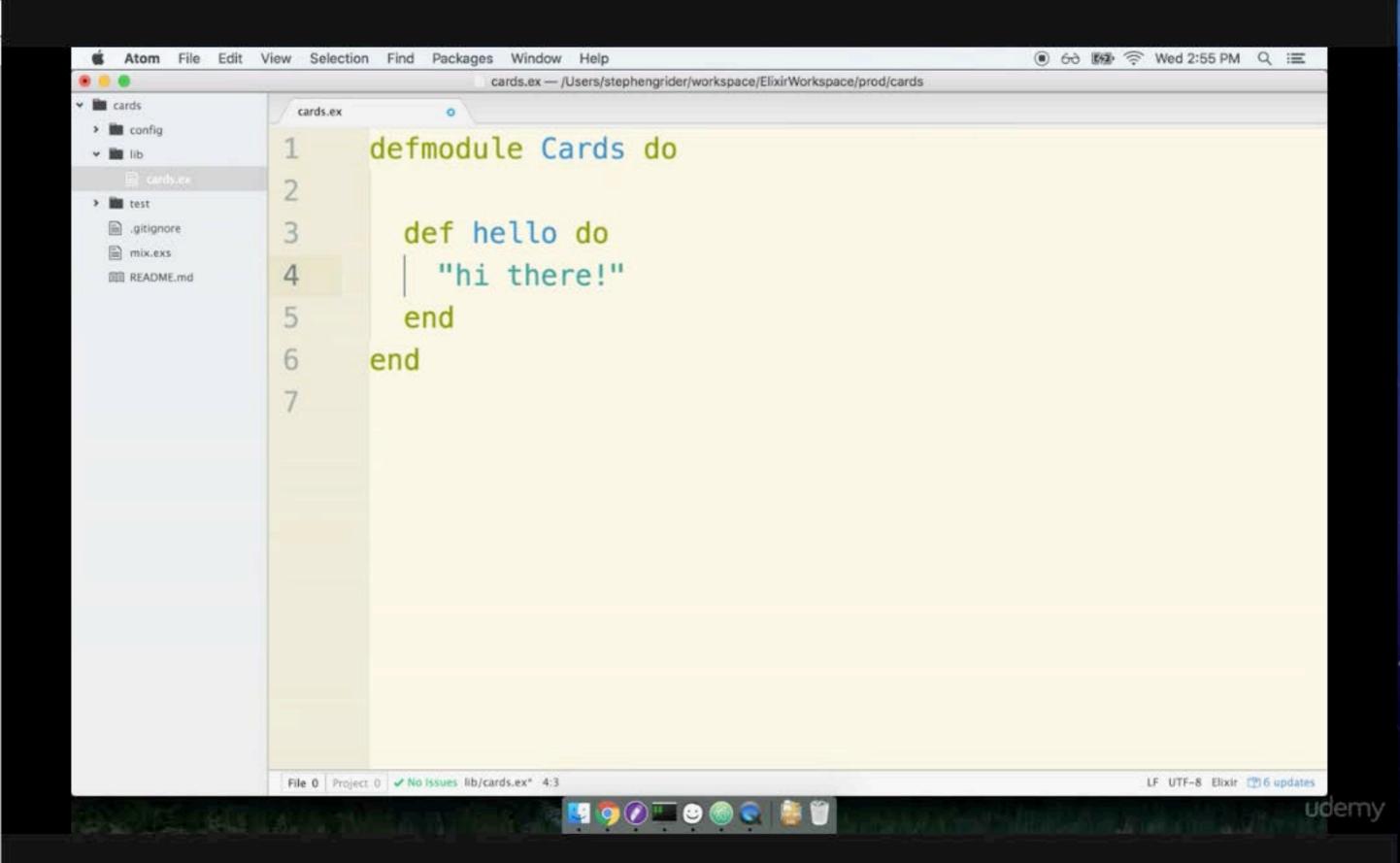
- → prod cd cards
- → cards ls

README.md config lib

mix.exs test

- → cards atom .
- → cards





1. iex -S mix (beam.smp)

→ cards iex -S mix Erlang/OTP 18 [erts-7.3] [source] [64-bit] [smp:4:4] [async-thread s:10] [hipe] [kernel-poll:false] [dtrace]

Compiling 1 file (.ex)
Generated cards app
Interactive Elixir (1.3.1) - press Ctrl+C to exit (type h() ENTER for help)
iex(1)>

LF UTF-8 Elixir 10 6 updates

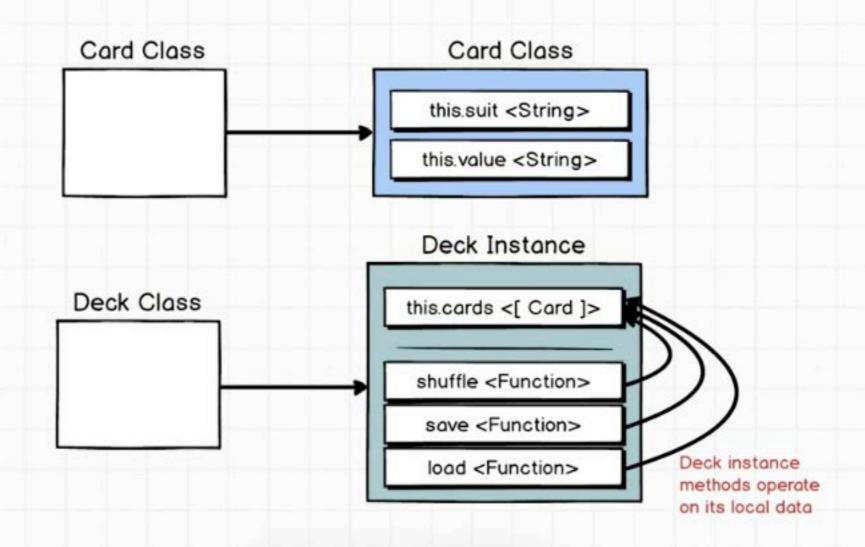
1. iex -S mix (beam.smp)

cards iex -S mix Erlang/OTP 18 [erts-7.3] [source] [64-bit] [smp:4:4] [async-thread s:10] [hipe] [kernel-poll:false] [dtrace] Compiling 1 file (.ex) Generated cards app Interactive Elixir (1.3.1) - press Ctrl+C to exit (type h() ENTER for help) iex(1) > 1 + 12 iex(2)> Cards Cards iex(3)> Cards.hello "hi there!"

iex(4)>

udemy

Cards - OO Approach



Cards - OO Approach

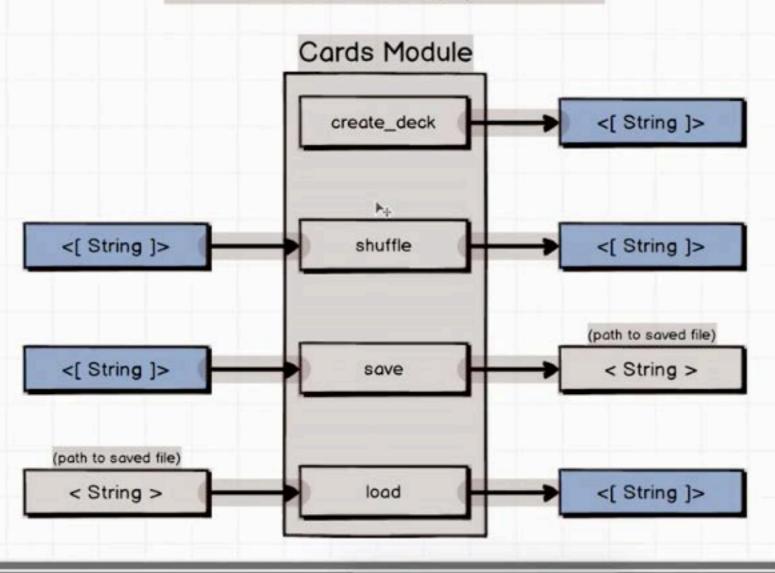
deck = new Deck; <Deck>

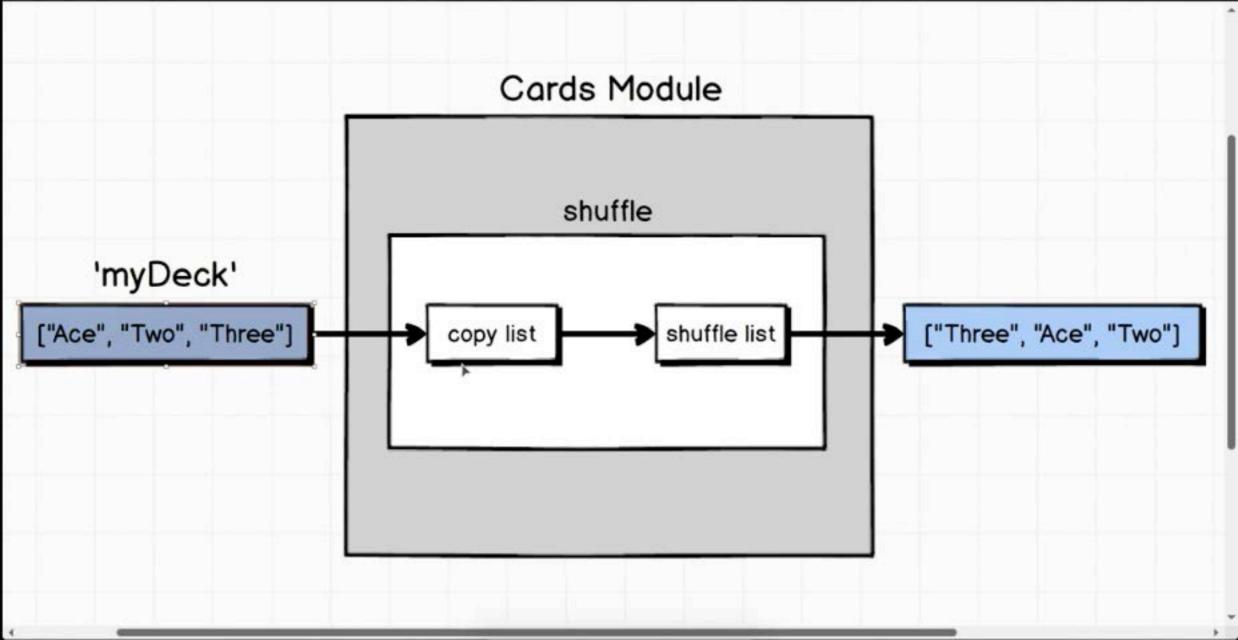
deck.cards [<Card1>, <Card2>, <Card3>]

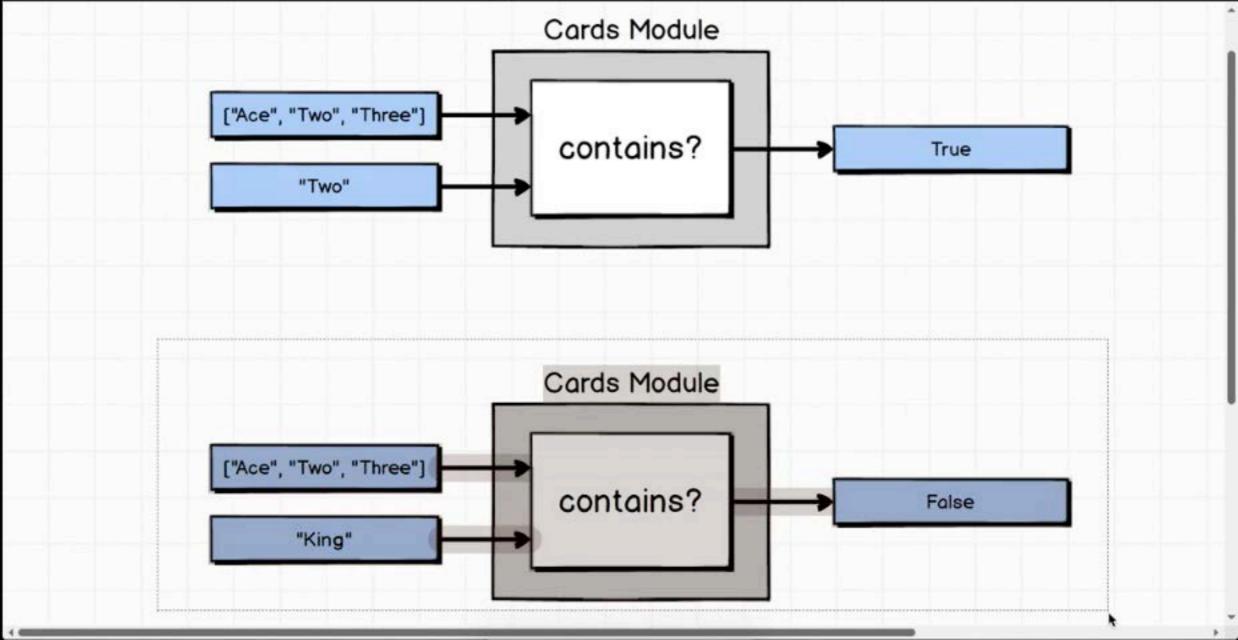
deck.shuffle [<Card2>, <Card1>, <Card3>]

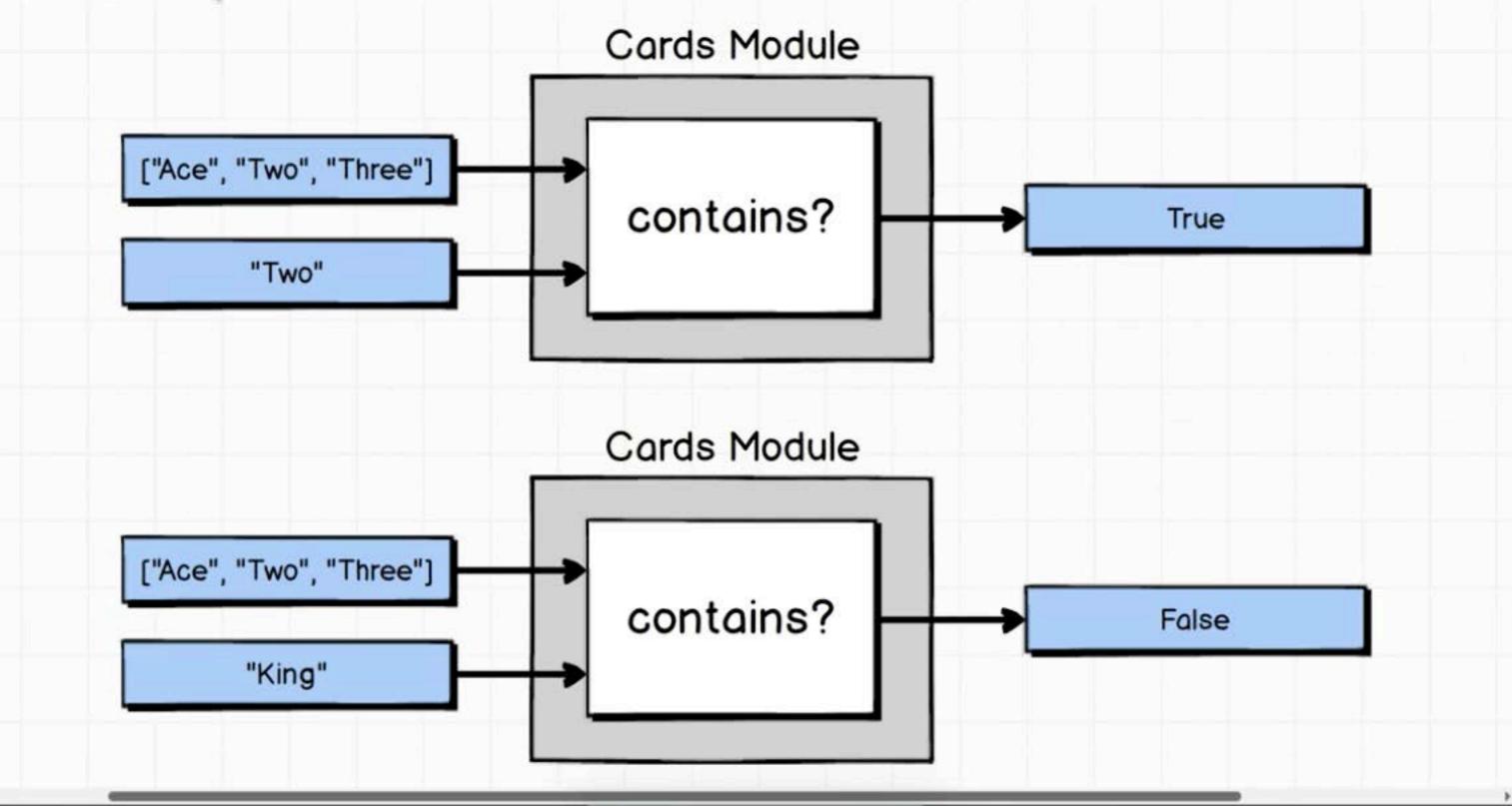
deck.deal <Deck[<Card1>] >

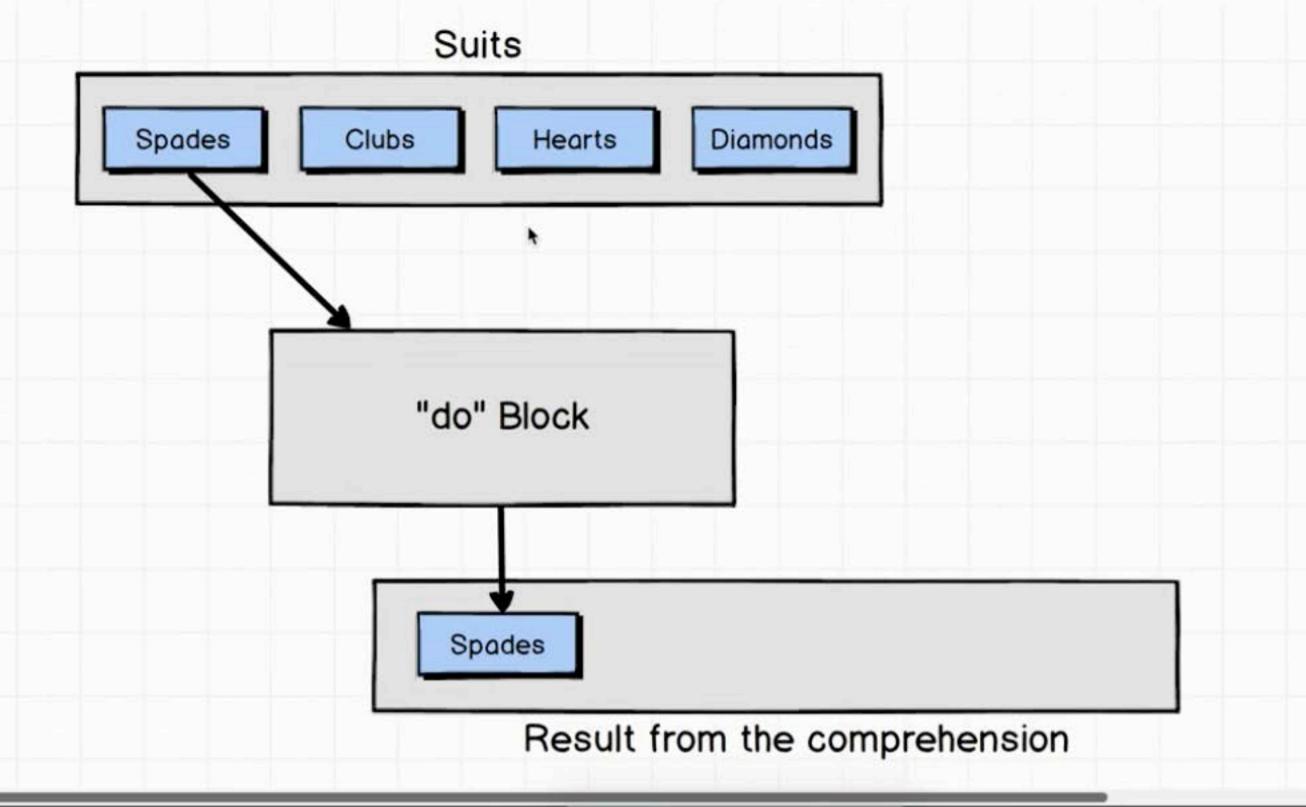
Cards - FP Approach

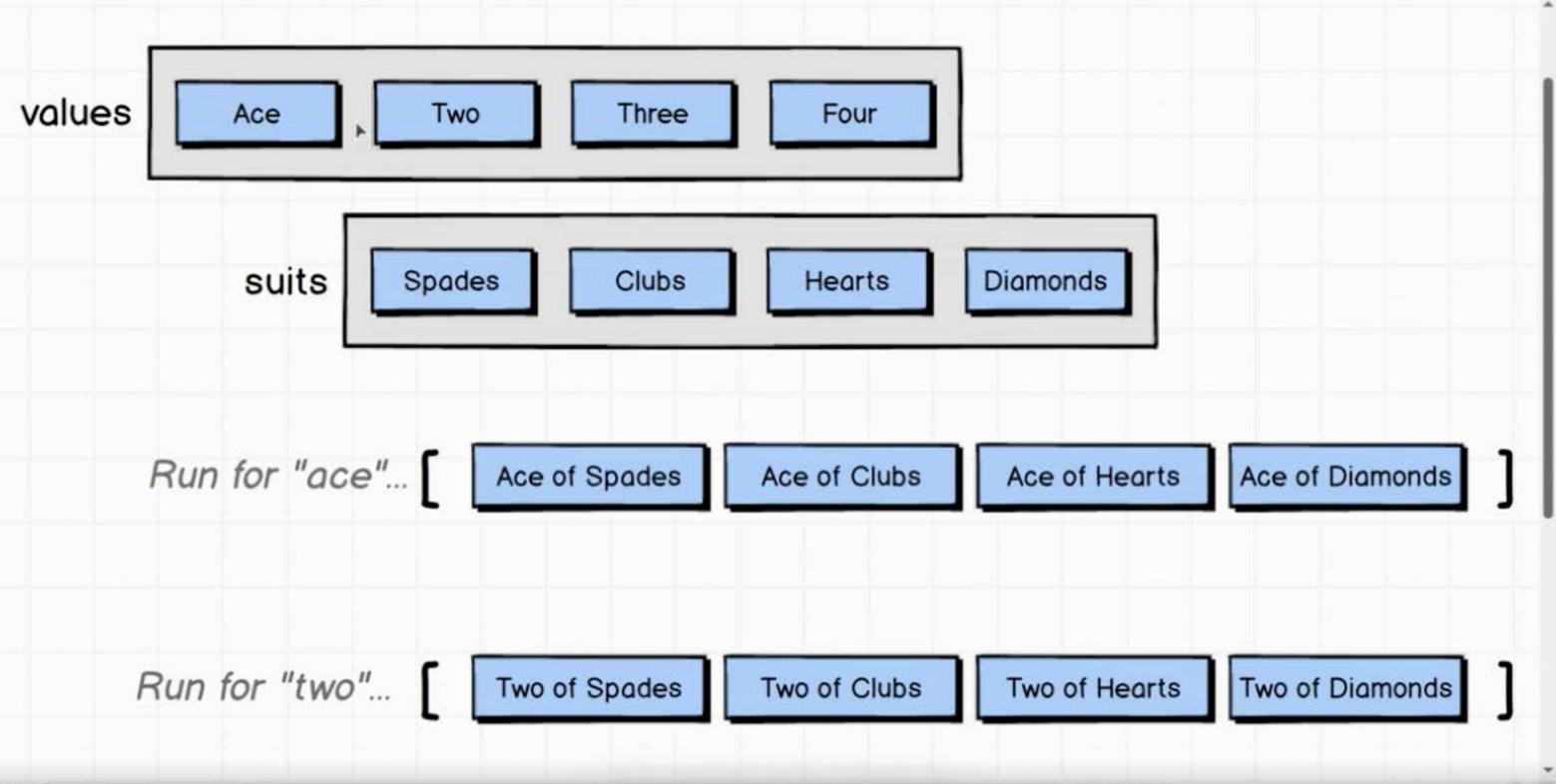


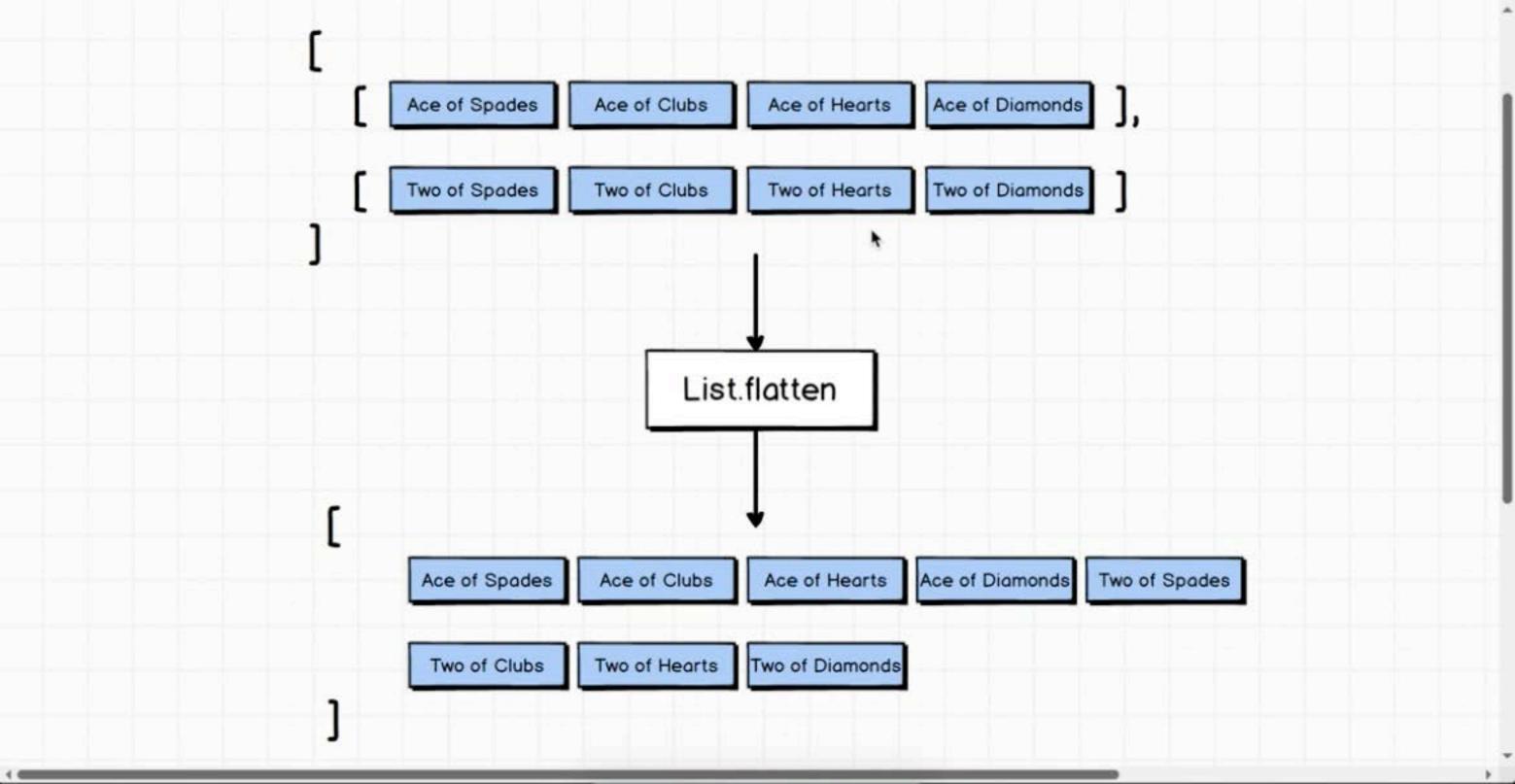




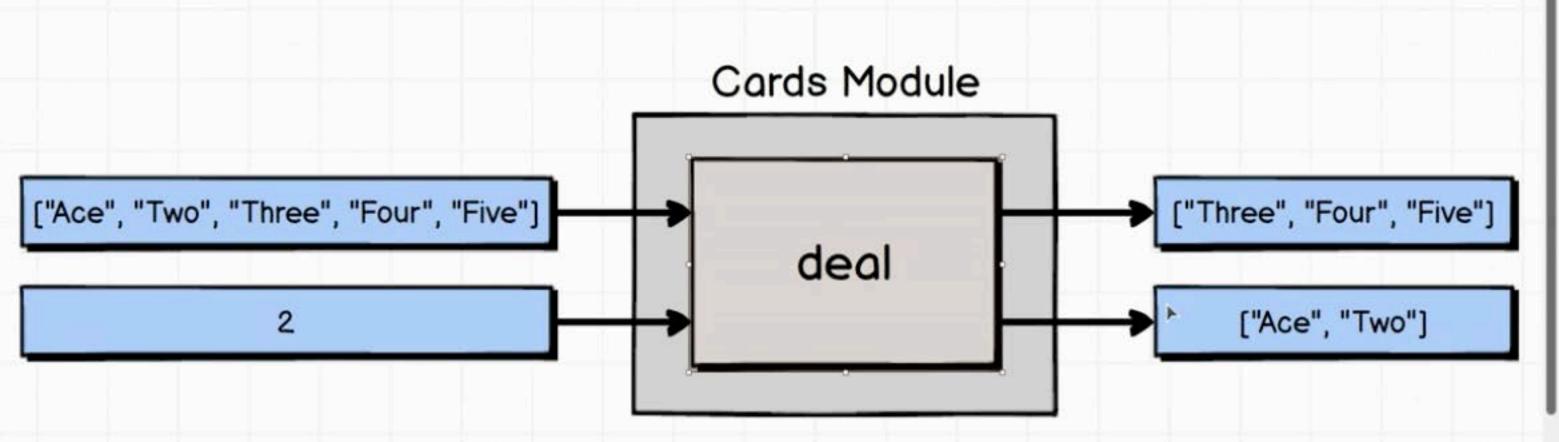








```
config
                    def create deck do
 ards.ex
                      values = ["Ace", "Two", "Three", "Four", "F
gitignore.
                      suits = ["Spades", "Clubs", "Hearts", "Diam
mix.exs
III README.md
            6
                      for suit <- suits, value <- values do
                        "#{value} of #{suit}"
                      end
                    end
          10
                    def shuffle(deck) do
                      Enum. shuffle(deck)
          12
          13
                    end
          14
                                                 File 0 Project 0 V No Issues lib/cards.ex 7:20
```







Q search

PAGES

MODULES

EXCEPTIONS

PROTOCOLS

Access

Agent

Application

Atom

Base

Behaviour

Sorts the enumerable by the given function

sort_by(enumerable, mapper, sorter \\ &<=/2)

Sorts the mapped results of the enumerable according to the sorter function

split(enumerable, count)

Splits the enumerable into two enumerables, leaving count elements in the first one. If count is a negative number, it starts counting from the back to the beginning of the enumerable

split_while(enumerable, fun)

Splits enumerable in two at the position of the element for which fun returns false for the first time

sum(enumerable)

Returns the sum of all elements

take(enumerable, count)





Q search

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Bitwise

Be aware that a negative count implies the enumerable will be enumerated twice: once to calculate the position, and a second time to do the actual splitting.

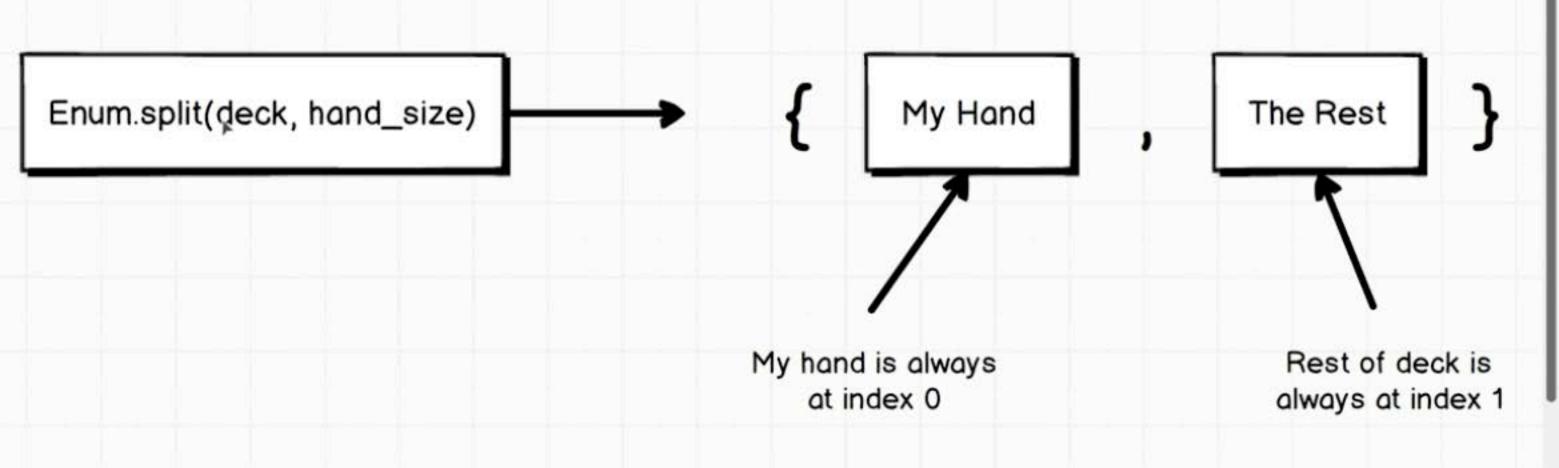
Examples

```
iex> Enum.split([1, 2, 3], 2)
{[1, 2], [3]}
iex> Enum.split([1, 2, 3], 10)
{[1, 2, 3], []}
iex> Enum.split([1, 2, 3], 0)
{[], [1, 2, 3]}
iex> Enum.split([1, 2, 3], -1)
```

```
config
            14
  ards.ex
            15
                      def contains?(deck, card) do
> m test
 gitignore.
                         Enum.member?(deck, card)
            16
 mix.exs
 III README.md
                      end
            18
            19
                      def deal(deck, hand_size) do
                         Enum.split(deck, hand_size)
            20
                      end
            22
                    end
            23
```

```
"Three of Diamonds", "Four of Diamonds",
"Five of Diamonds"]
iex(22)> Cards.deal(deck, 5)
{["Ace of Spades", "Two of Spades", "Three of Spades",
"Four of Spades", "Five of Spades"],
["Ace of Clubs", "Two of Clubs", "Three of Clubs",
 "Four of Clubs", "Five of Clubs", "Ace of Hearts",
 "Two of Hearts", "Three of Hearts", "Four of Hearts",
 "Five of Hearts", "Ace of Diamonds", "Two of Diamonds",
 "Three of Diamonds", "Four of Diamonds",
"Five of Diamonds"]}
iex(23)>
```

Acc of beamonas, two of beamonas,



4:25

```
config
                     det deal(deck, hand_size) do
                       Enum.split(deck, hand_size)
           20
 a cards.ex
> in test
           21
                     end
mix.exs
           22
                  end
III README.md
           23
                  Cards.deal(deck, 5) # { *hand*, *deck* }
           24
                  Cards.deal(deck, 5) # { hand: [], deck: [] }
           25
           26
```