Stephen

Elixir and Phoenix

How to get help -

Official Github Repo – github.com/StephenGrider – click Repositories tab – ElixirCode

Branch – each branch is for each section

Setting up elixir

* Local computer is capable of compiling and running elixir code
* Need to install elixir
* Goto goole and type “install elixir”
* <https://elixir-lang.org/install.html>
* **Erlang/OTP 26.1.1**

Installation steps I did

1. went to this link https://elixir-lang.org/install.html#windows  
   2. went to <https://community.chocolatey.org/> and install chocolatey using powershell  
   3. in an elevated powershell shell, typed choco install elixir

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Best way to learn a new prog language is to write code as soon as possible

1. Create an array of playing cards
2. Shuffle an array of playing cards
3. Create a ‘hand’ of cards
4. Given a deck and a single card, figure out if the card is in the deck
5. Save a collection of cards to a file on the local machine
6. Load a collection of cards from the local machine

Object oriented vs functional programming

How to generate a new project?

1. When you download elixir, you get a command line command out of the box called mix, which you can use to create project, compile projects, manage dependencies etc

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If “mix ” is not found, then ensure that erlang is pointing to ver 26 of erlang

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In the Cards module, we create a method called hello

Now lets see how to run this code

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Immutability in Elixir! – a new list is returned

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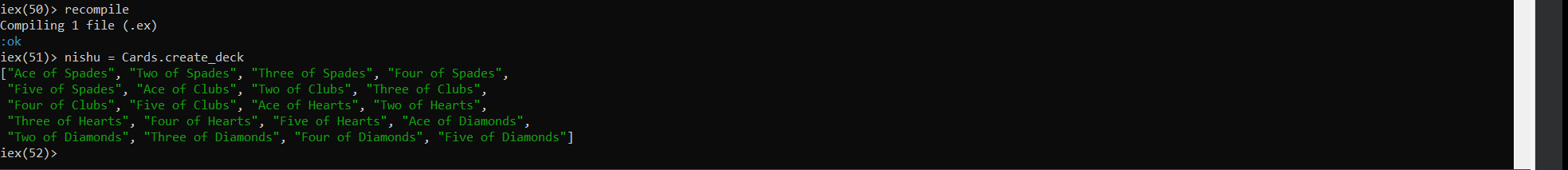
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Curly branches is another data structure in elixir called a tuple

{

}

[] array is also a data structure in elixir

How to access the values inside of a touple? – next section