Ruby on Rails

1. Ruby bevezetés

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Interactive Ruby (irb parancs)

- "Hello World!"
- puts "Hello Word!"
- 2+3*4
- 2**3
- Math.sqrt(81)

Ruby doksi: http://www.ruby-doc.org/core

Függvény definiálás (irb)

- **def** h
-    puts "Hello World!"
- **end**
- h
- h()

Függvény paraméter (h.rb script)

```ruby
#!/usr/bin/env ruby


def h(name)
  puts "Hello #{name}!"
end


h("Tirion")
```

Függvény paraméter 2.

```ruby
#!/usr/bin/env ruby


def h(name)
  puts "Hello #{name.capitalize}!"
end


h("aragorn")
```

Osztály

```ruby
class Greeter
  def initialize(name = "World")
    @name = name
  end

  def say_hi
    puts "Hi #{@name}!"
  end
end

g=Greeter.new("Rampo")
g.say_hi
#g.say_bye
#g.name
```

Osztály + „publikus" változó

```ruby
class Greeter
  attr_accessor :name

  def initialize(name = "World")
    @name = name
  end

  def say_hi
    puts "Hi #{@name}!"
  end
end

g=Greeter.new("Rampo")
g.name="Henry"
g.say_hi
```

Tömb (irb)

- a1 = [1,2,3]
- a2 = Array.**new**
- a2 << 1
- a2 << 2 << 3
- a1 == a2
- a1.each **do** |i|
-    puts i
- **end**

```ruby
class Greeter
  attr_accessor :names

  def initialize(names = nil)
    @names = names
  end

  def say_hi
    unless @names
      puts "..."
    else
      @names.each do |name|
        puts "Hello #{name}!"
      end
    end
  end
end

g=Greeter.new(["Hami","Tréfi","Törpilla"])
g.say_hi
```

```ruby
class Greeter

  ...

  def say_bye
    unless @names

      puts "..."

    else

      puts "Goodbye #{@names.join(", ")}."

    end

  end
end

g=Greeter.new(["Hami","Tréfi","Törpilla"])
g.say_bye
```

Hash (irb)

- h1 = Hash.new
- h1["Otto"]=12
- h1
- h1["Gizi"]
- h1["Kati"]=33
- h2 = {"Otto" => 12, "Kati" => 33}
- h1 == h2
- h1.each { |key,value| puts "#{key}=#{value}" }

Hash + literal (irb)

- h1 = Hash.new
- h1[:name]=”Patti”
- h1[:age]=33
- h2={ name:”Patti”, age:33 }
- h1==h2

Gyakorlás! :)