



eleGant

Ruby



Who is Gant?



Published Author

Out of work Cover Model

15+ Years Web Dev

Teaches / Speaks / Volunteers

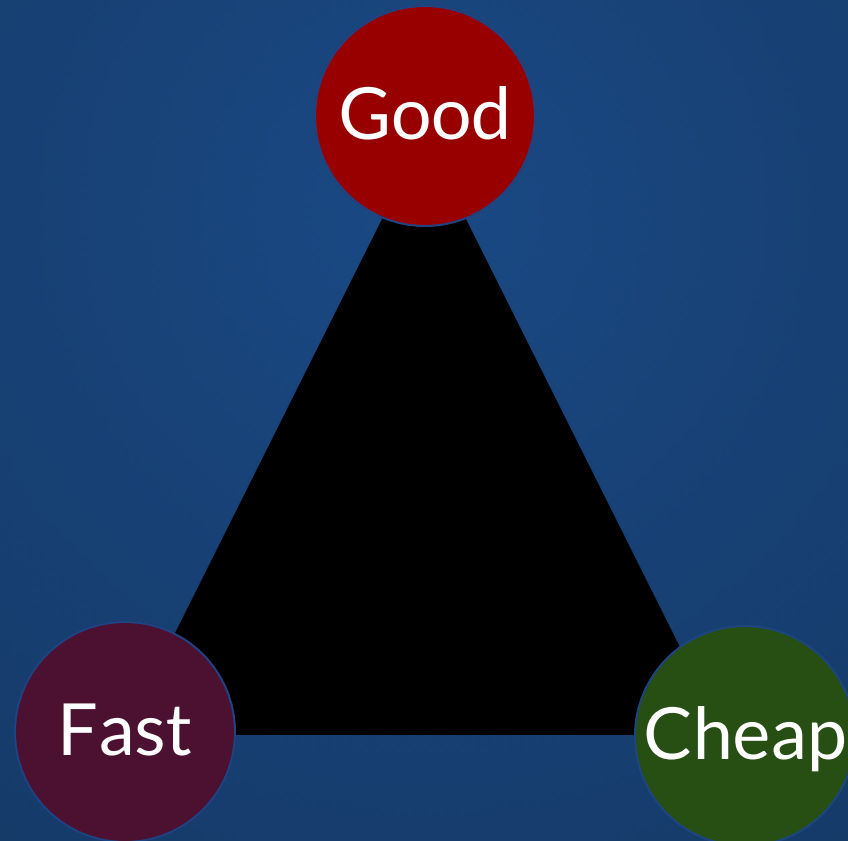
Likes Tacos



I totally paid for this image.

WHY?

eleGant Ruby



eleGant Language

Ruby

```
def paidMore amount
  proc { |e| e.salary > amount }
end
```

C#

```
public Predicate<Employee>
PaidMore(int amount) {
  return delegate(Employee e) {
    return e.Salary > amount;
  }
}
```

snake_case vs camelCase

Bonita Sharif and Jonathan Maletic from the Department of
Computer Science Kent State University

TCP_IP_connection vs tcpIpConnection etc.

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Roadmap

Basics

Linting

Concepts

Basics

Making Code Beautiful

RReadability

it's important!!!

Names

```
def do_needed_actions_to_item e
  e.write
  e.save
end
```

????????????????????????????

Keep Methods Small



~~No Negativity~~

Stay Positive

You're the narrator. It's your job to guide clearly.

Stay Positive

Modus Ponens

- If A then B
- A
- therefore B

If I get off of work early then I will go with you.

I got off of work early.

Therefore I will go with you.

Stay Positive

Modus Tollens

- If A then B
- Not B
- therefore not A

If a stranger shows, the dog will bark.

The dog did not bark

Therefore a stranger did not show.

- The Hound of the Baskervilles

I WON'T NOT USE NO
DOUBLE NEGATIVES
I WON'T NOT USE NO
DOUBLE NEGATIVES
I WON'T NOT USE NO
DOUBLE NEGATIVES
I WON'T NOT USE NO
DOUBLE NEGATIVES
I WON'T NOT USE NO
DOUBLE NEGATIVES
I WON'T NOT USE NO
DOUBLE NEGATIVES



Stay Positive

Stay Positive

```
if !user.is_full?  
  tacos.deploy  
end
```



```
unless user.is_full?  
  tacos.deploy  
end
```

```
unless @breakfast == nil  
  Takeout.deliver(@breakfast)  
end
```



```
if @breakfast  
  Takeout.deliver(@breakfast)  
end
```

```
Takeout.deliver(@breakfast) if @breakfast
```

Linting

Keeping Code Beautiful

Linting with Rubocop *et al.*

Linting
should be friendly

REMEMBER - It's about people

Git-Hooks

linting on commit

Moving hooks to the repo:

<https://github.com/icefox/git-hooks>

Concepts

Beauty in Abstraction

Ruby Fan-boy Checklist

- OOP
- Dynamic
- Interpreted
- Multi-platform
- Garbage Collection
- Open Source
- Intuitive / Expressive
- Community
- Maturity

Higher-order Functions

Others are first-order functions

NOT TO BE CONFUSED WITH first-class functions

Functional Programming

map, collect, select, reject, find, any?, all?, sort

Blocs Procs and Lambdas



The Need

```
Array.new(5)  
=> [nil, nil, nil, nil, nil]
```

```
Array.new(5, 100)  
=> [100, 100, 100, 100, 100]
```

```
Array.new(5, rand(100))  
=> [65, 65, 65, 65, 65]
```

```
Array.new(5) { rand(100) }  
=> [55, 69, 5, 68, 54]
```

Let's Code

Examples of Closures

Everyone Confused?

GOOD!

<https://github.com/gantman/eleGant>

THE END

Applause