

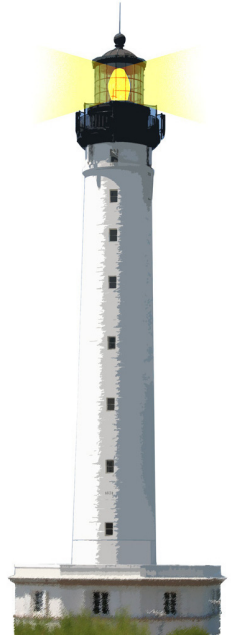
Exercises for Essence of Dispatch

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W2S11



<http://www.pharo.org>



Three Questions

1. Implement `not`
2. Implement `|` (or) and `ifTrue:ifFalse:`
3. What is the goal of these exercises?



Exercise 1: Implement not

Propose an implementation of `not` in a world where:

- You have: `true`, `false`
- You only have objects and messages
- How would you implement: `not`?

`false not`

→ `true`

`true not`

→ `false`

Exercise 2: Implement | (or)

Propose an implementation of `or` in a world where:

- You have: `true`, `false`
- You only have objects and messages
- How would you implement: `not`?

```
true | true -> true  
true | false -> true  
true | anything -> true
```

```
false | true -> true  
false | false -> false  
false | anything -> anything
```

Exercise 3: Why These Exercises?

- You are never going to implement Booleans in your life
- So why do we think these exercises are so important?



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