

Assignment Two

Brae & Emily & Tom

April 23, 2018

CSSE2002: Programming in the Large

Getting Started

1. Download `supplied.zip` and `doc.zip` from blackboard
2. Load the extracted contents of `supplied.zip` into IntelliJ - refer to week two slides

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The supplied code **will not compile** when initially loaded. Some code needs to be written (by you) before it will compile. This is stated in the task sheet.

Where To Start?

Start with classes that don't have dependencies (e.g. Pair)

MapIO is hard (IO has not yet been covered)

Start with classes top of the hierarchy (e.g. Thing)

The order specified in the task sheet is a good starting point

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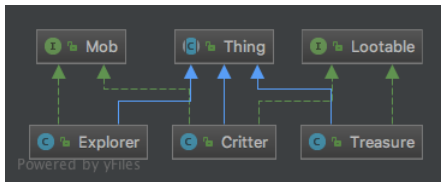
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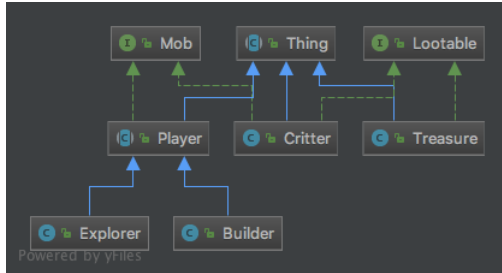
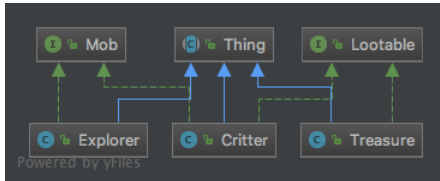
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In Joel's solution he has used `Collections.unmodifiableList` and `Collections.unmodifiableMap` when returning a instance variables. Do I need to know this?

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No. You were not expected to know these methods.

```
return Collections.unmodifiableList(this.contents);

return new ArrayList<Thing>(this.contents);

List<Thing> results = new ArrayList<Thing>();
for (Thing thing : this.contents) {
    results.add(thing);
}
return results;
```

Exceptions

Exceptions do not need to be complicated.

```
public class CrawlException extends Exception {}  
  
public class NullRoomException extends CrawlException  
    {}
```

There is no need to add a constructor or any extra methods to exceptions.