

Brutal Refactoring Game

Code Smell?

See a code smell -> Refactor!

List of Code Smells

TDD, Naming

- Lack of Tests
- Name not from domain
- Name not expressing intent

Code

- Unnecessary if
- Unnecessary else
- Duplication of constant
- Primitive obsession

Code Size, Responsibilities

- Method does more than one thing
- Feature envy
- Method too long (> 6 lines)
- Too many parameters (> 3)

Test Smells

- Test – Not unitary
- Test – Setup too complex
- Test – Unclear act
- Test – More than one assert
- Test – No assert
- Test – Too many paths

[https://github.com/dtanzer/
babystepstimer](https://github.com/dtanzer/babystepstimer)

```
private void press(String command) throws InterruptedException {  
    BabyStepsTimer.timerPane.getHyperlinkListeners()[0].hyperlinkUpdate(  
        new HyperlinkEvent(BabyStepsTimer.timerPane,  
            HyperlinkEvent.EventType.ACTIVATED, null,  
            "command://" + command));  
    Thread.sleep(50L);  
}
```