



Annotations Are Evil

Аннотации - это зло

Yegor Bugayenko

jbreak;



Д'Артаньян и три мушкетёра (1978)

“Егор в своем стиле: все
гондурасы, а я д'Артаньян.”

jbreak;



The Evil Cult (1993)

“Попал как будто на выступление
лидера какой-то секты.”

jbreak;



The Silence of the Lambs (1991)

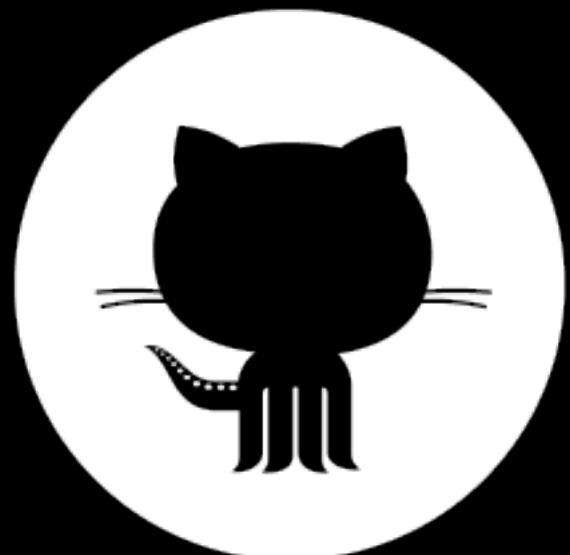
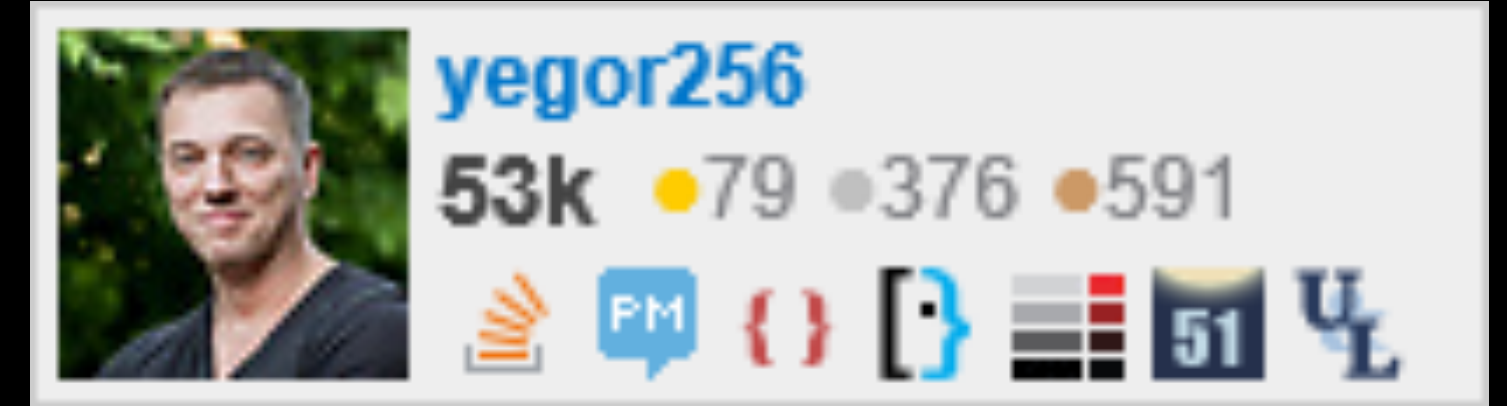
“Автор — маньяк.”

since
1988

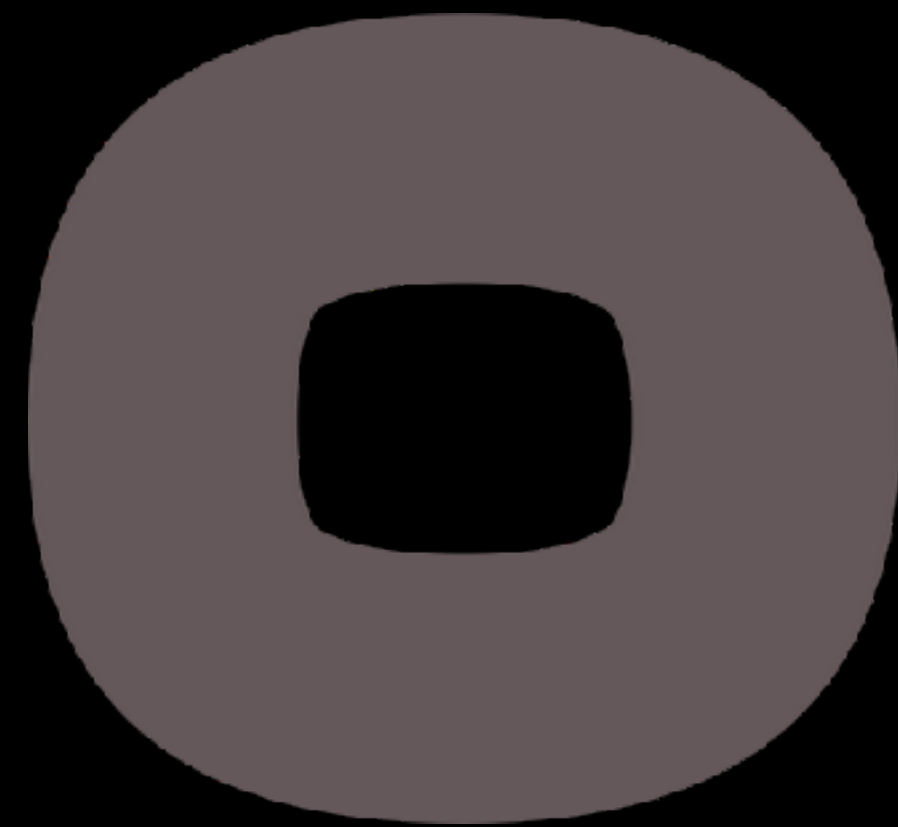
takes.org
jcabi.com
rultor.com
jare.io



2007



1000+



250+



14000+





Baruch Sadogursky ✓

@jbaruch

Following



Пора уже [@yegor256](#) основать реформаторское течение [#trueoop](#). Все слушатели сегодняшнего доклада на [#jpoint](#) уже новообращенны. Нужны ритуалы!

🌐 Translate from Russian

RETWEETS

4

LIKES

14



2:36 AM - 24 Apr 2016

↩ 9

↻ 4

♥ 14

Compiler: @Override, @Deprecated, @SuppressWarnings

DI: @Inject, @Singleton, etc.

Serialization: @XmlElement, etc.

Validation: @NotNull, etc.

Behavior: @GET, @Transaction

AOP: @RetryOnFailure, @Cacheable

Unit testing: @Test, @Before, @Rule, etc.

Lombok: @ToString, @EqualsAndHashCode, etc.

Something else?...

```
class Page {  
    @GET  
    String index() {  
        return "Hello, world!";  
    }  
}
```



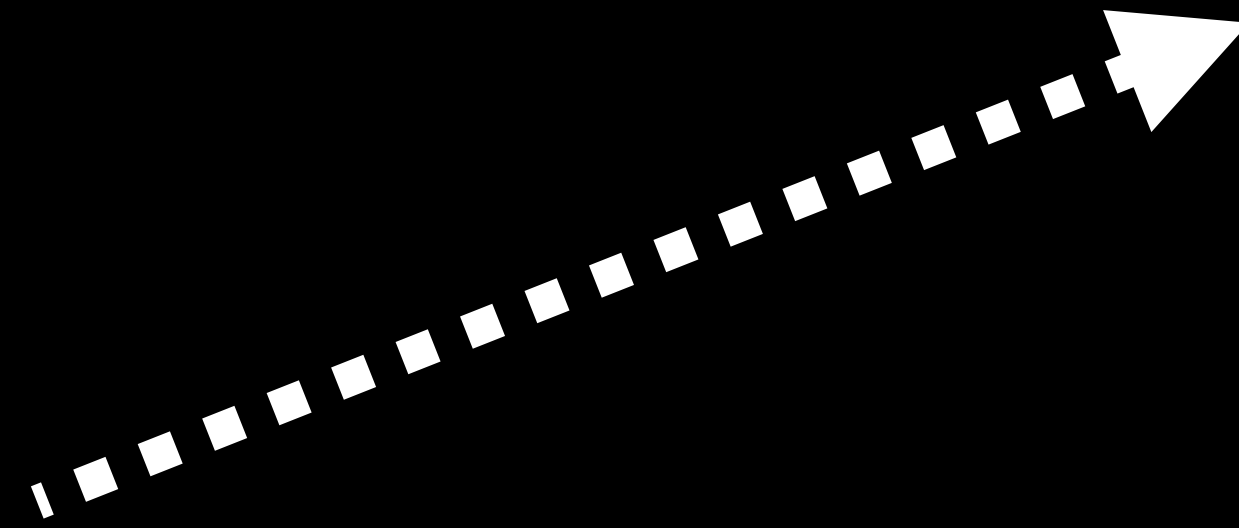
```
class Page {  
    String index(Request request) {  
        if (request.method().equals("GET")) {  
            return "Hello, world!";  
        }  
        return "Method not allowed";  
    }  
}
```

```
class Page {
    @GET
    String index() {
        return "Hello, world!";
    }
}
```

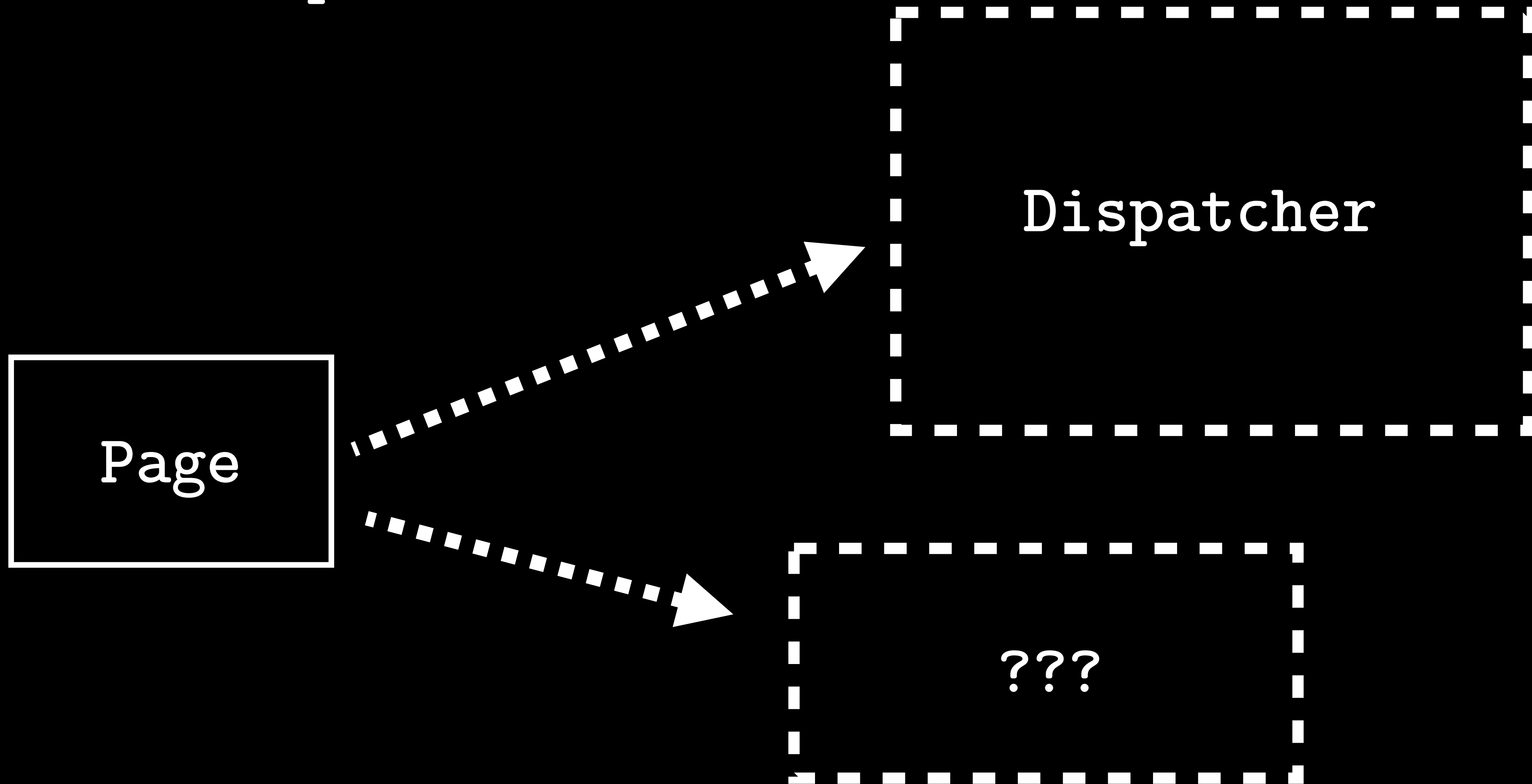
```
class Dispatcher {
    String dispatch(Page page, Request request) {
        if (request.method().equals("GET")
            && page.getClass().getMethod("index")
                .isAnnotationPresent(GET.class)) {
            return page.index();
        }
        return "Method not allowed";
    }
}
```



1 upside down



2 unclear dependencies





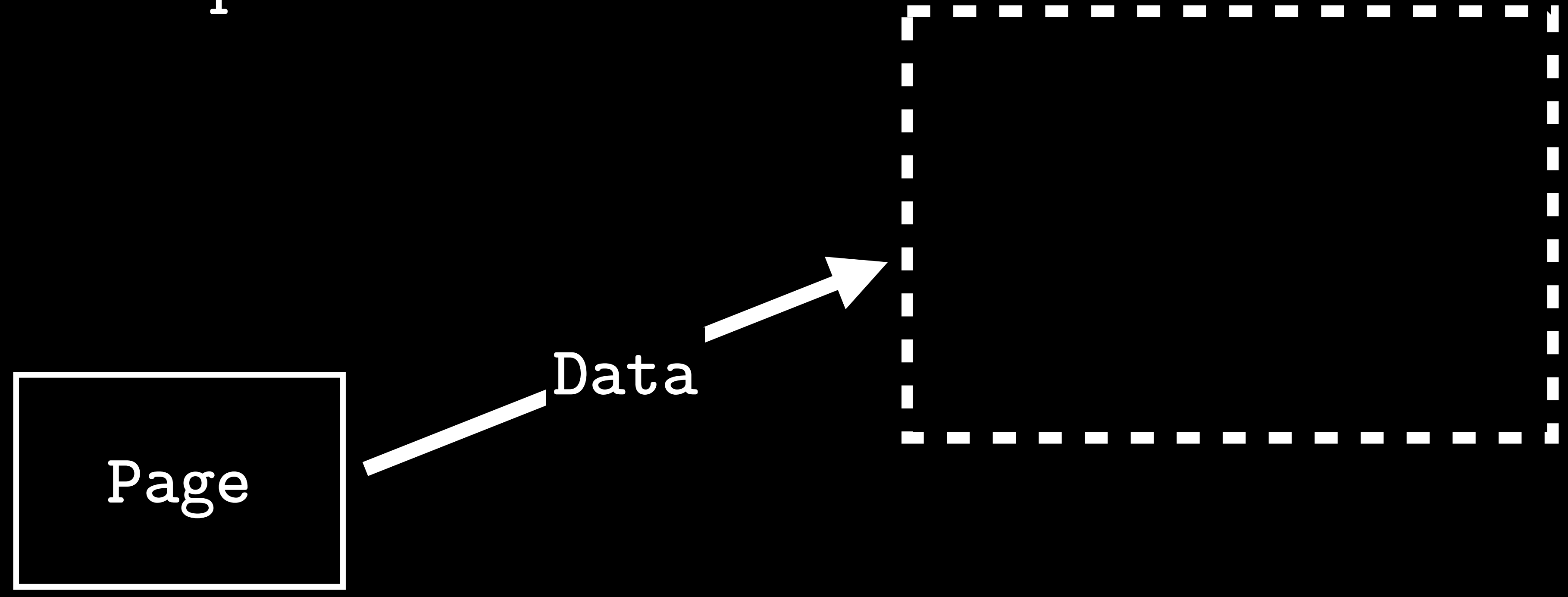
ДМБ (2000)

—Ты BeanPostProcessor видишь?

—Нет.

—А он есть!

3 no encapsulation

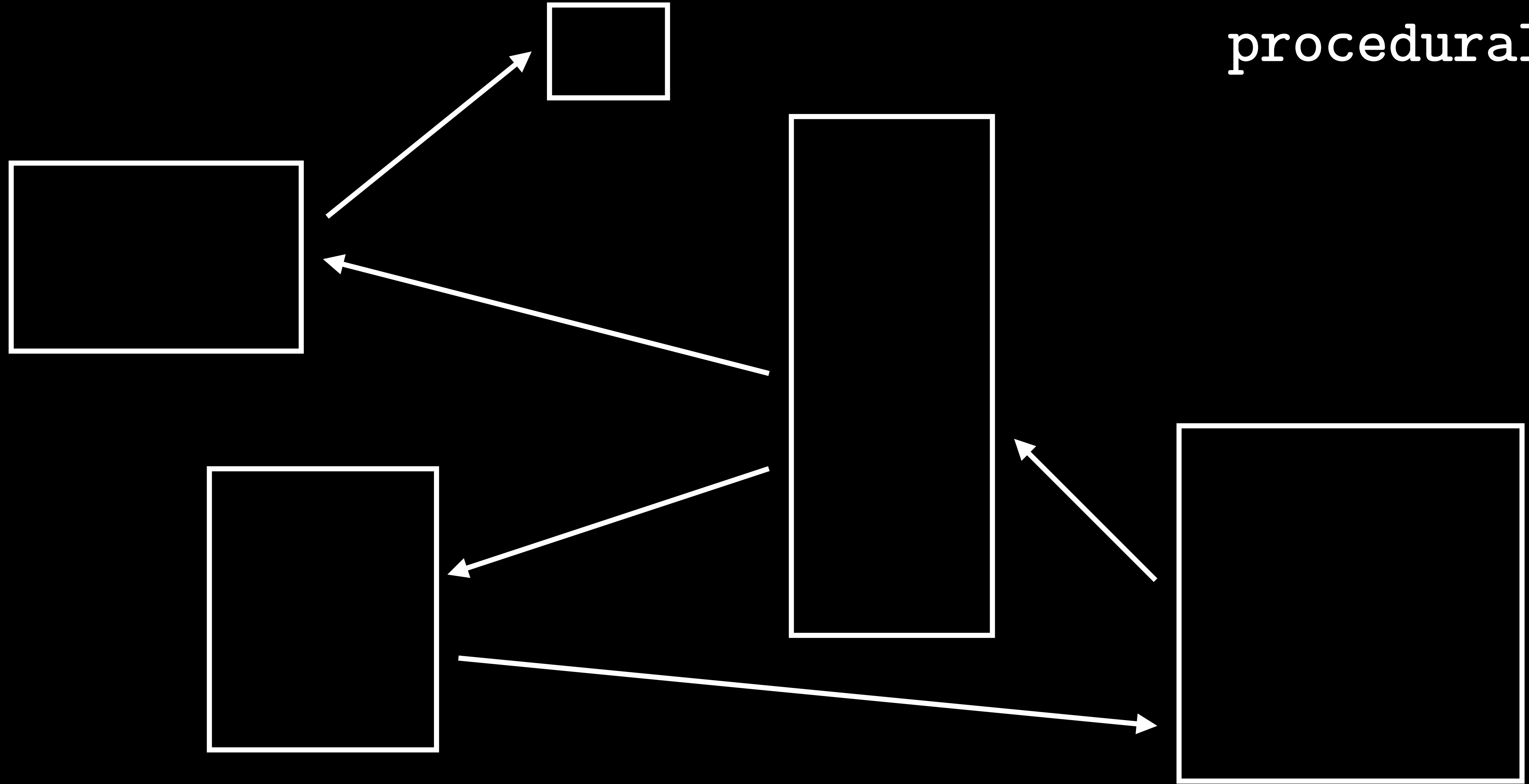


```
class HelloPage implements Page {
    @Override
    String index(Request request) {
        return "200 Hello, world!";
    }
}
```

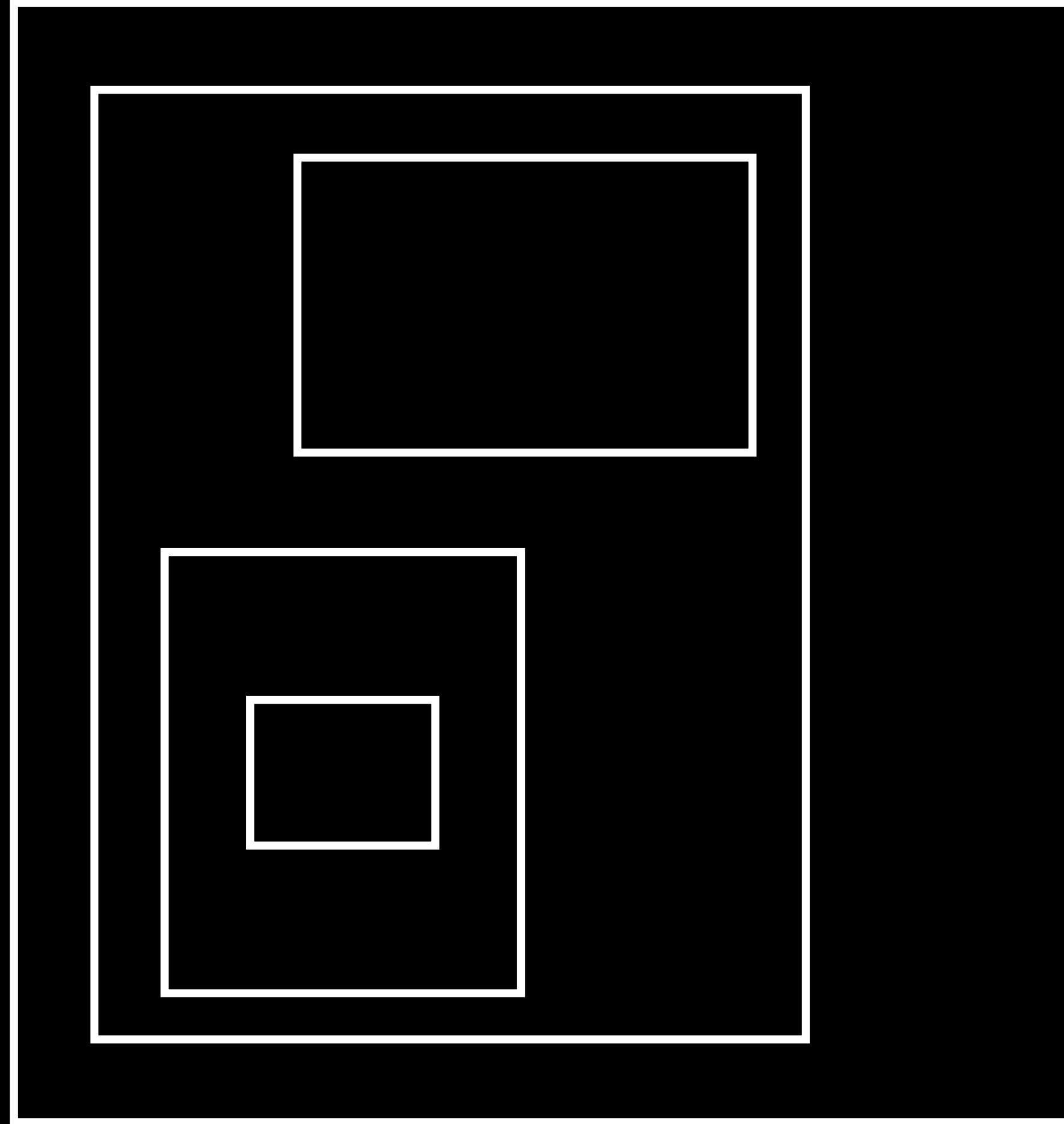
```
class GETPage implements Page {
    private final Page page;
    @Override
    String index(Request request) {
        if (request.method().equals("GET")) {
            return page.index();
        }
        return "Method not allowed";
    }
}
```



procedural



object-oriented



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Lombok: @ToString, @EqualsAndHashCode, etc.



Can I see the code?

Можно ли посмотреть код?



The Shining (1980)



yegor256.com