

Как изучить Java за 10 лет

Copyrighted Material

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Sams **Teach Yourself**

# Java<sup>TM</sup>

in **24**  
**Hours**

A blurred background image of a digital clock face, showing the numbers 11 and 12.

Copyrighted Material

**Days 1 - 10**

Teach yourself variables, constants, arrays, strings, expressions, statements, functions,....



**Days 11 - 21**

Teach yourself program flow, pointers, references, classes, objects, inheritance, polymorphism, ....



**Days 22 - 697**

Do a lot of recreational programming. Have fun hacking but remember to learn from your mistakes.



**Days 698 - 3648**

Interact with other programmers. Work on programming projects together. Learn from them.



**Days 3649 - 7781**

Teach yourself advanced theoretical physics and formulate a consistent theory of quantum gravity.



**Days 7782 - 14611**

Teach yourself biochemistry, molecular biology, genetics,...



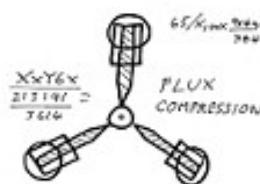
**Day 14611**

Use knowledge of biology to make an age-reversing potion.



**Day 14611**

Use knowledge of physics to build flux capacitor and go back in time to day 21.



**Day 21**

Replace younger self.



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As far as I know, this is the easiest way to "Teach Yourself C++ in 21 Days".



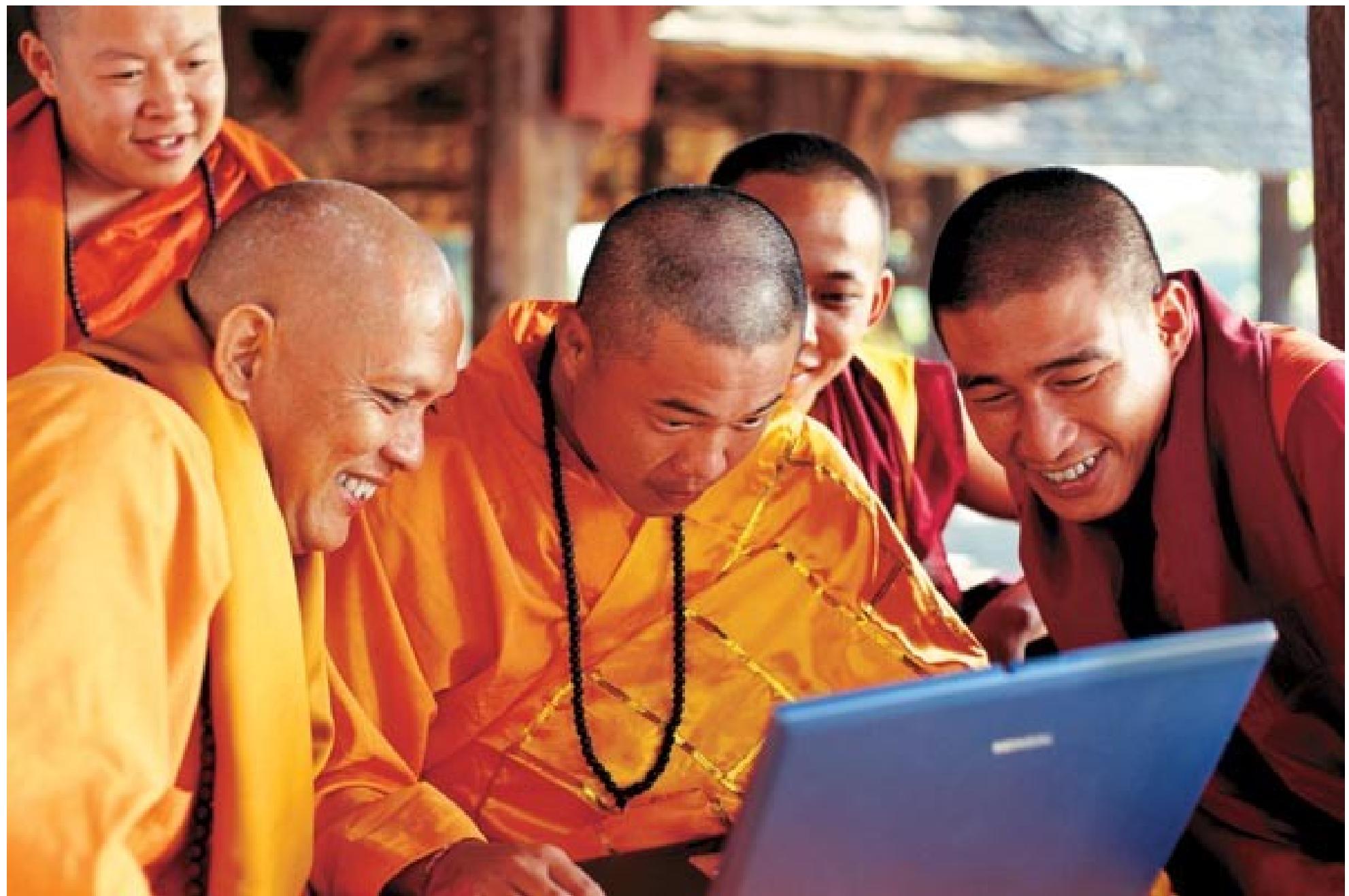
# Teach Yourself Programming in Ten Years

<http://norvig.com/21-days.html>

Most good  
programmers do  
programming not  
because they expect  
to get paid or get  
adulation by the  
public, but because it  
is fun to program.

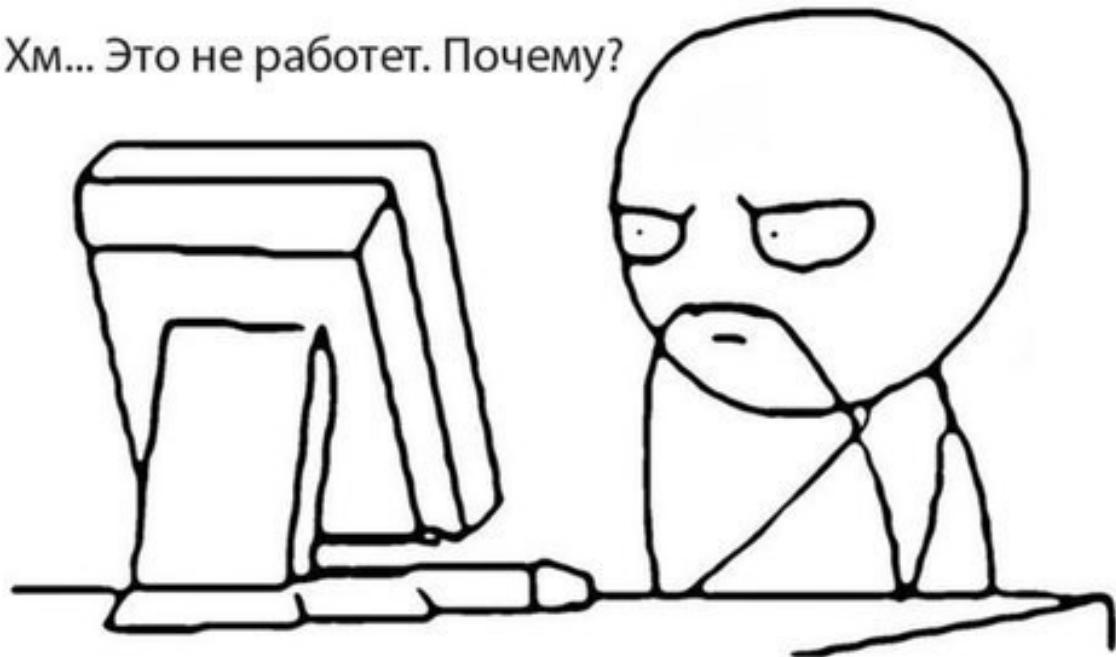




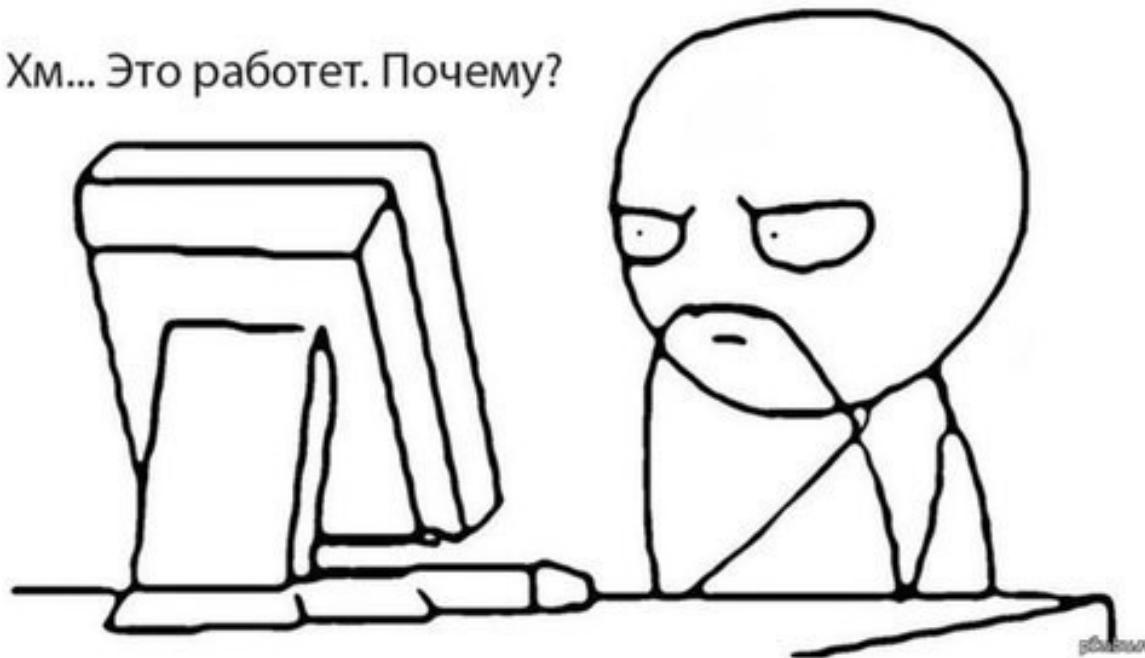




Хм... Это не работает. Почему?



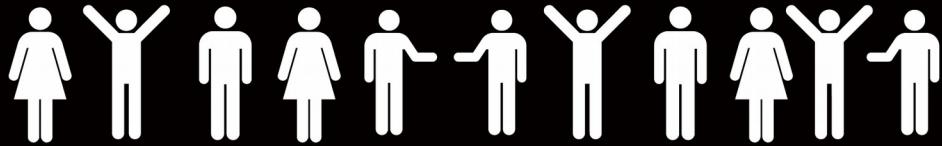
Хм... Это работает. Почему?



```

S/(.*)_ \(.*)\ (\.*_) \(.*)\ /V0YX\3B/
HEIGH1 =< HEIGHT2 > OPTIONS = [P1 / REST]
INDEX 7 index mul 1 index add 4 index 1 index get sub
32    if (REGEXP(explined:explinedx).me.) then
      IF ASCII(LEFT($1,$1)) = LEFTNT$ = RIGHT($1$,LEN($1$)-1)
words.filter( function(w){return pat.test(w)} ).length
for (Map.Entry<String, Integer> e : crt.entrySet()) {
  while lef + 1e-12 < rig do begin
    SS = lists:foldl(fun(E, A) -> E * E + A end, o, D),
    all((a < B(i) for i, a in enumerate(A)))
    if (MMX[v][i] && (pa[i] == -1 || (u[pa[i]] && dfs(pa[i]))))

```



# WHAT LANGUAGE DO YOU SPEAK?

code jam presented by Google

"hello, world!"

# SUPERCODER 2000

Air-cooled coding keyboard for professional use.

Done

0

1

- Многопоточность
- Базы данных (JDBC, JPA)
- Разбор XML (DOM, SAX, StAX, JAXB)
- Графические интерфейсы (Swing, JavaFX)
- Java EE
- Java ME / Android

- VisualVM
- Flight Recorder / Java Mission Control
- jps, jstack, jmap, jhat
- Java Management Extensions (JMX)

- YourKit, JProfiler
- Eclipse Memory Analyzer
- Checkstyle, FindBugs, PMD
- JUnit, TestNG
- Mockito, AssertJ, XMLUnit, HttpUnit
- Java Microbenchmark Harness (JMH)
- JCov, JaCoCo, Clover, EMMA
- Ant, Maven, Gradle

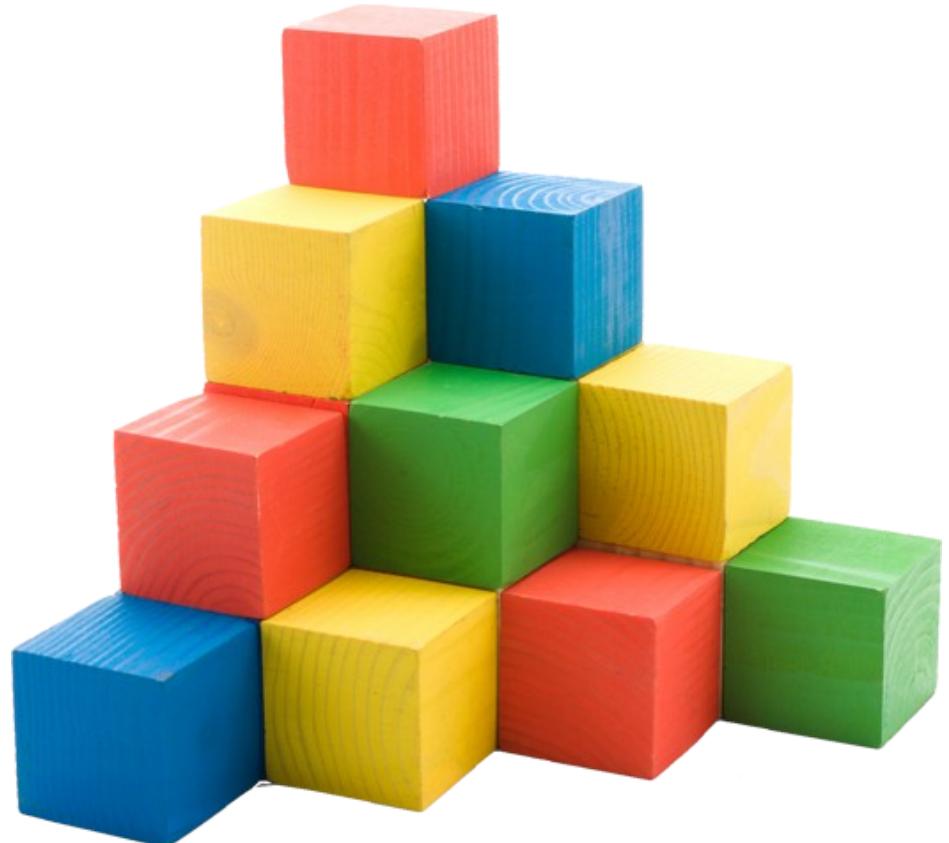
## Шаблоны проектирования:

- Abstract Factory
- Proxy
- Adapter
- Builder
- Visitor
- Observer
- Singleton

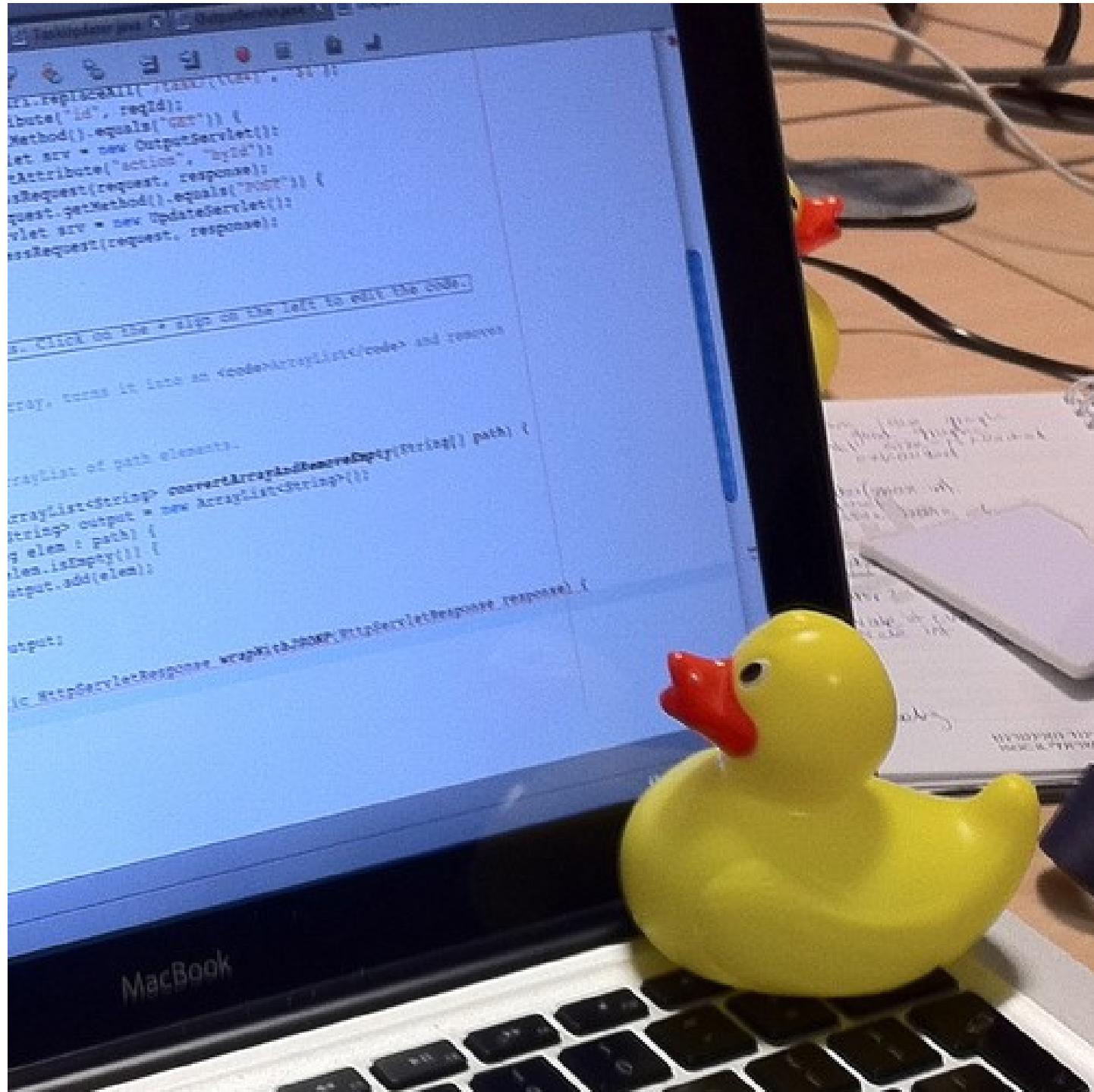
## Принципы проектирования:

- SOLID
- KISS
- YAGNI
- DRY

- Spring
- Guice
- Guava
- Apache Commons
- SLF4J
- GSON
- Hibernate
- Netty
- Akka
- Spark
- Hadoop
- Lucene



- Version Control Systems:
  - Git, Mercurial, Subversion
- Continuous Integration
  - Hudson, Jenkins, TeamCity
- Code Review:
  - Crucible, Gerrit, Review Board
- Bug Trackers:
  - BugZilla, JIRA, Redmine, TRAC
- Wikis
  - Confluence, DokuWiki, MediaWiki



- Хабрахабр
- Подкаст «Разбор полетов»
- Конференции Joker, JPoint
- Встречи JUG.ru
- Группы по Java в соц. сетях
- StackOverflow
- Рассылки на openjdk.net





KEEP  
CALM  
AND  
LOVE  
JAVA