

# Kodkata

Övning med syfte

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# ~~Kodkata~~ Övning med syfte

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Övertygelse

Förståelse

Övningsformer & exempel

Inspirera



*“How do you get to be a great musician? It helps to know the theory, and to understand the mechanics of your instrument. It helps to have talent. But ultimately, greatness comes from practicing; applying the theory over and over again, using feedback to get better every time.*

*How do you get to be an All-Star sports person? Obviously fitness and talent help. But the great athletes spend hours and hours every day, practicing.”*



*“But in the software industry we take developers trained in the theory and throw them straight in to the deep-end, working on a project. It’s like taking a group of fit kids and telling them that they have four quarters to beat the Redskins (hey, we manage by objectives, right?). In software we do our practicing on the job, and that’s why we make mistakes on the job. We need to find ways of splitting the practice from the profession. We need practice sessions.”*

Dave Thomas



# Övning för utvecklare



# Code Kata







# Mer kod?



# Motivation



# Syfte



# Kodandet - inte koden



# Misslyckas



# En katas egenskaper



# Kort



# Självständig





# Greppbar



# Syfte



# Fizz Buzz

# Faktorisering

# Tennis

# Bowling



# Stack

## (Länkad) Lista



# Syfte

# Reflektion

# Tid



# Återkoppling



# Dojo



# Prepared Kata





# Randori Kata



# Timebox

# Red-Green-Refactor



# Fragmenterat Acceptera kod Scenskräck



Positivt  
Negativt  
Överraskande  
Förslag



# TDD

# Refactor

# Kortkommandon



# Inte bara kata



# Problemlösning

## Nya verktyg

# Produktionskod



# Länkar om utveckling och kodkata

- [http://codekata.pragprog.com/codekata/2007/01/code\\_katahow\\_it.html](http://codekata.pragprog.com/codekata/2007/01/code_katahow_it.html)
- <http://cleancoder.posterous.com/the-transformation-priority-premise>
- <http://www.caelumobjects.com/2011/01/13/evolving-software-and-improving-algorithms/>
- <http://butunclebob.com/ArticleS.UncleBob.TheBowlingGameKata>





# Länkar till kodkator

- <http://codingdojo.org>
- <http://codekata.pragprog.com>
- <http://amirrajan.net/Blog/code-katas-poker>
- <https://github.com/emilybache/Refactoring-Katas>



# Länkar till problem

- <http://projecteuler.net>



