#### Kodkata

Övning med syfte

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### Övertygelse Förståelse Ovningsformer & 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



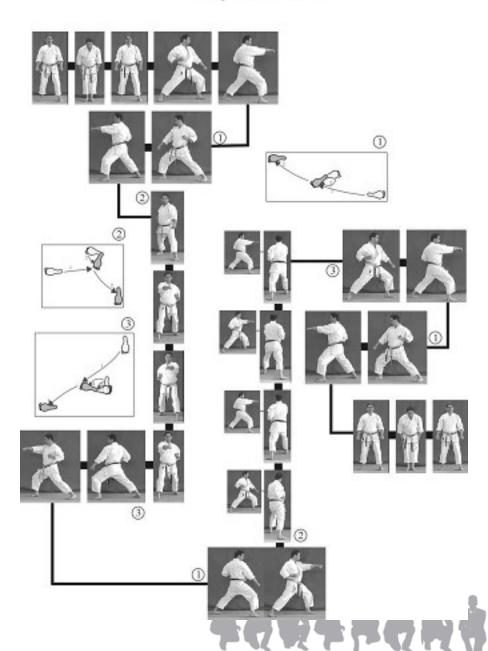


### Code Kata





#### Taikyoku Shodan





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### 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 Overraskande 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://cleancoder.posterous.com/the-transformationpriority-premise
- http://www.caelumobjects.com/2011/01/13/evolvingsoftware-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





