

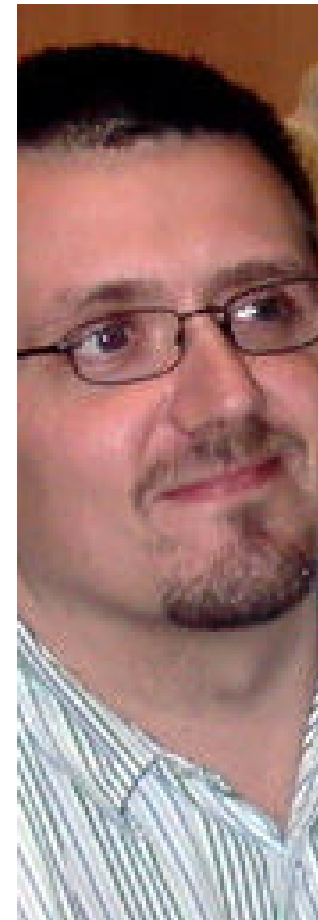
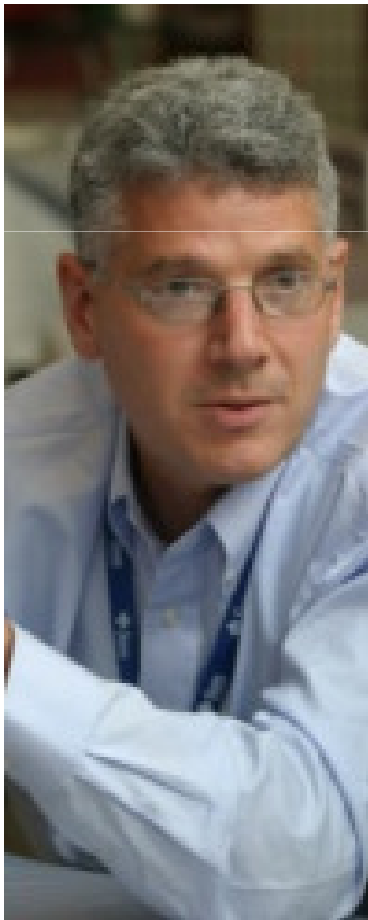
Što ćemo sa Scalom?

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CROZ d.o.o.

Sretan rođendan, Scala!



The A-team with a B-plan



Novi jezik na Java platformi

- *Statically typed*
- 2-5 puta kraći kod
- Moćan
- Potpuno kompatibilan s Javom
- Brz

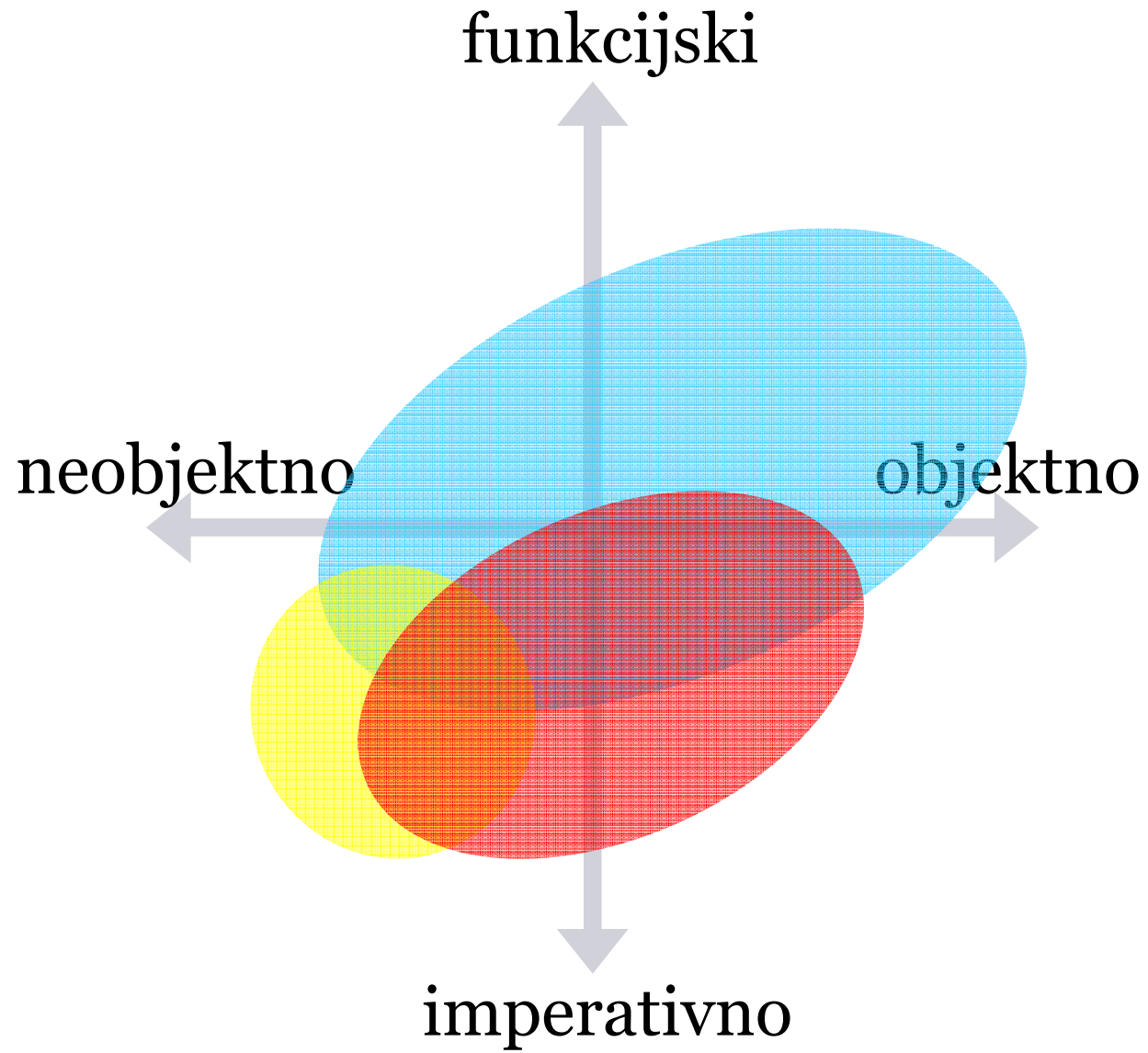
Postfunkcijski jezik?

- Različite veličine projekata
- Različite paradigme
- Različite razine vještine developera

Različite veličine projekta

- Scala = *Scalable language*
- Od skriptica do velikih sustava
- Za Android i za WAS

The Twitter logo, consisting of the word "twitter" in a lowercase, rounded, blue sans-serif font.The LinkedIn logo, featuring the word "Linked" in a bold, black sans-serif font, followed by a blue square containing the lowercase letters "in" in white.The Foursquare logo, featuring the word "foursquare" in a stylized, rounded, blue font with a white outline and a registered trademark symbol (®) at the end.



Objektno-orijentiran

- Svaka vrijednost je objekt
- Vrlo napredan *type system*
 - *Traits*
 - *Case classes*
 - *Structural types*

Funkcijski jezik

- Svaka tvrdnja vraća vrijednost
- *Functions are first-class citizens*
- *Pattern matching*
- *Lazy evaluation*
- *Immutability is easy*

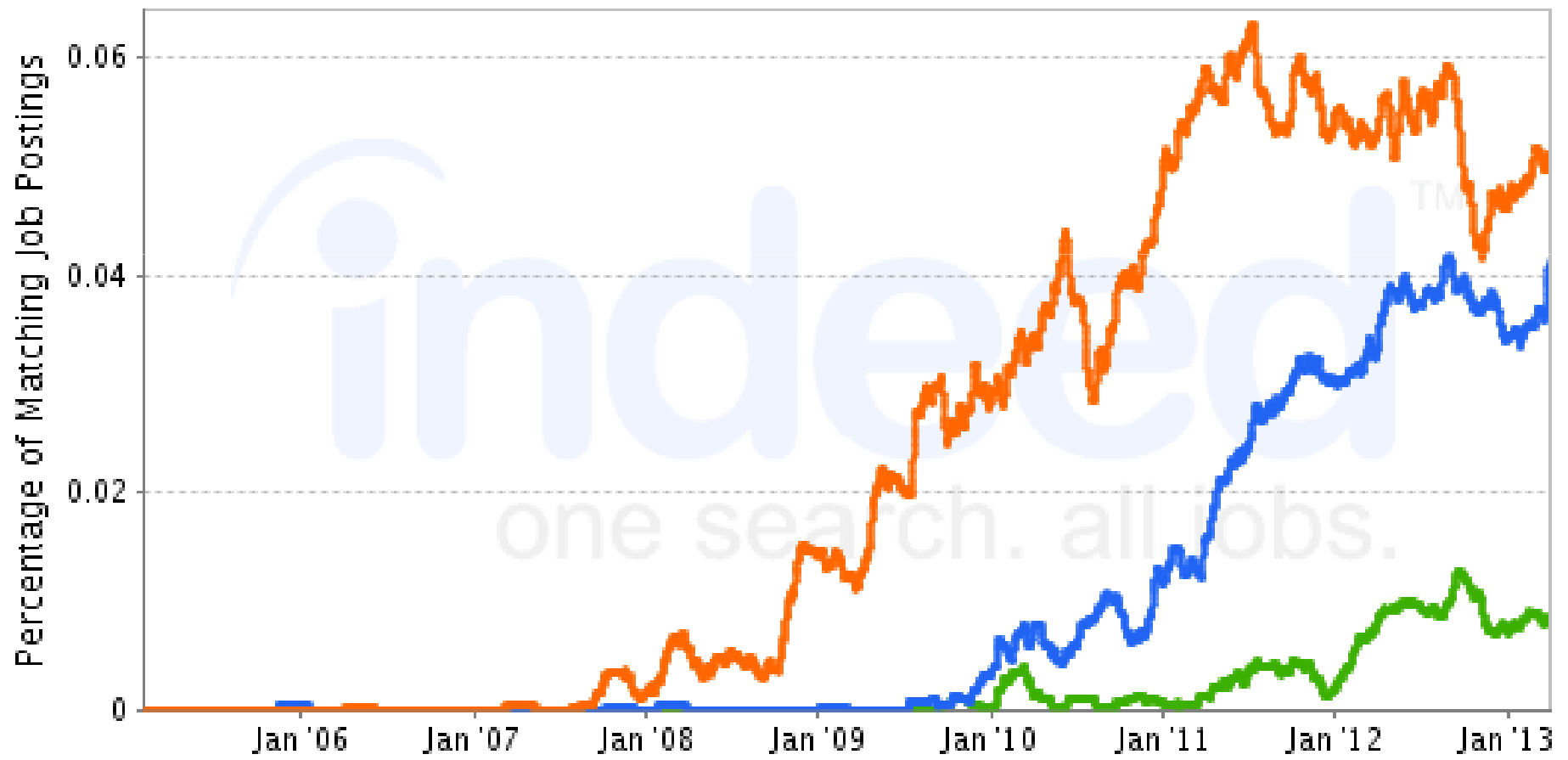
- Coursera: *Functional Programming in Scala*
 - 10 000 diploma (20%)

Scala levels

Application programmer	Library designer
A1: Beginning	
A2: Intermediate	L1: Junior
A3: Expert	L2: Senior
	L3: Expert

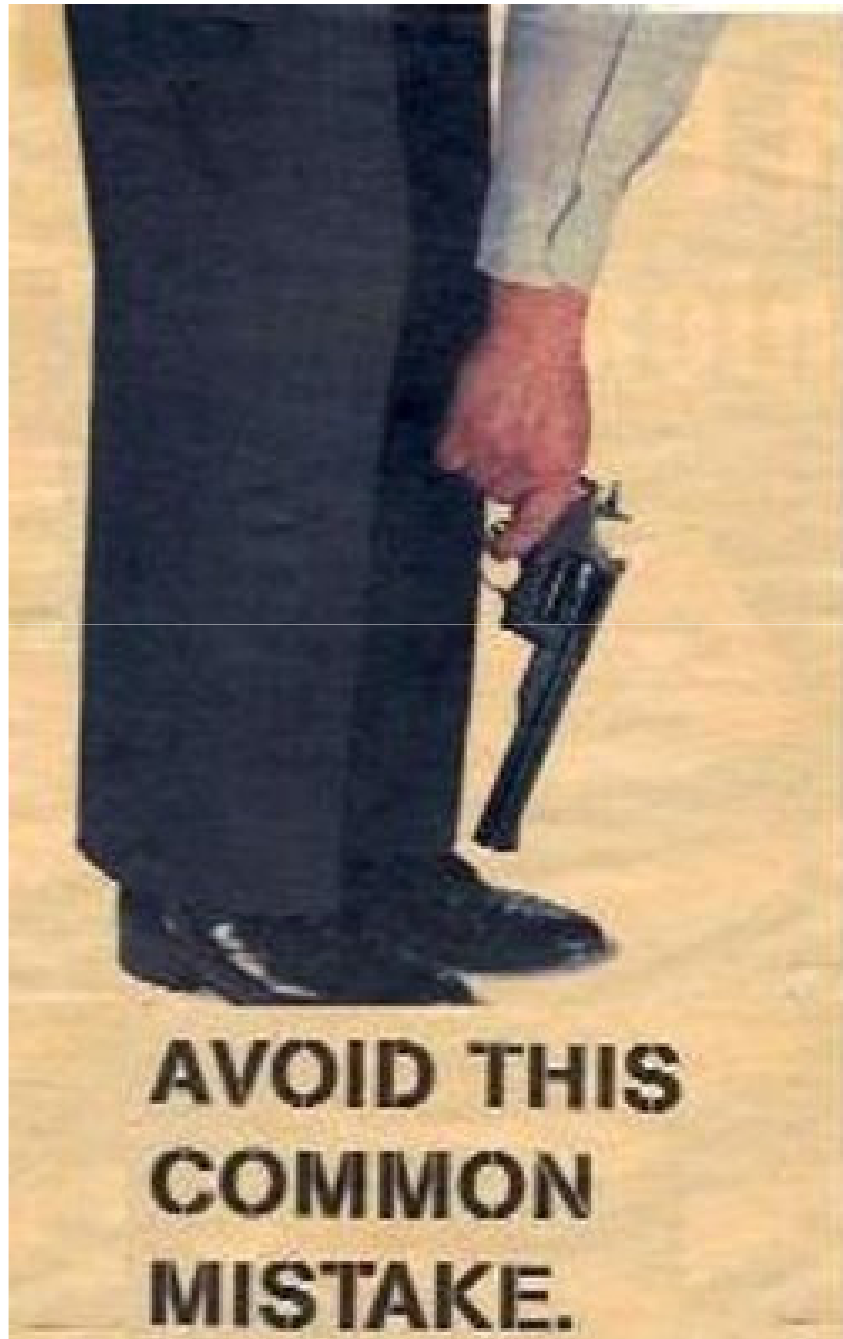
Job Trends from Indeed.com

— groovy — scala — clojure



Bolne točke

- Snaga jezika
- Binarna kompatibilnost
- Sporost kompajlera
- Alati



- Nerazumljiv kod?
- Puno slobode
- Malo iskustva
- Neidiomatski kod
- Jezik se još uvijek razvija

Modular language features

- dynamics
- postfixOps
- reflectiveCalls
- implicitConversions
- higherKinds
- existentials
- experimental.macros

Eclipse Scala IDE



- Dugogodišnja agonija
- Spor, nestabilan, guta memoriju
- Verzija 3 konačno dobra

I... što ćemo sa Scalom?

