Practical Web Development with Language-Oriented Programming

Vadim Gurov <vadim.gurov@jetbrains.com>

Maxim Mazin <maxim.mazin@jetbrains.com>

What is JetBrains MPS?

- DSL is a topic of high interest today
- Groovy-Ruby-Scala – internal DSLs
- External DSLs allow much more
- JetBrains MPS is a workbench for External DSLs

What is JetBrains YouTrack?

YouTrack – an innovative bug and issue tracking system:

- web-based, command-line oriented
- with keyboard-centric approach
- with natural-language-like search syntax
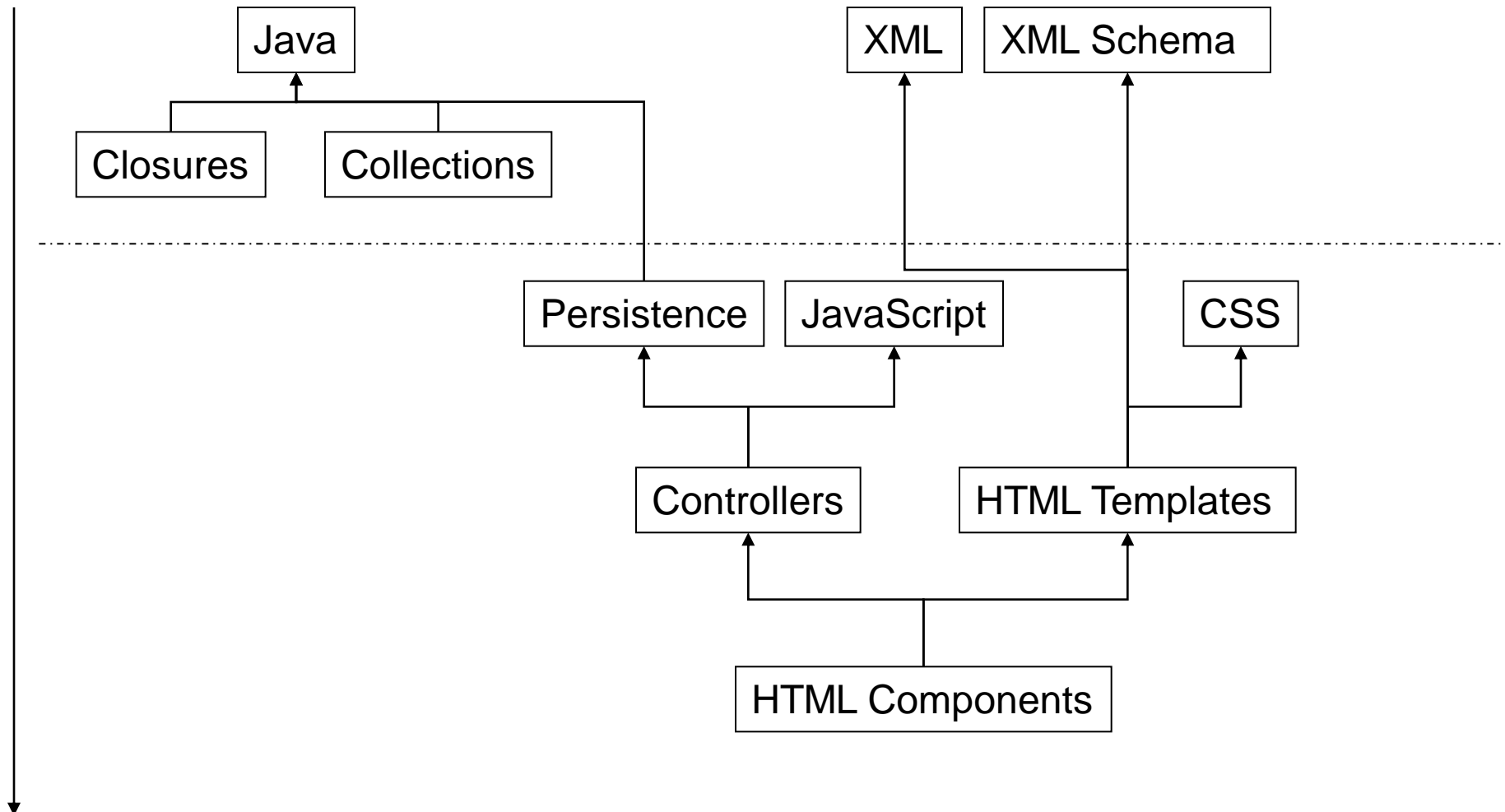- completely written with MPS

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Three Pillars of Web Development

- Presentation layer (Templates)
- Controller (Server-side and client-side)
- Persistent (Database)

Digg YouTrack Code

Demo

Used Languages Stack

Java | XML | XML Schema

Closures | Collections

Persistence | JavaScript | CSS

Controllers | HTML Templates

HTML Components

Questions and Answers

Thank You!

More on YouTrack: http://jetbrains.com/youtrack
More on MPS: http://jetbrains.com/mps

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Meet us at JetBrains exhibition booth