

Eclipse DemoCamp #2





Agenda

- 11.00 - 11.20 Groovy w Eclipse (Groovy in Eclipse), Grzegorz Duda, Developers World, Sabre
- 11.25 - 11.45 Z Compare Framework za pan brat (To be on good terms with the Compare Framework), Tomasz Zarna, Eclipse Platform Committer, Eclipse Platform Workspace, IBM
- **11.50 - 12.25 Lightning talks & discussion**
- 12.30 - 12.50 Refactoring w Eclipse (Refactoring in Eclipse), Igor Czechowski, Sabre Polska
- 12.55 - 13.15 e4 (e4), Szymon Brandys, Eclipse Platform Committer, Eclipse PlatformWorkspace, IBM
- **13.20 - 14.10 Lightning talks & Lunch session**
- 14.15 - 14.35 Kod natywny w platformie Eclipse (Native code in the Eclipse platform), Pawel Pogorzelski, Eclipse Platform Workspace, IBM
- 14.40 - 15.00 Eclipse jako aplikacja WEB 2.0 (Eclipse as WEB 2.0 application), Krzysztof Daniel, Eclipse Platform UI, IBM Eclipse Support Center
- Other talks:
 - 1. Dariusz Michura, ASTEC Sp. z o.o., MDT - Magik Development Tools - IDE dla programistów Smallworld Magik® (MDT - Magik Development Tools - IDE for Smallworld Magik® developers)

Groovy in Eclipse



Grzegorz Duda
<http://dworld.pl>



Groovy?

- **dynamic language** for the **JVM**
- brings **power** of Ruby/Python/Smalltalk to Java
- **new features** with **almost-zero learning curve**
- supports **Domain-Specific Languages**
- brings Java to **shell scripting**
- increases developer productivity by **reducing code**
- seamlessly **integrates with all existing Java objects and libraries**
- compiles **straight to Java bytecode**



10 features for today

- Optional return statement, parantheses and semicolons
- Operator overloading (d++)
- Safe dereferencing (s?.size())
- Heredocs (""")
- XML (person.address.each{println it})



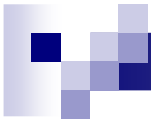
10 features for today

- GStrings („Hello \${name}")
- List/Map shortcuts ([key: „value", key2: „value2"])
- Getters and setters out of box
- Ranges ((1..5).each{println it})
- Clousures (def greet = {println „Hello!"}; greet();)



Links

- <http://groovy.codehaus.org/>
- <http://dist.codehaus.org/groovy/distributions/update/>
- <http://groovy.ifs.hsr.ch/GroovyRefactoring/OfficialUpdateSiteRefactoring/>
- <http://www.springsource.com/g2one>



Questions?

