

Productive Development with IntelliJ IDEA

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Goals of this Presentation

- Show IntelliJ IDEA in action
- Provide tips for productive development with IDEA

About Me

- Technology Evangelist
- Also responsible for community programs and Java User Group support at JetBrains
- Leader of CZJUG

IntelliJ IDEA – a fully-featured IDE

- Programming languages
 - Java, JavaScript, Ruby, Groovy, Scala, PHP, HTML, CSS, XML, XSLT, XPath, JSP, Python, Clojure
- Technologies and frameworks
 - EJB, JPA, Spring, Hibernate, JSF, Struts, Struts2, GWT, AJAX, Java ME, Velocity, FreeMarker, Flex, Grails, etc.
- Build and test tools
 - Ant, Maven, JUnit, TestNG, I18N Support, Code coverage
- Application servers
 - Tomcat, Geronimo, Glassfish, JBoss, Weblogic, Websphere
- Version Control systems
 - CVS, SVN, Perforce, VSS, ClearCase, StarTeam, Git
- Swing GUI Designer

Community

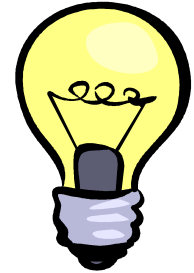
- Open API – lots of plug-ins
- Early Access Program (EAP)
 - Opened for IDEA 9 (Maia)
- Free licenses
 - Java User Groups
 - Open source projects
 - Classrooms and trainers
- 24/7 technical support

Demo: IntelliJ IDEA's Java Editor

Demo: Web Development

Demo: Cross Language Support

IntelliJ IDEA 9 highlights



- Full Java EE 6 support
- Background scanning
- OSGi development support
- New JavaScript debugger
- Android & Google App Engine
- PHP support
- Task management
- Many small productivity improvements

Demo: Java EE 6

Comparison with Eclipse

- Both are really good IDEs
- Customer pains with Eclipse:
 - “plug-in” hell
 - Varying level of quality of plug-ins
 - Upgrades are not smooth
 - Limited cross technology support
 - Fragmentation
- IDEA doesn't have these issues and we think it's more productive

Conclusion

- Editor-centric IDE
- Productivity is key
- Cross-technology refactorings
- Built-in code analysis tools
- Broad language and framework support

Other products from JetBrains

- TeamCity
 - Continuous integration server
 - “Pre-tested commit”
 - Tests re-ordering
 - Better reporting
 - Integration with IDEs
 - Free for up to 20 build configurations
 - Quick demo

Other products from JetBrains

- MPS – Meta Programming System
 - Tool for building DSLs
 - Free and open source
 - The idea: build DSLs instead of class libraries
 - Language reuse for different problem domains
 - Extending languages can be easy with tools
 - Extensive editor support for custom languages
 - No code parsing, work directly with AST

Other products from JetBrains

- YouTrack
 - New bug tracking tool
 - Google-like web interface
 - IDEA-like keyboard shortcuts
 - Modify multiple issues at once
 - Flexible tags
 - Quick demo



Questions

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Thank You!

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