

# Xtend



## Active Annotations with Xtend

June 27, 2013 - Eclipse Demo Camp Zurich

# Xtend - Overview

- Complements Java
- Less Noise
- Groovy, but fast and statically typed
- Scala, but 100% Java interoperable
- Exceptional DSL Support

# Xtend - Features

- Java-like language
  - familiar to Java developers
  - Java type system
- Compiles to Java
  - integrates into Java-based systems,
  - access all Java libraries
- Expressions, Sugar
  - closures, polymorphic dispatch, switch, builder syntax, operators, ...
- Xtend Extensions
  - static extensions add behavior
- Tool support
  - Java's Eclipse IDE
  - editor, builder, validation, quick fixes, ...

# Xtend - Features

- Active Annotations      add boilerplate code using xtend compiler

Questions?

The logo for 'xtend' features a stylized 'x' composed of two overlapping chevron shapes pointing right, one in a dark blue gradient and the other in black. To the right of this symbol, the word 'tend' is written in a bold, black, sans-serif font.

[xtend-lang.org](http://xtend-lang.org)

[www.itemis.ch](http://www.itemis.ch)

Thank you!



Serano Colameo, Phone: +41 (0)56 442 68 63

Email: [serano.colameo@itemis.ch](mailto:serano.colameo@itemis.ch)

itemis Schweiz GmbH | Dorfstrasse 69 | CH-5210 Windisch | [www.itemis-schweiz.ch](http://www.itemis-schweiz.ch)