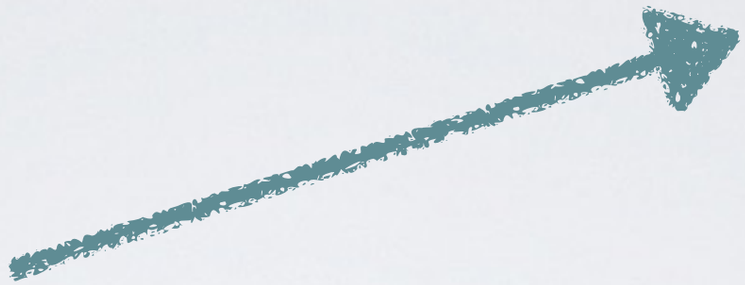
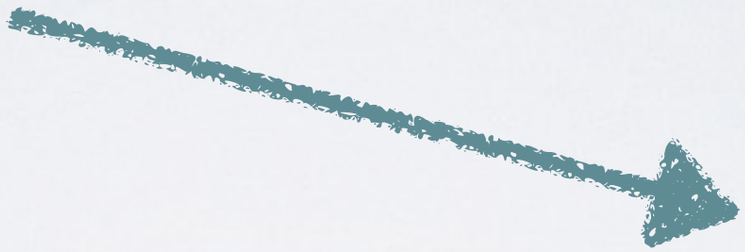
Xtext





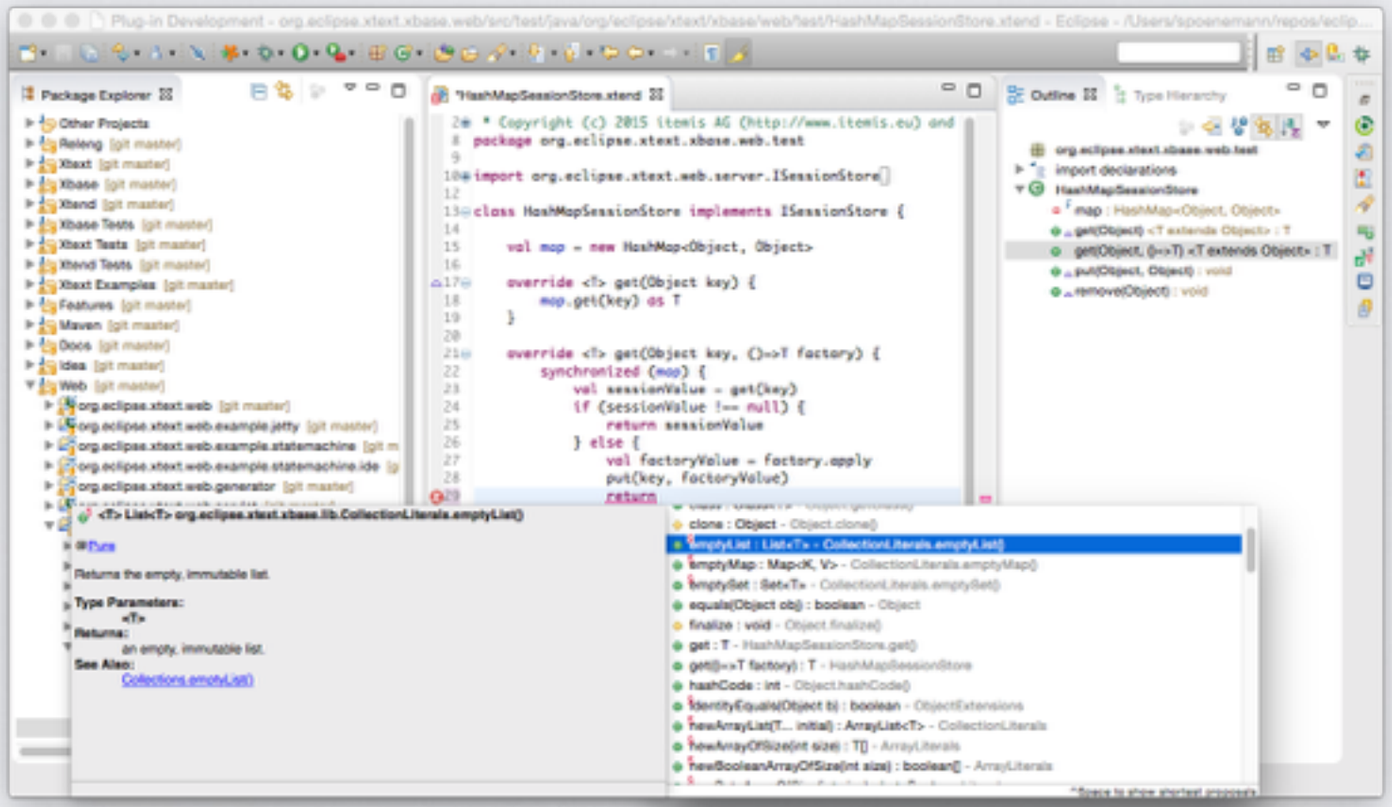
Miro Spönemann

itemis

Xtext

xtext.org

Language infrastructure



Xtext

xtext.org

General-Purpose Languages

- Xtend xtend-lang.org
- VHDL sigasi.com

Domain-Specific Languages (DSL)

- Finance, embedded systems, etc.

Goal: Make Xtext languages available in…

IntelliJ IDEA

- An alternative IDE
- Very popular for Java development

Web Browsers

- No installation effort
- Usable by everyone

DEMO

Current Version: Beta 2

- Web browser integration with Orion
  orionhub.org
- Servlet integration
- Stateful and stateless synchronization
- Content assist and validation
- Syntax highlighting (with generated client code)
- Interface for persistence services

This Week: Beta 3

- Web browser integration with Ace
  ace.c9.io
- Mouse hover information
- Mark occurrences
- Semantic highlighting
- Code formatting
- Xbase support *(to be improved)*

First Release: Fall 2015 (part of Xtext 2.9)

- More remote services
  - Templates
  - Quick fixes
  - Outline
  - Navigation
  - Organize imports, refactoring
  - Generate code
- Better Xbase support