

# ErlIDE

---

A modern GUI for erlang development

# Eclipse

- Evolved from Visual Age
- 100% Open Source
- 100% java
- IBM
- Major platforms  
(Windows, Mac, Linux)

# ErlIDE

- A bunch of plugins for Eclipse
- Originally 100% java
- Code quantity: 90% java, 10% erlang
- Functionality: 50% java, 50% erlang

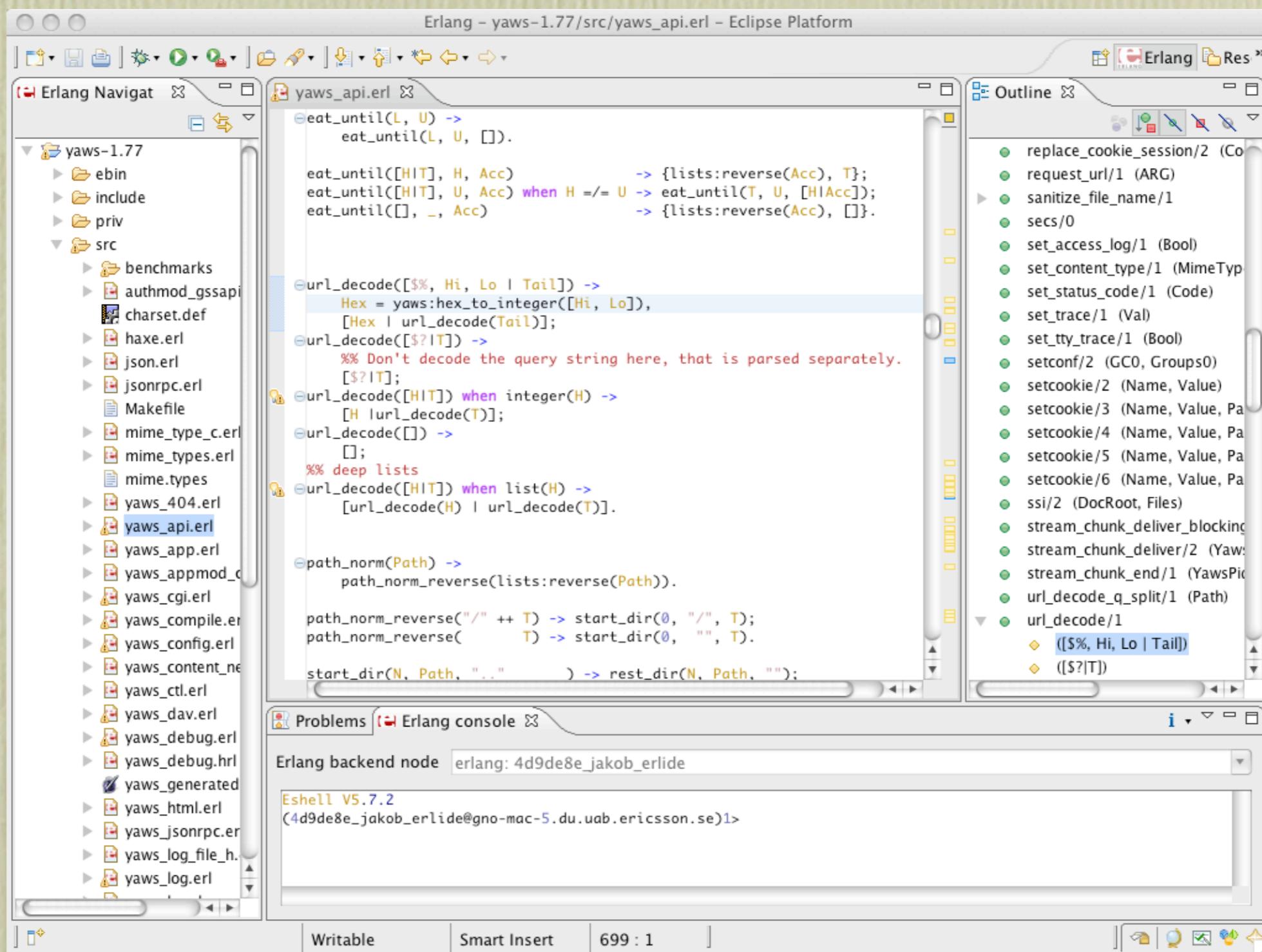
# ErlIDE and OTP

- R12B or later
- Compiler
- JInterface
- special versions of syntax\_tools, edoc, debugger, scanner

# Features

- Erlang editor
  - Syntax highlight
  - Indentation
  - Pop-up documentation
  - Outlining
- Integrated compiler
- Navigation
- Code model at module level

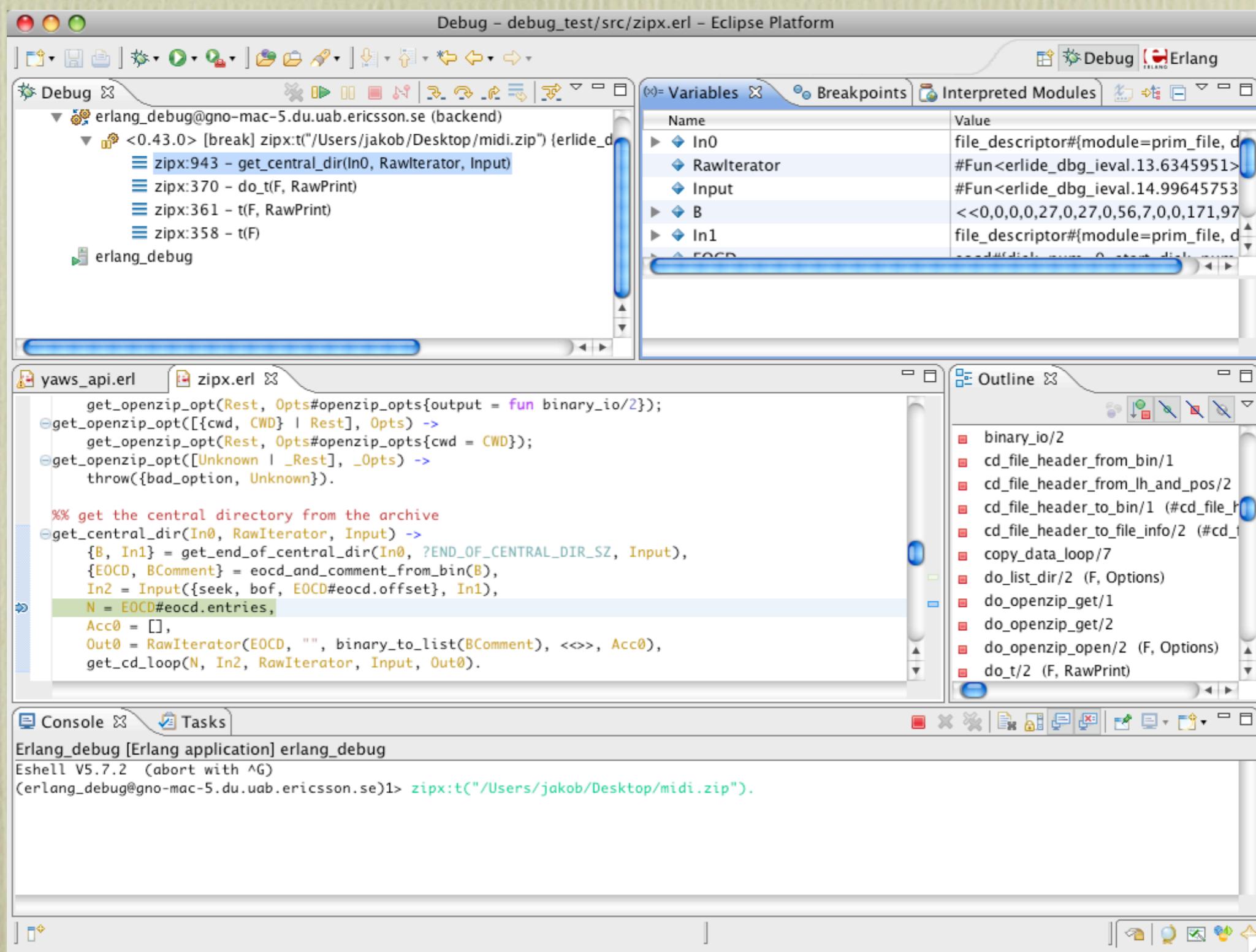
# Editor and outline



# More features

- Project support
- Documentation from comments
- Integrated debugger
  - Standard debugger features
  - Multi-node debugging
  - Logging of debugged program
- Call graph

# Erlang debugger in Eclipse



# Available soon

- Better debugging
  - Stepping backwards
  - Live code updates
  - Tracing
- GUI for tracing
- Refactoring and syntax error correction
- xref-baserad indexing and searching
- Semantic highlighting

# Resources

- <http://erlide.sourceforge.net>
- <http://eclipse.org>
- <http://erlang.org>

# What?

---

- *Simple, really simple midi-driver*
- *Mac OS and Window*
- *Linked-in driver (C and ei\_x...)*
- *midi-in, midi-out, software synths, midi-files*
- *not really real-time at all*

# Why?

---

- *Sounds great!*
- *Drivers aren't that hard*
- *Fun to play with music in symbolic language*
  - *Analyzing midi-files ("they stole our song")*
  - *Real-time midi-fixing (arpeggio, stay in tune)*
- *Small hack*

# Where?

---

- <http://googlecode.com/midi-erl>