Scala Live

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Scala is ...

mature

concise

statically typed

lightweight

expressive

object-functional

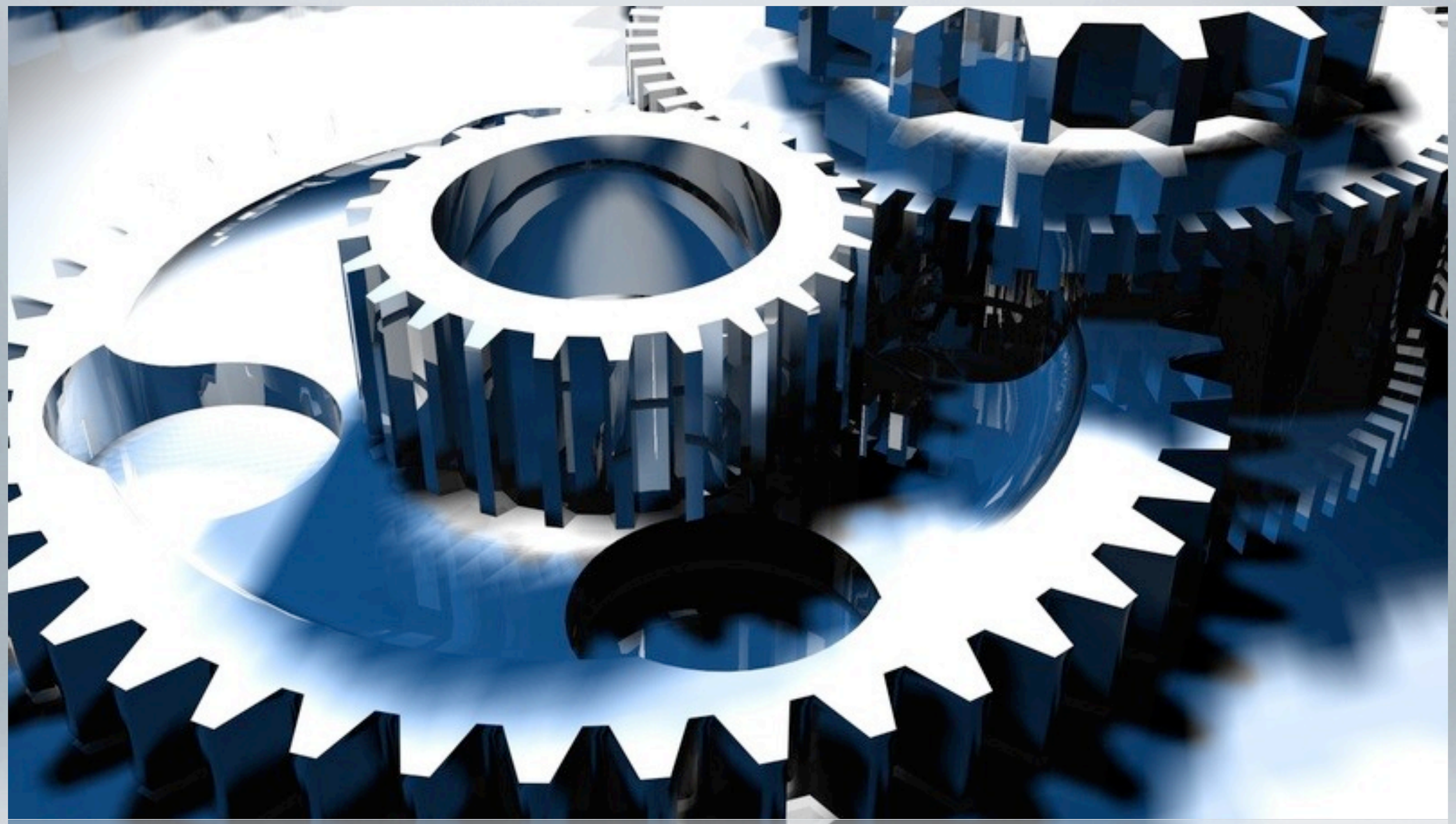
interoperable with Java

Since 2003

Version 2.8

Mature

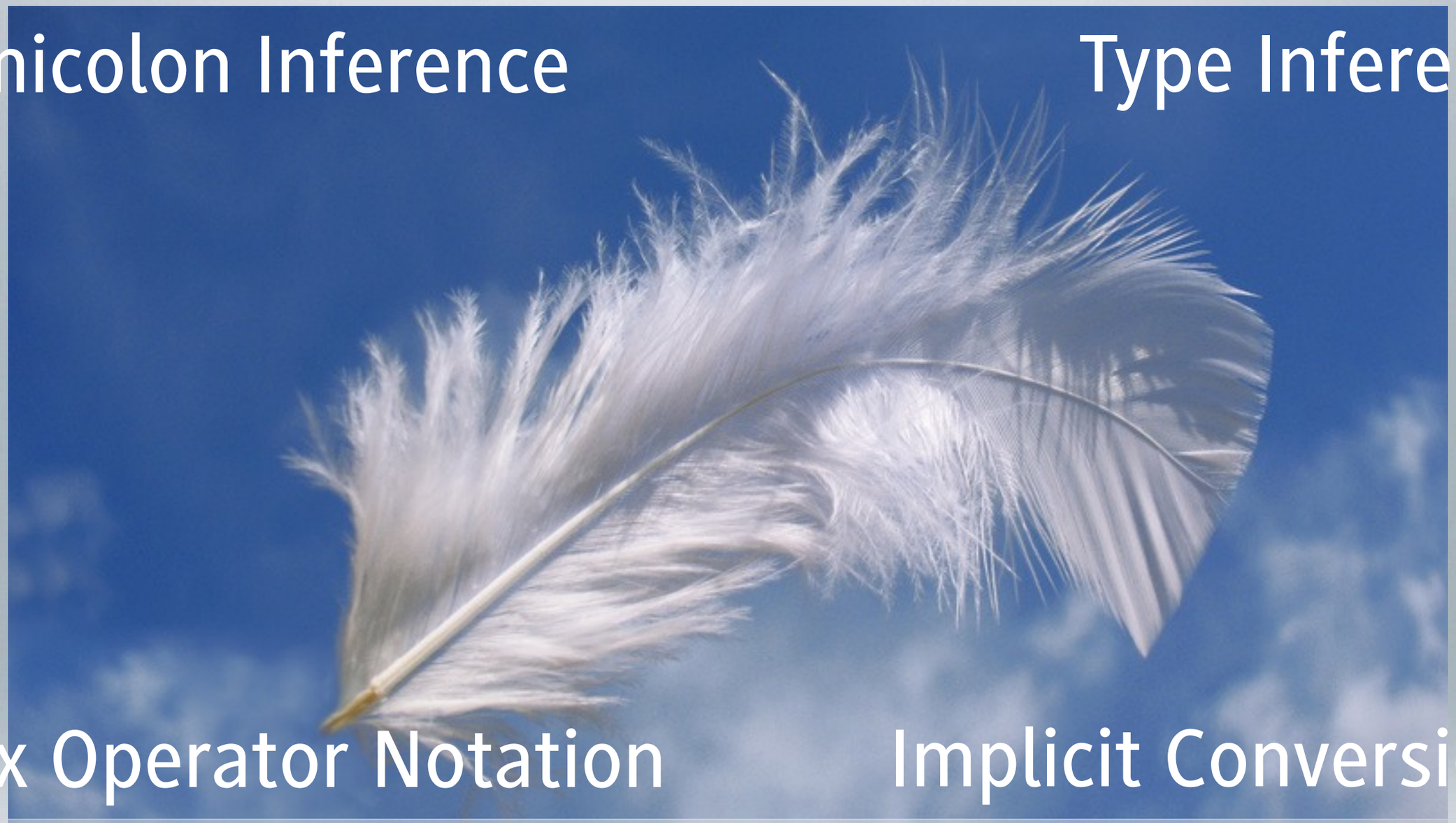
Object-functional



Statically typed

Semicolon Inference

Type Inference



Infix Operator Notation

Implicit Conversions

Lightweight

Concise

```
public class Person {                                    // Java

  private final String firstName;
  private final String lastName;

  public class Person(val firstName: String,                tName) {
    this                 val lastName: String)
    this.lastName = lastName;
  }

  public String getFirstName() {
    return firstName;
  }

  public String getLastName() {
    return lastName;
  }
}
```

Expressive

```
"Calling Person.toString" should {
  "return first name blank last name" in {
    val person = new Person("John", "Doe")
    person.toString mustEqual "John Doe"
  }
}
```

Interoperable with Java

```
scala> import org.apache.log4j._
import org.apache.log4j._

scala> val testLogger = Logger getLogger "test"
testLogger: org.apache.log4j.Logger = ...
```

Important!

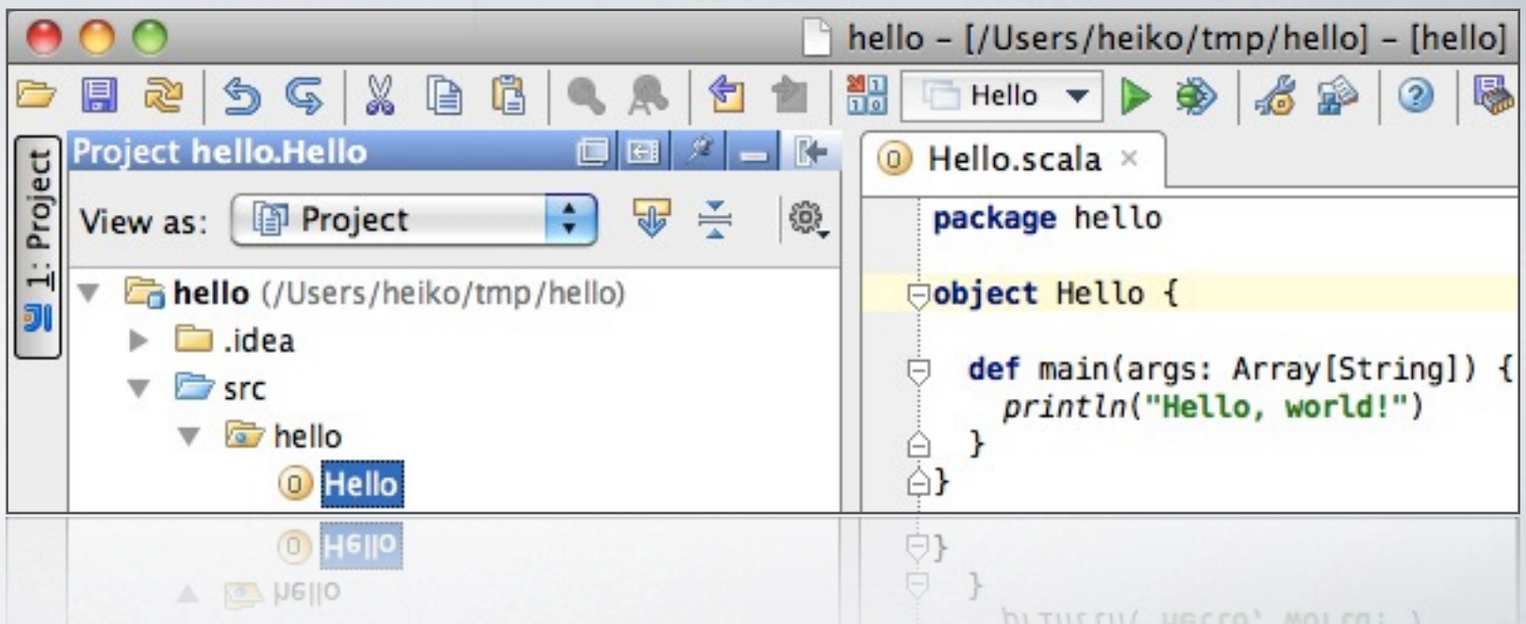
Let's get live!

Development Environment

```
scalatunes-work$ sbt
[info] Building project scalatunes 1.0 against Scala 2.8.0.RC1
[info]    using sbt.DefaultProject with sbt 0.7.3 and Scala 2.7.7
> ~ compile
[info]
[info] == compile ==
[info]   Source analysis: 0 new/modified, 0 indirectly invalidated, 0 removed.
[info] Compiling main sources...
[info] Nothing to compile.
[info]   Post-analysis: 30 classes.
[info] == compile ==
[success] Successful.
[info]
[info] Total time: 1 s, completed Apr 25, 2010 9:44:37 AM
Waiting for source changes... (press enter to interrupt)
```

SBT

IDE



Available Mai 2011

Have Fun with Scala!

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