Software development with Scala

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Part I

The Java Ecosystem

Outline

1 A History Lesson

Once upon a time...

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Portability

Platform Dependency

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for(os <- List("linux", "mac", "windows"))
  println("If you compile a C program under " + os
          + "you can run it only on " + os + ".")
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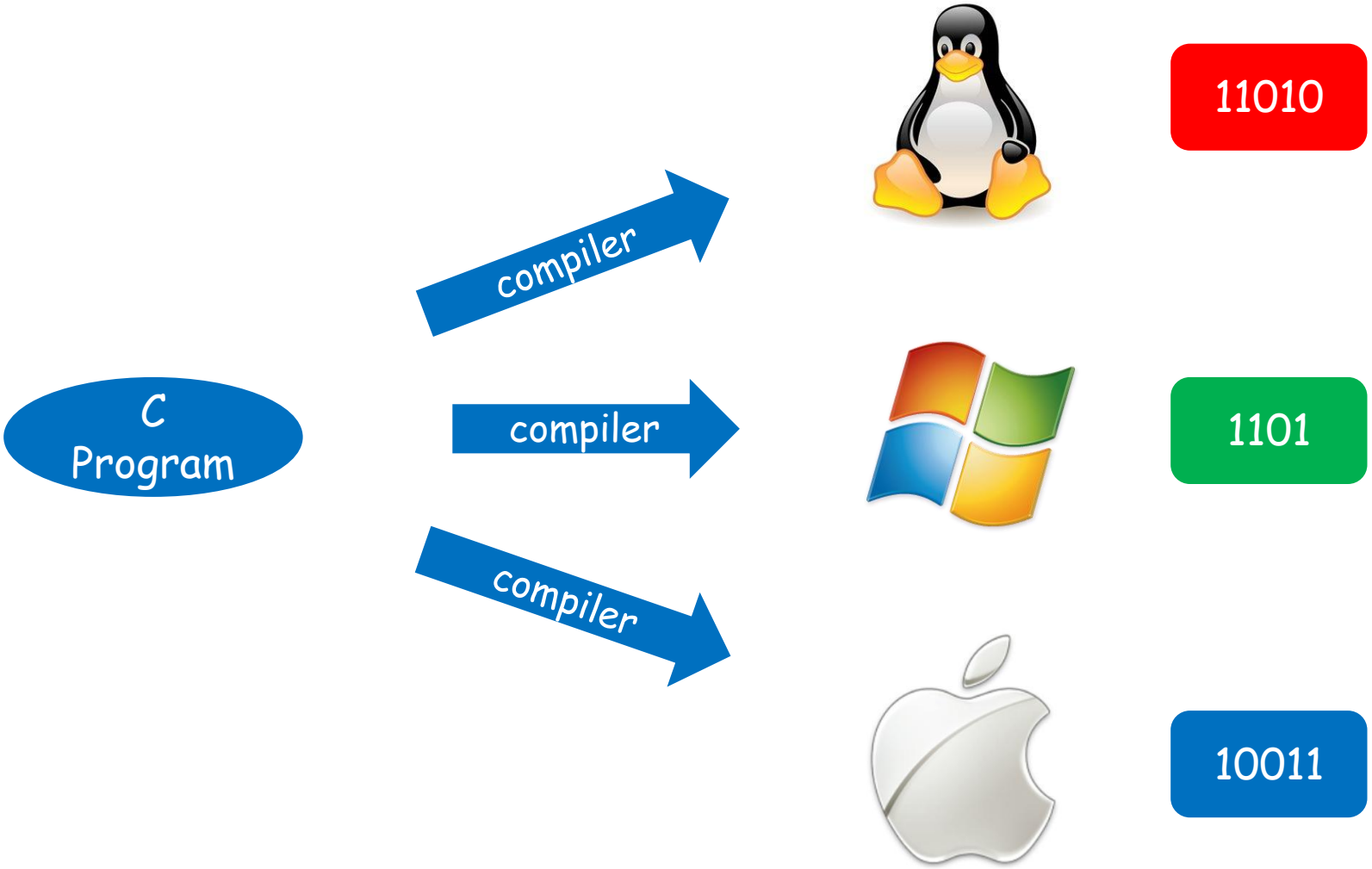
Platform Independency

Write Once, Run Anywhere.

Let's take a look under the hood



Part II

Introducing Scala

Part III

Programming Paradigms

Part IV

Scala's Development Environment

Part V

Programming Styles

Part VI

Higher-Order Functions

Part VII

Growing The Language

Part VIII

Test-driven Development & Clean Code

Part IX

Pattern Matching

Part X

Traits

Part XI

Collections

Part XII

Concurrency

Part XIII

Domain Specific Languages

Part XIV

Higher-Kinded Types