Java as a System Language

Jim Waldo
Sun Microsystems Labs

Disclaimer

Languages

Editors

Coding Conventions

Religion

Java

Old

Uncool

Warts

Useful

Javascript

Python

Ruby

Systems

Large

Multi-Person

Long Lived

Help

The Good

Types

Exceptions

Garbage Collection

Efficiency

Documentation

Concurrency

Portability

Distribution

Parameterized Types

The Bad

Security

Parameterized Types

Object Serialization

Reflection

The Ugly

Cloneable

Graphics

I/O

Class Loading

Runtime Exceptions

JCP

Still...

Useful

Ubiquitous

Safe

Highlander Fallacy

Pay me now, or...

Thanks

Questions/Assertions?