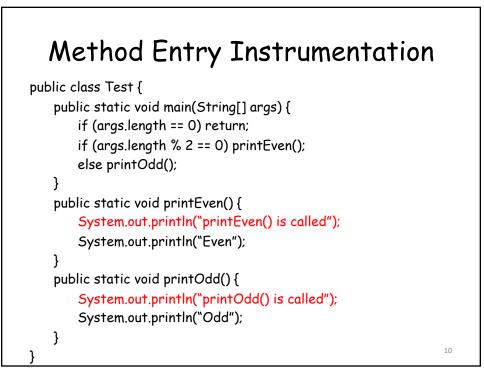
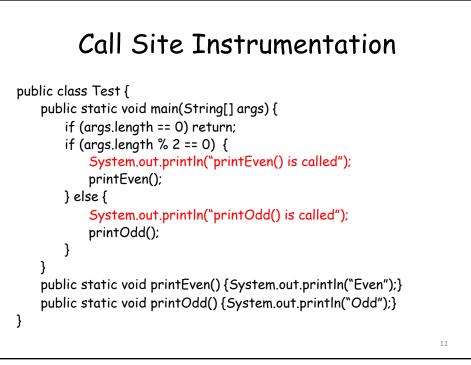
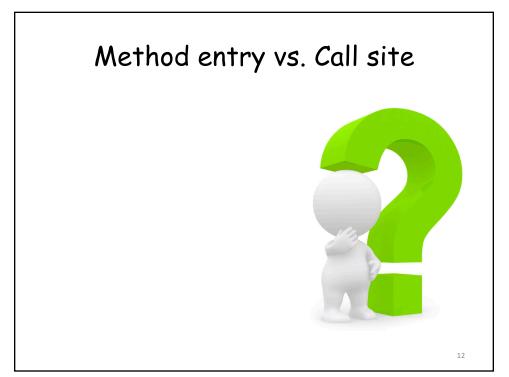


Source Code Instrumentation

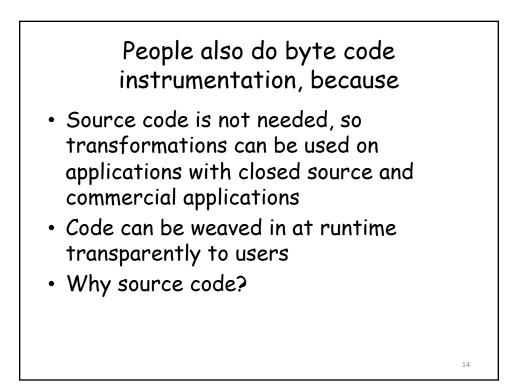
- Call site instrumentation
 Call print(...) before each actual method call
- Method entry instrumentation
 - Call print(...) at entry of each method





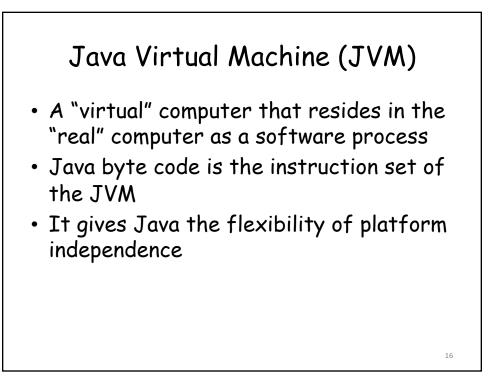


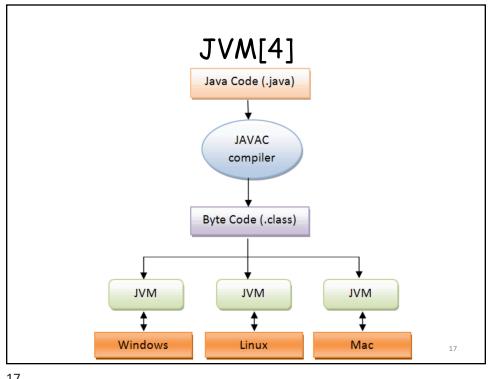


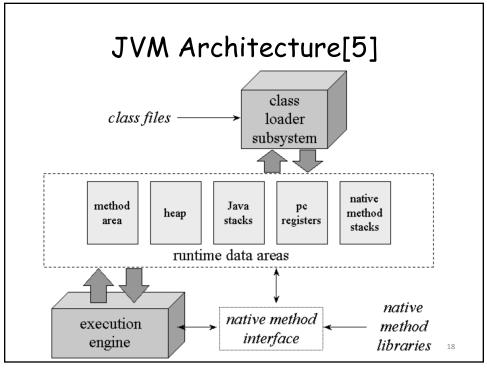


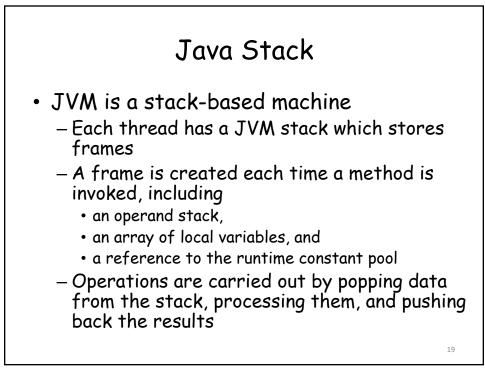


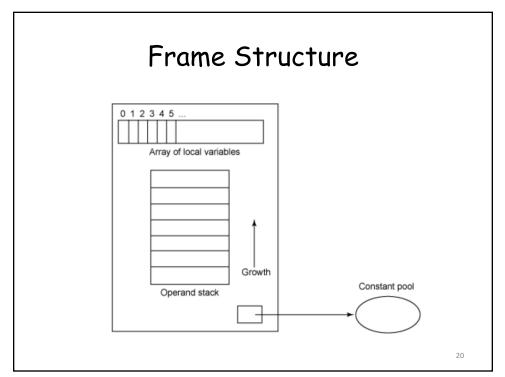
- ASM
 - Class generation and transformation based on byte code
- Soot
 - Program analysis and transformation framework based on byte code
- WALA
 - Program analysis and transformation framework based on source code of Java and Javascript, and byte code of Java

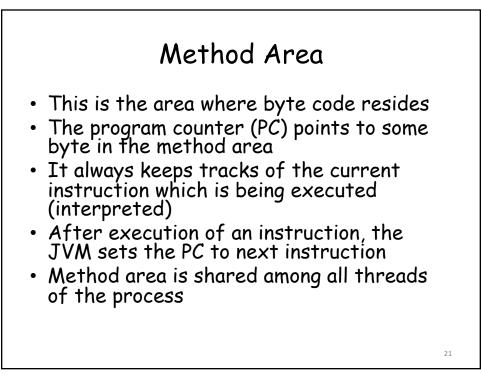


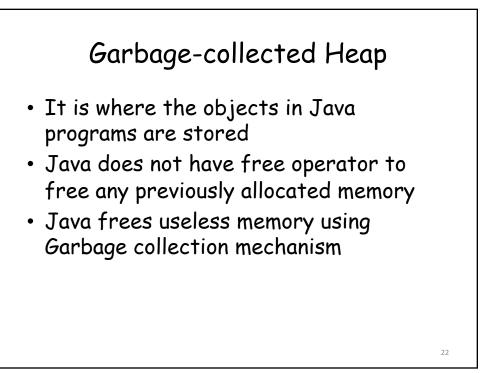


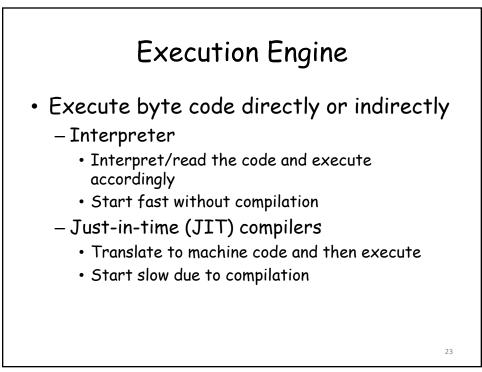


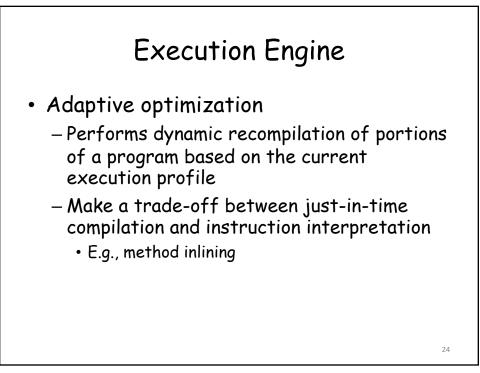


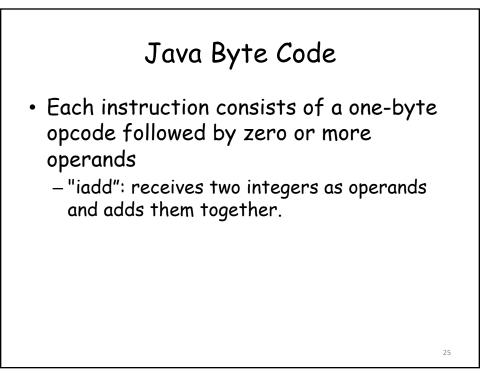


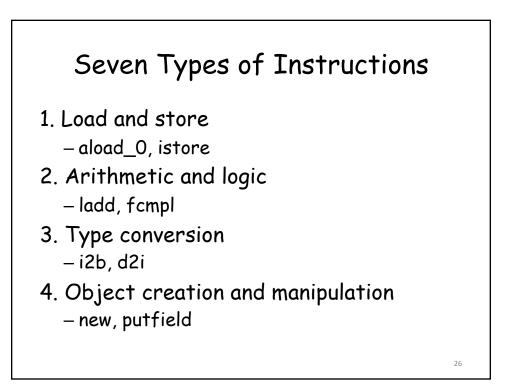


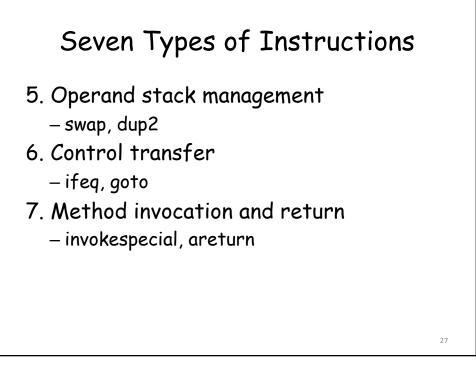


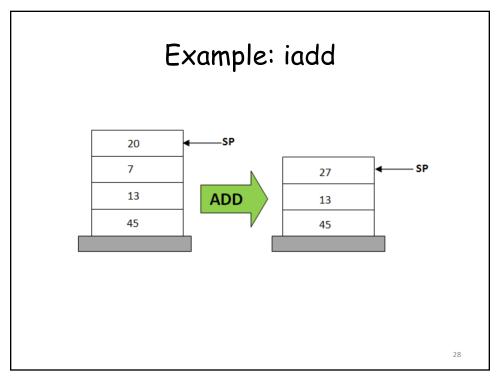


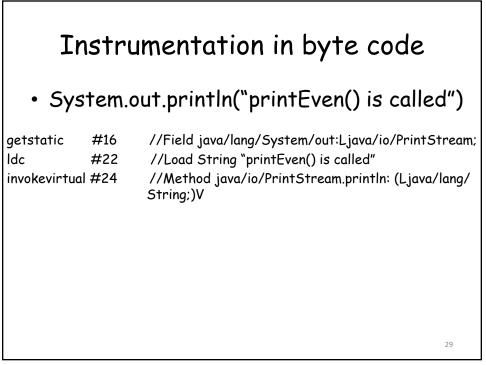


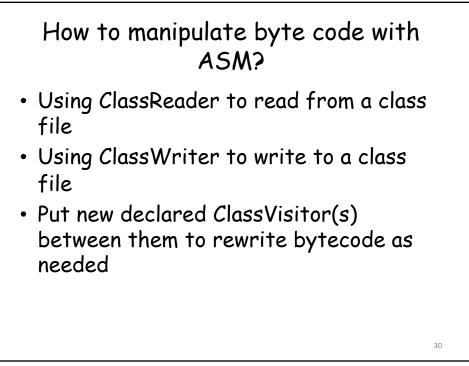


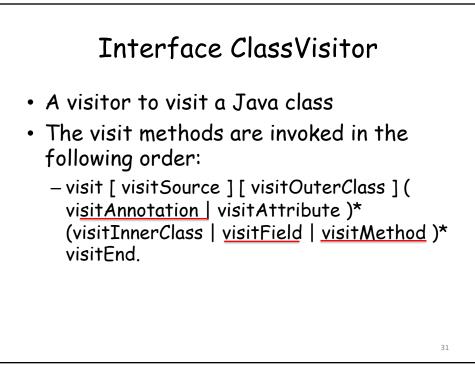


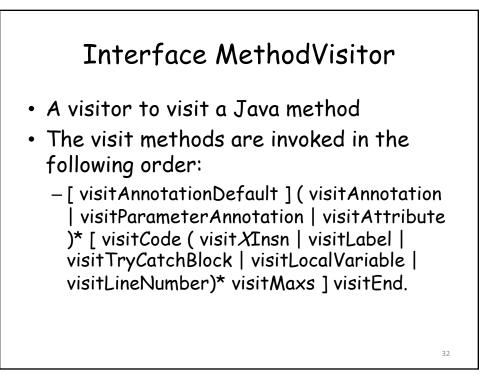


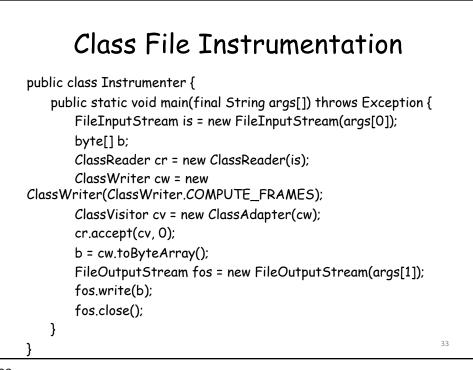


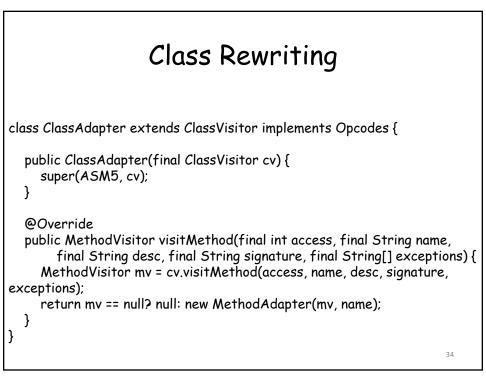


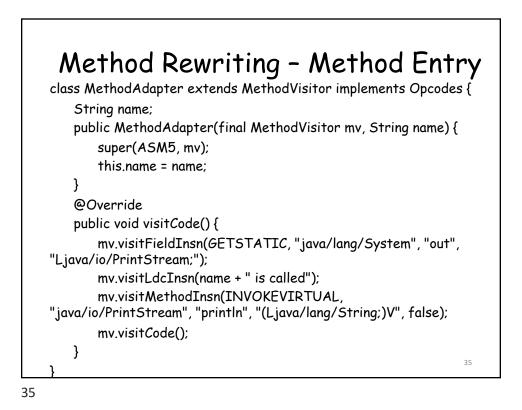


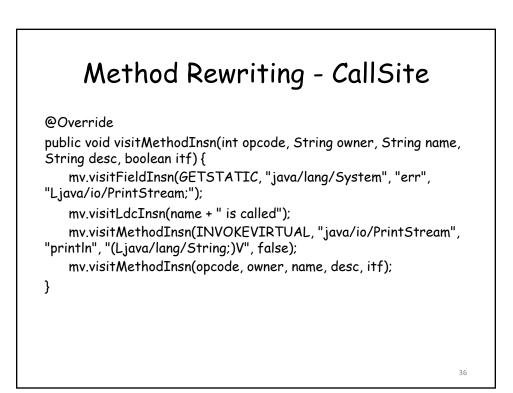


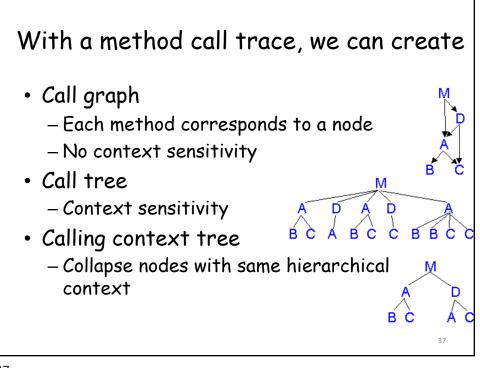


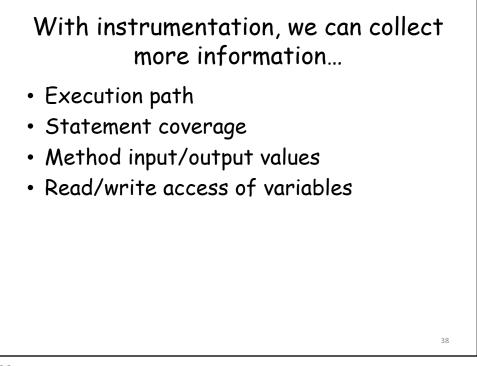












Reference

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