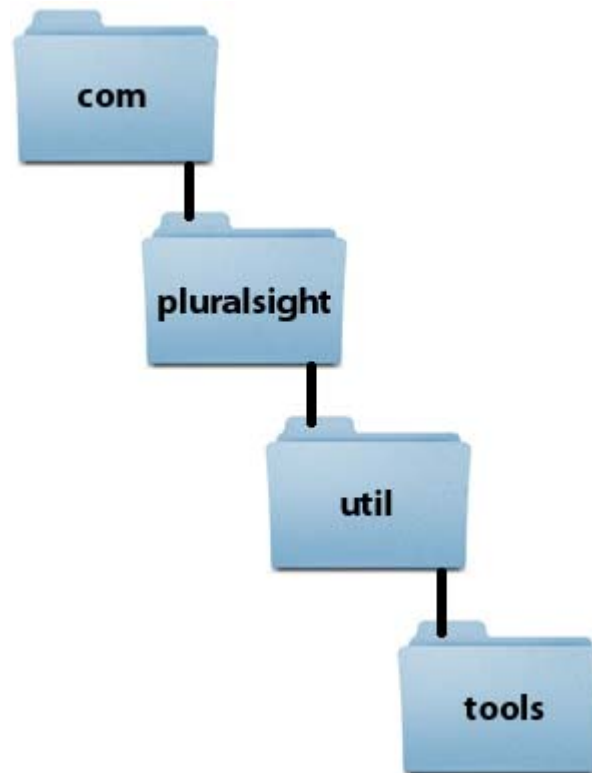# Ant Tasks

Overview

Rusty Lowrey

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pluralsight
hardcore dev and IT training
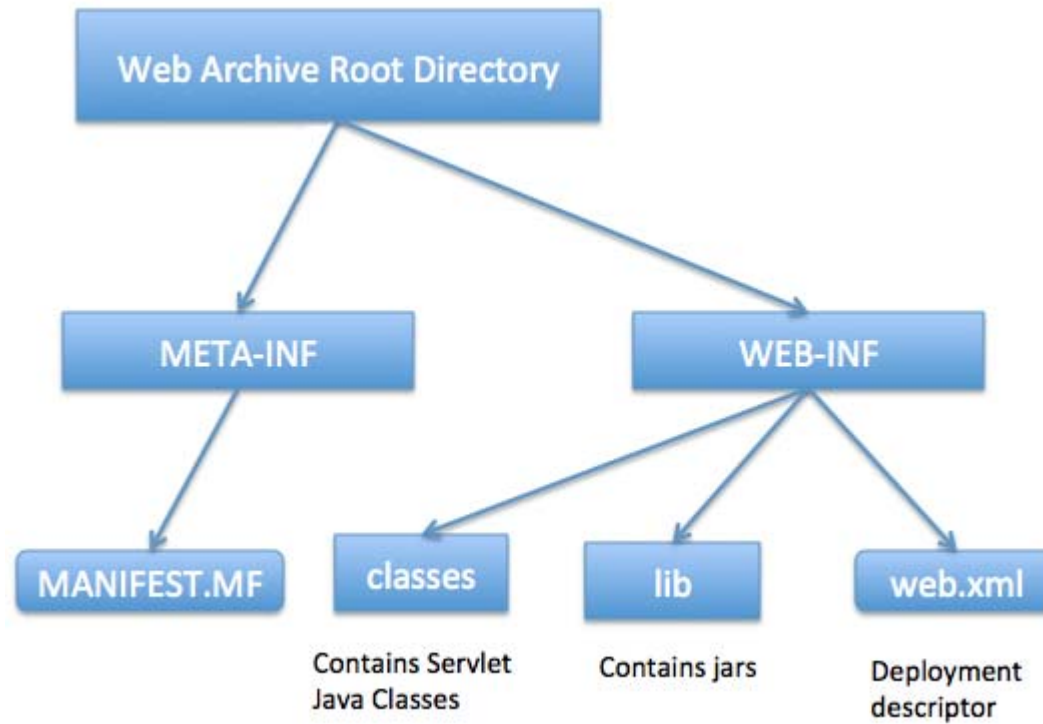
Java Directory Structure
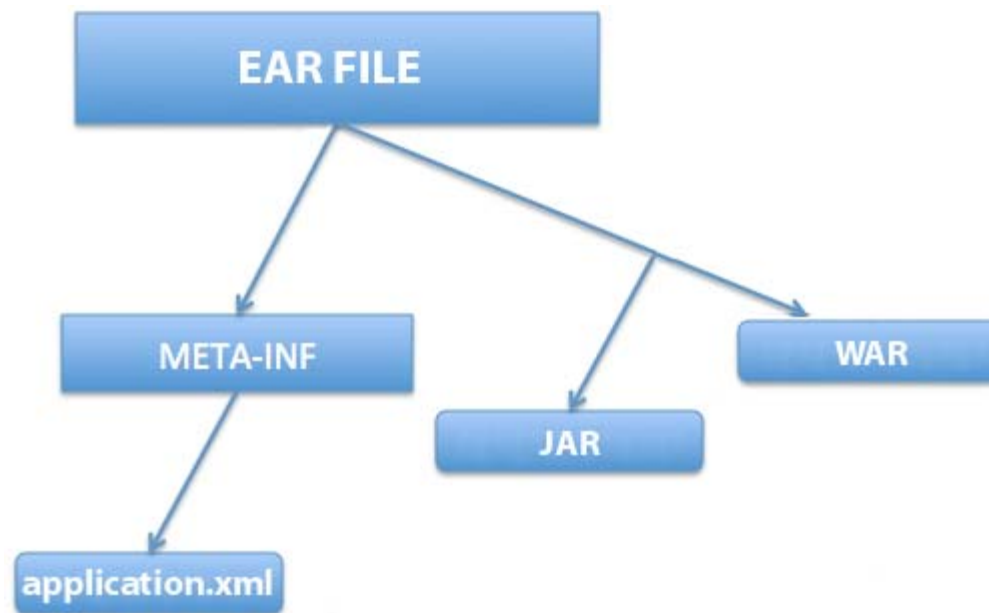
Java Compilers

- **classic (the standard compiler of JDK 1.1/1.2)**

- **modern (the standard compiler of JDK 1.3/1.4/1.5/1.6/1.7/1.8)**

- **jikes (the Jikes compiler)**

- **jvc (the Command-Line Compiler from Microsoft's SDK for Java / Visual J++)**

- **kjc (the kopi compiler)**

- **gcj (the gcj compiler from gcc)**

- **sj (Symantec java compiler)**

- **extJavac (run either modern or classic in a JVM of its own)**

WAR File Structure

EAR File Structure

Built-In Properties

ant.file - The full location of the build file

ant.version - The version of the Apache Ant installation

Basedir - The basedir of the build

ant.java.version - The version of the JDK that is used by Ant.

ant.project.name - The name of the project

ant.project.default-target - The default target of the current project

ant.project.invoked-targets - List of the targets invoked in the current project

ant.core.lib - The full location of the ant jar file

ant.home - The home directory of Ant installation

ant.library.dir - The home directory for Ant library files

Ant Version Control Systems

- CVS

- Visual SourceSafe

- ClearCase

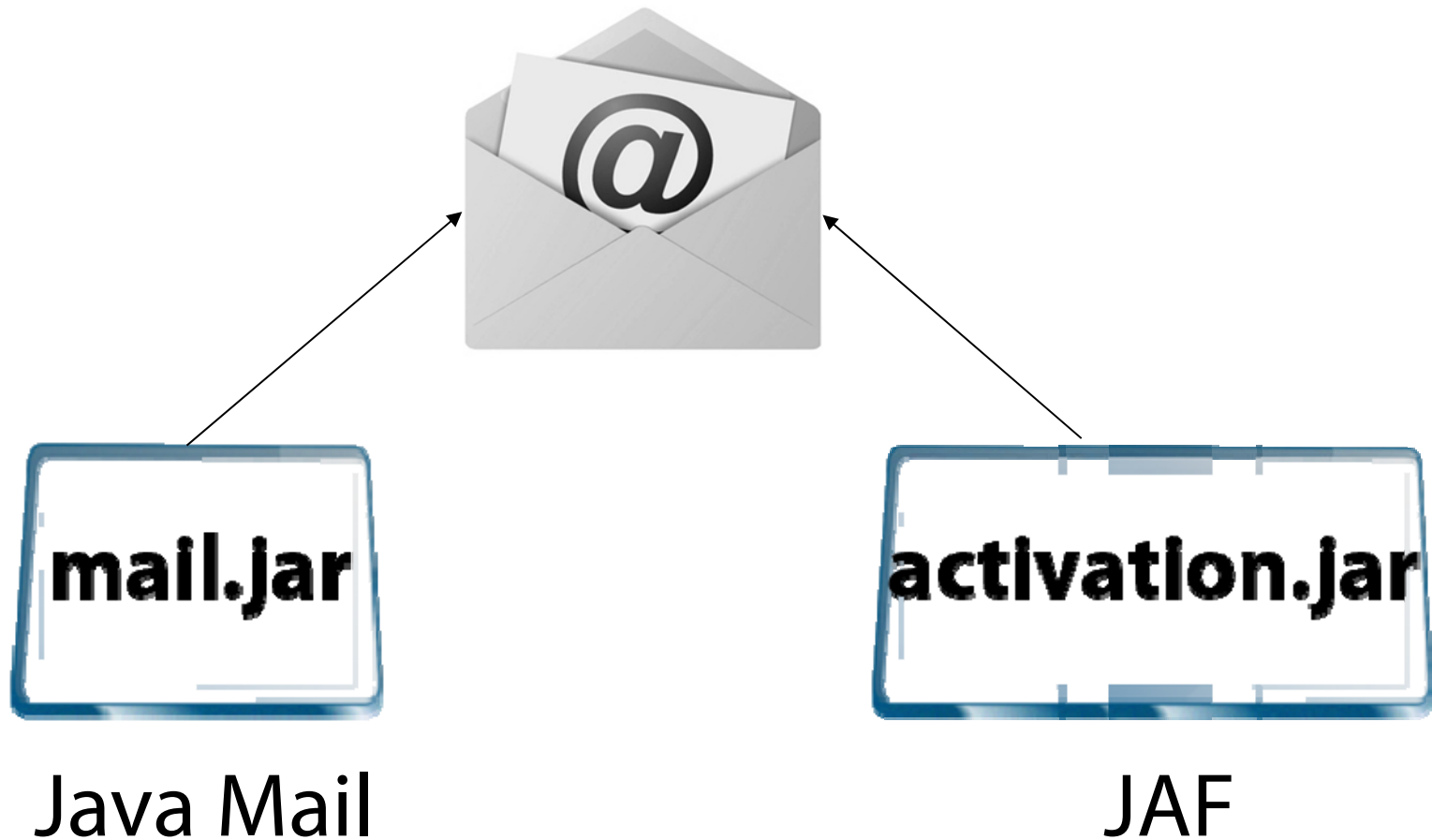- Continuus/Synergy

- PVCS

- SourceOffsite

Ant's Mail Task
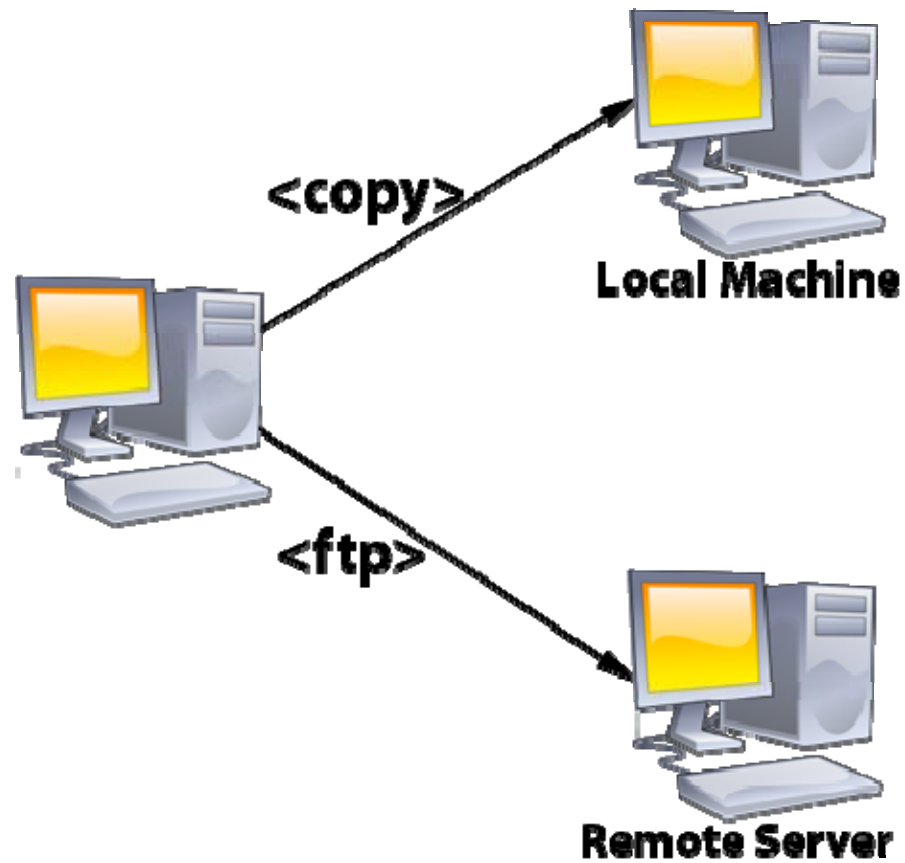
Ant's Mail Task

Java Mail

Ant's Mail Task

mail.jar

Java Mail

activation.jar

JAF

Ant's Mail Task

Java Mail

http://www.oracle.com/technetwork/java/index-138643.html

JAF

http://www.oracle.com/technetwork/java/jaf11-139815.html

Deployment

Ant's FTP Task

Apache Commons Net

http://commons.apache.org/net/

Jakarta ORO

http://attic.apache.org/projects/jakarta-oro.html

Summary

Ant Tasks

COMPILER

Ant Tasks

<javac>

<jar>, <war>, <ear>

Ant Tasks

COMPILER

<javac>

JAR WAR EAR

<jar>, <war>, <ear>

<javadoc>

Ant Tasks

COMPILER

JAR WAR EAR

<javac>

<jar>, <war>, <ear>
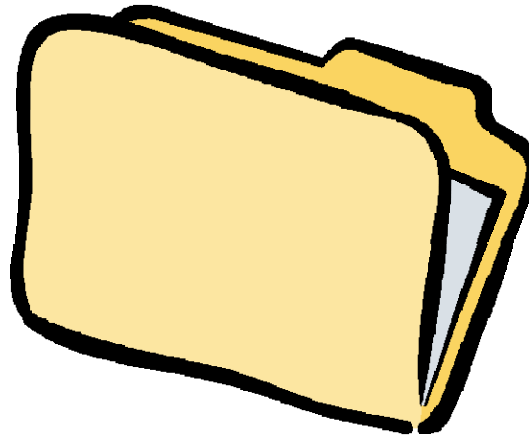
<javadoc>

<copy>, <move>, <sync>

Ant Tasks

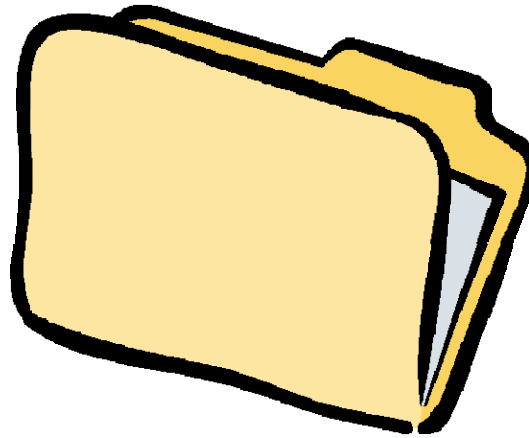## Properties Files

Ant Tasks

Properties Files
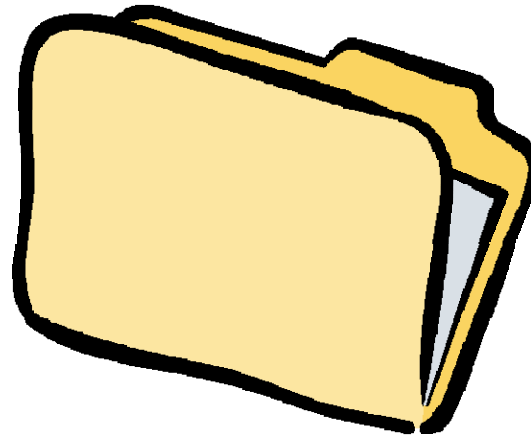
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Ant Tasks

Properties Files

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Ant Tasks

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XML

Ant Tasks

\<cvs\>

Ant Tasks

<cvs>

<mail>

Ant Tasks

<cvs>

<mail>

<copy>   <ftp>

Summary