



Manifest first using Ant

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PDE Build

maven

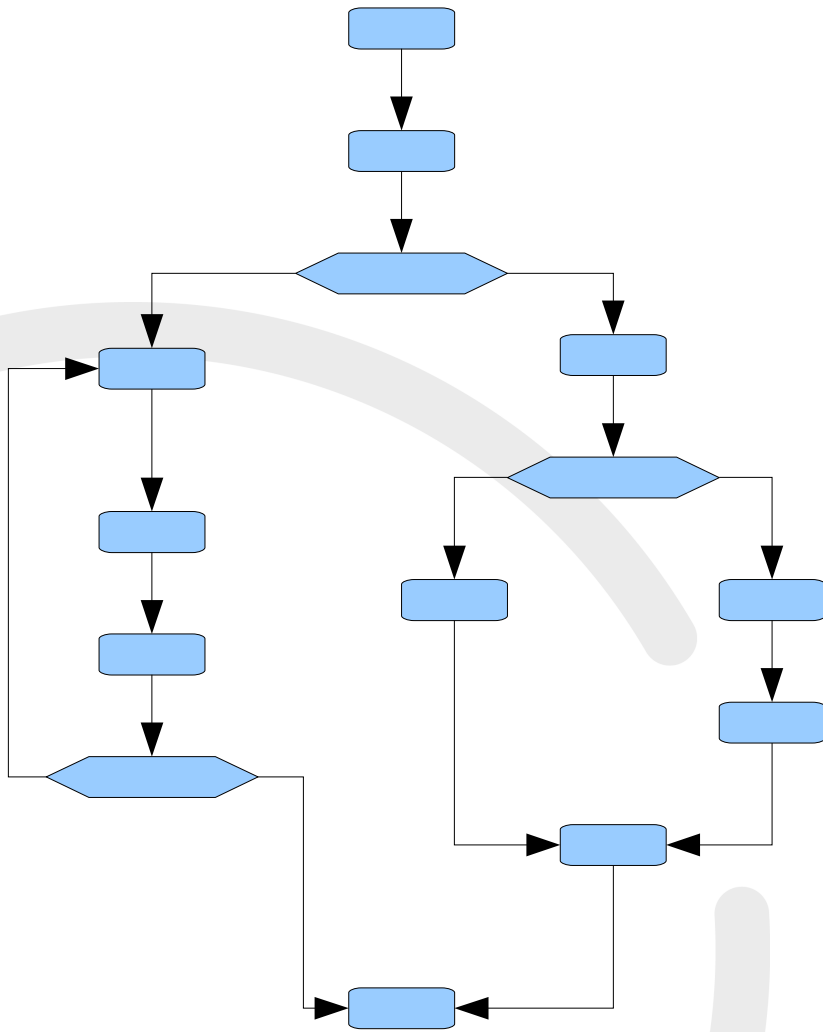
VS.



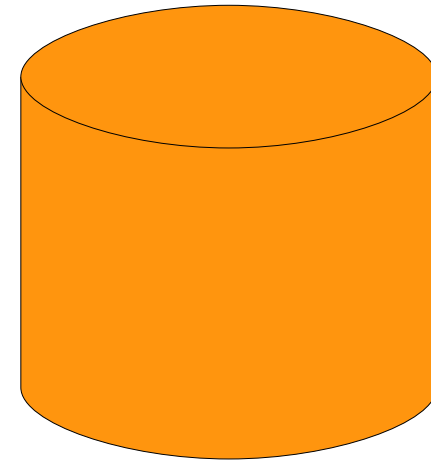
Buckminster



Software



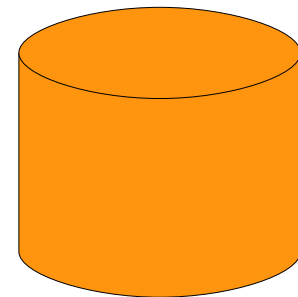
+



Data Driven



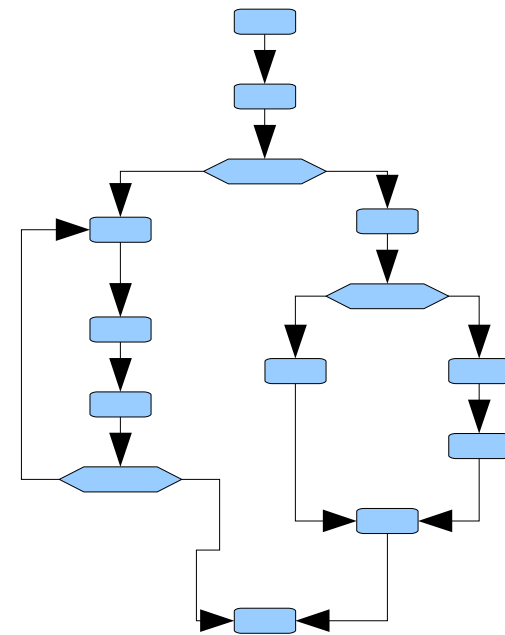
- MDD, EJB, Declarative Services
- Maven, Ivy, Buckminster
- XML !



Execution Flow Driven



- Imperative programming languages
- Ant
- Task !

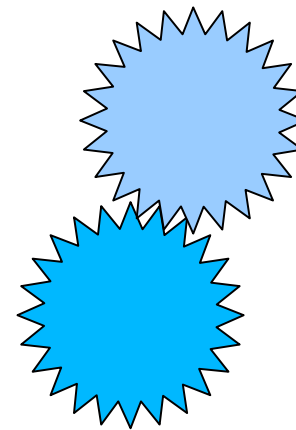
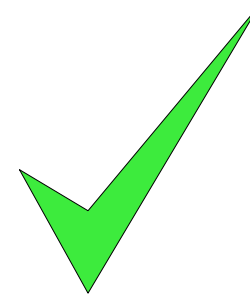


Ant++

- Ant-Contrib
- Gant
- Custom Ant-Tasks

Die Aufgaben des Builds

abc -> 01011001





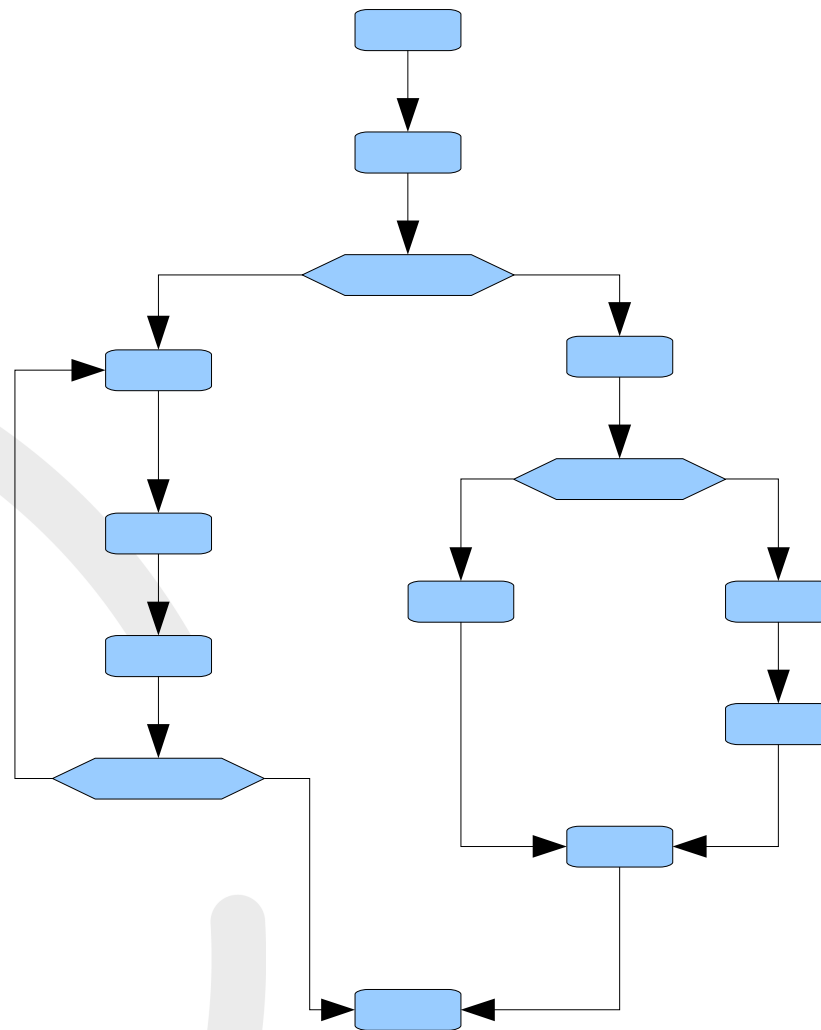
Qualitätsmerkmale

- Ein Build, viele Umgebungen
- Einfachheit / Wiedererkennbarkeit.
- Schnell builden, schnell failen.

Smells

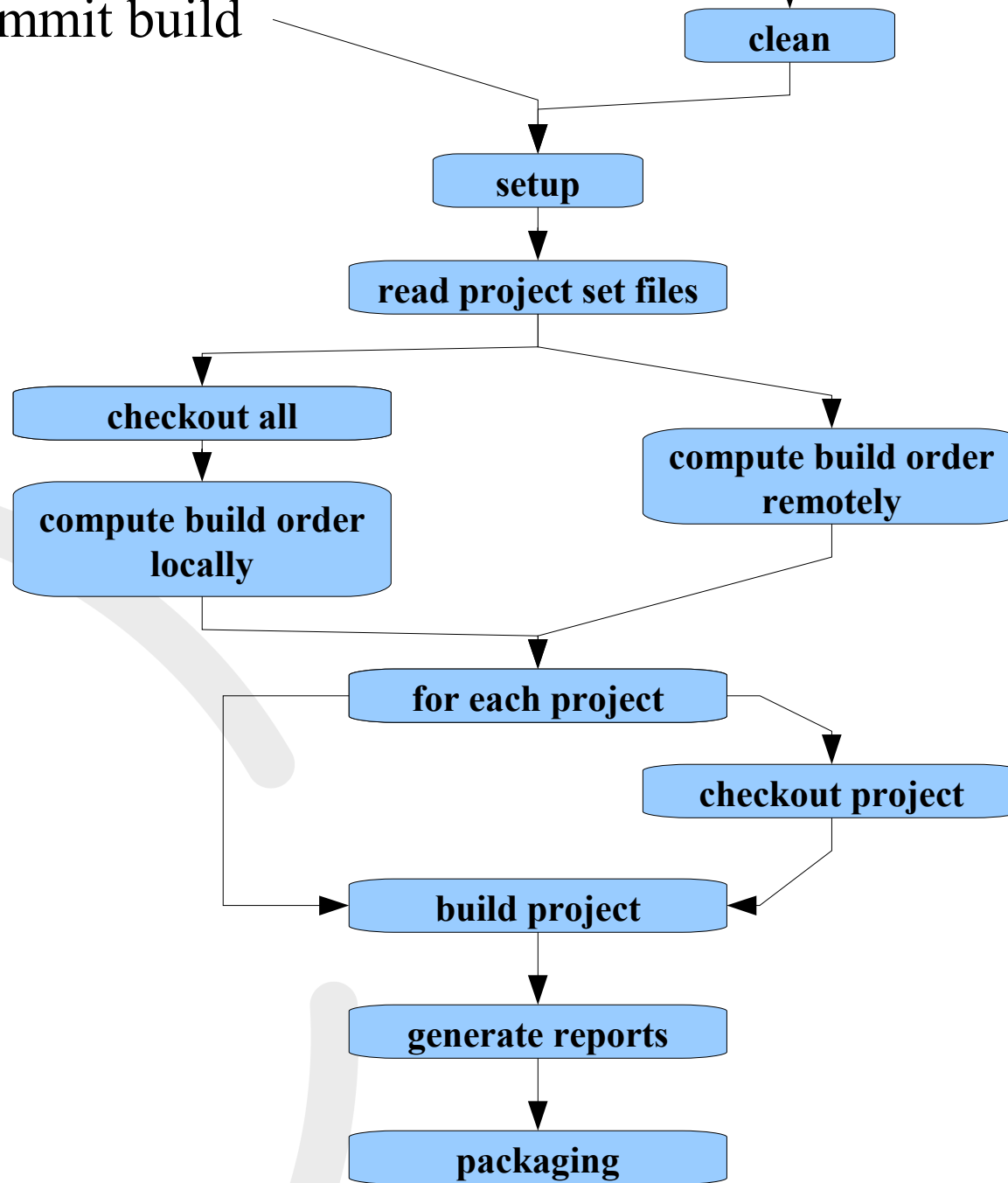
- Duplizierung der Information
- Fragile Builds
- Workarounds

Execution Flow



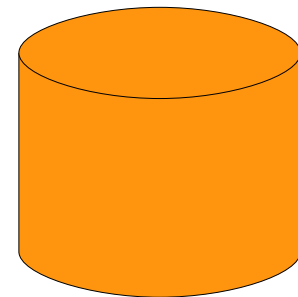


Commit build

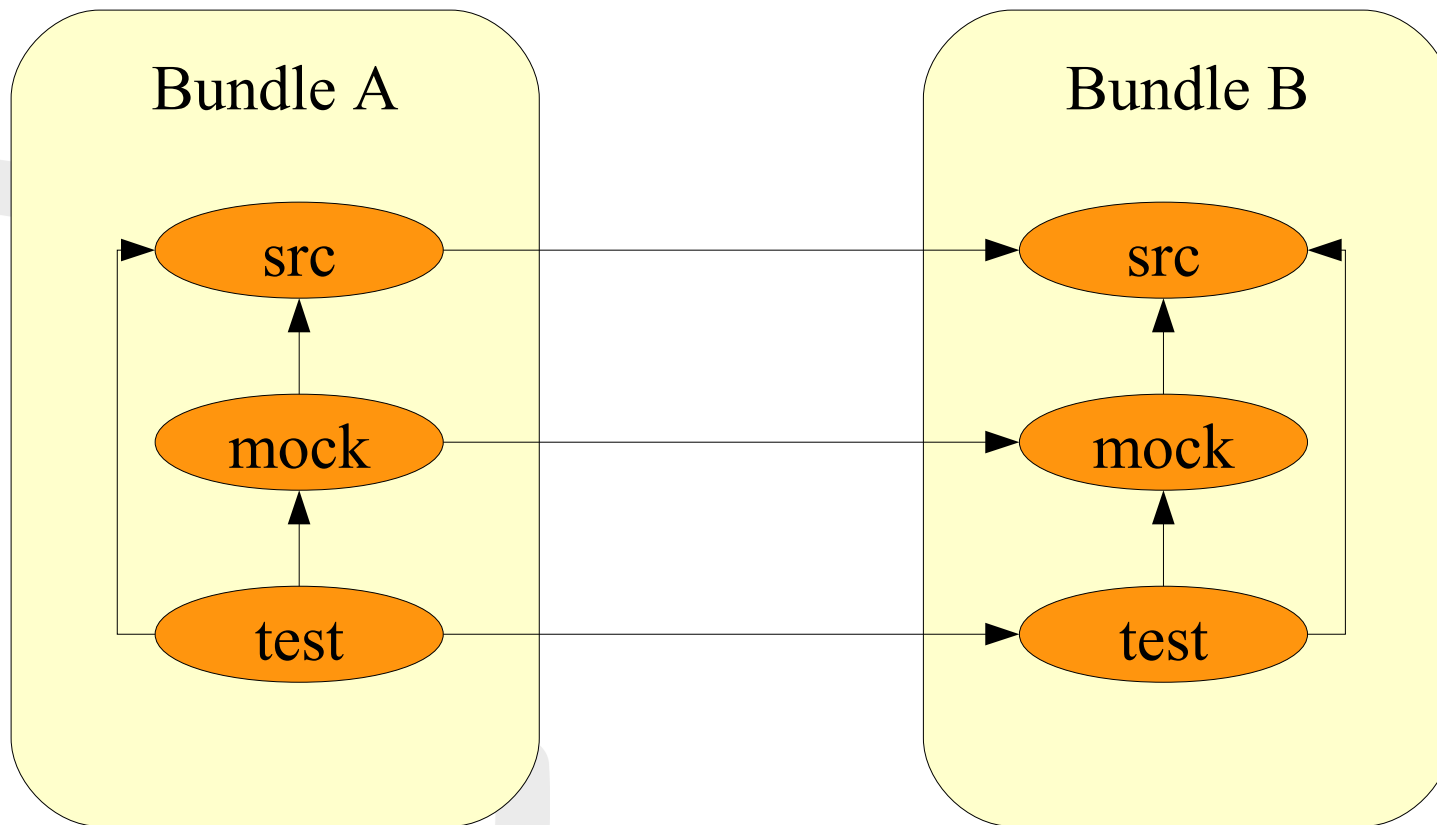


Bundlestruktur

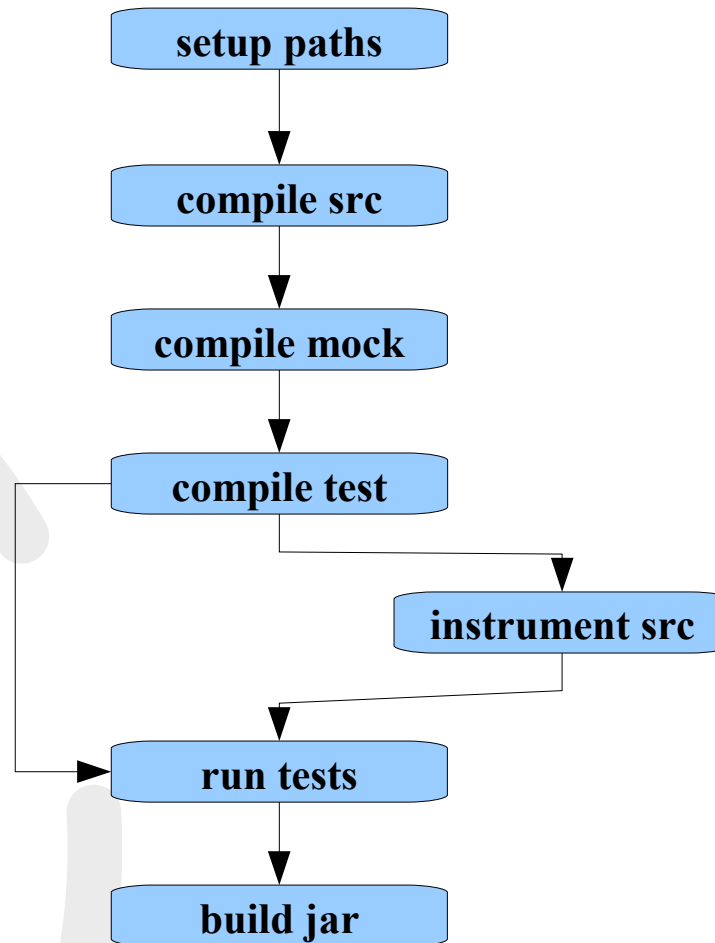
- Projektverzeichnis
 - src
 - mock
 - test
 - META-INF
 - MANIFEST.MF
 - .classpath
 - build.properties



Abhängigkeiten

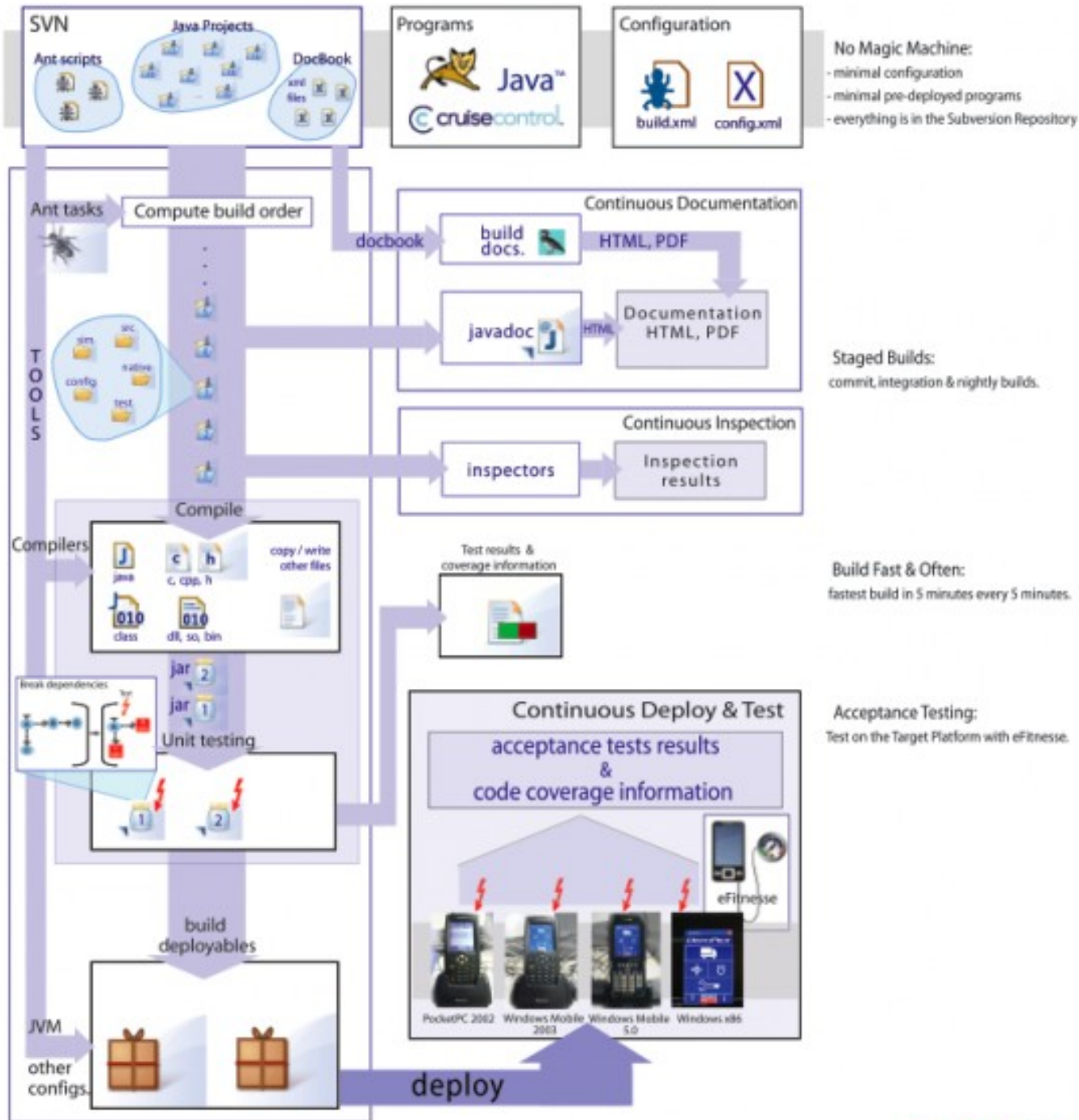


Build project





A Complete Continuous Integration System for embedded OSGi Projects





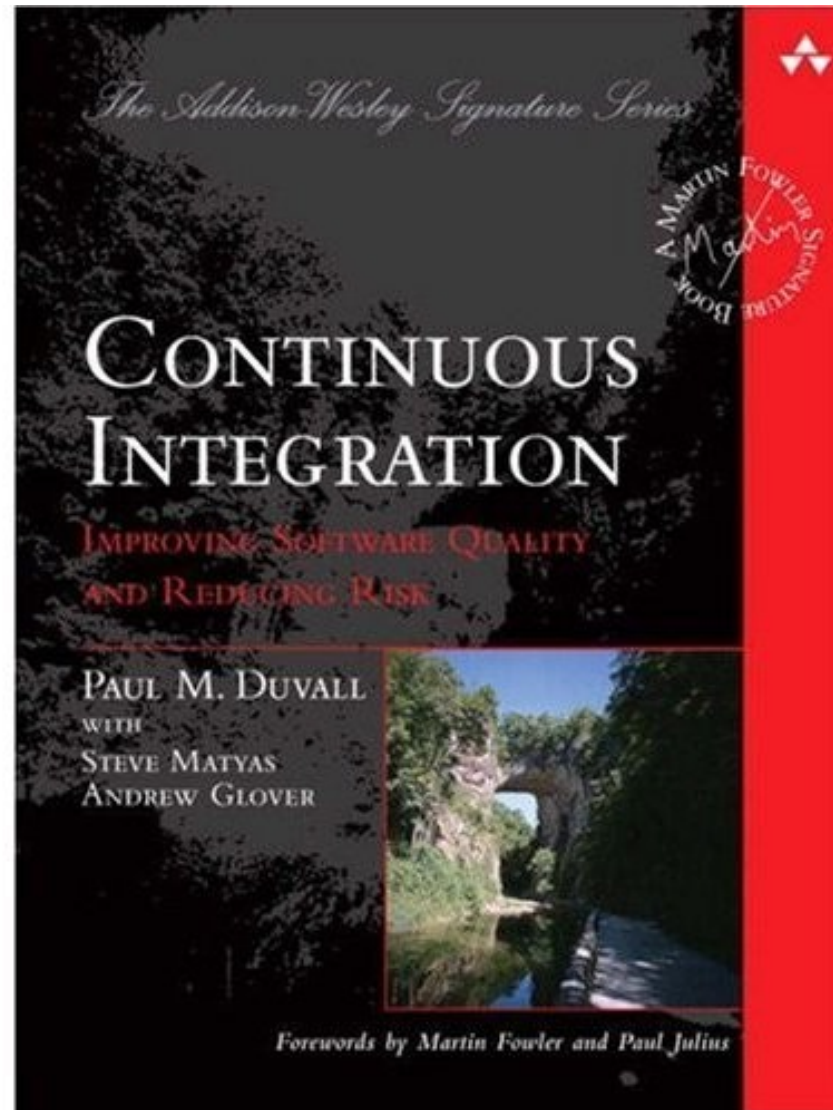
CI Tools

© cruisecontrol.

CI Features

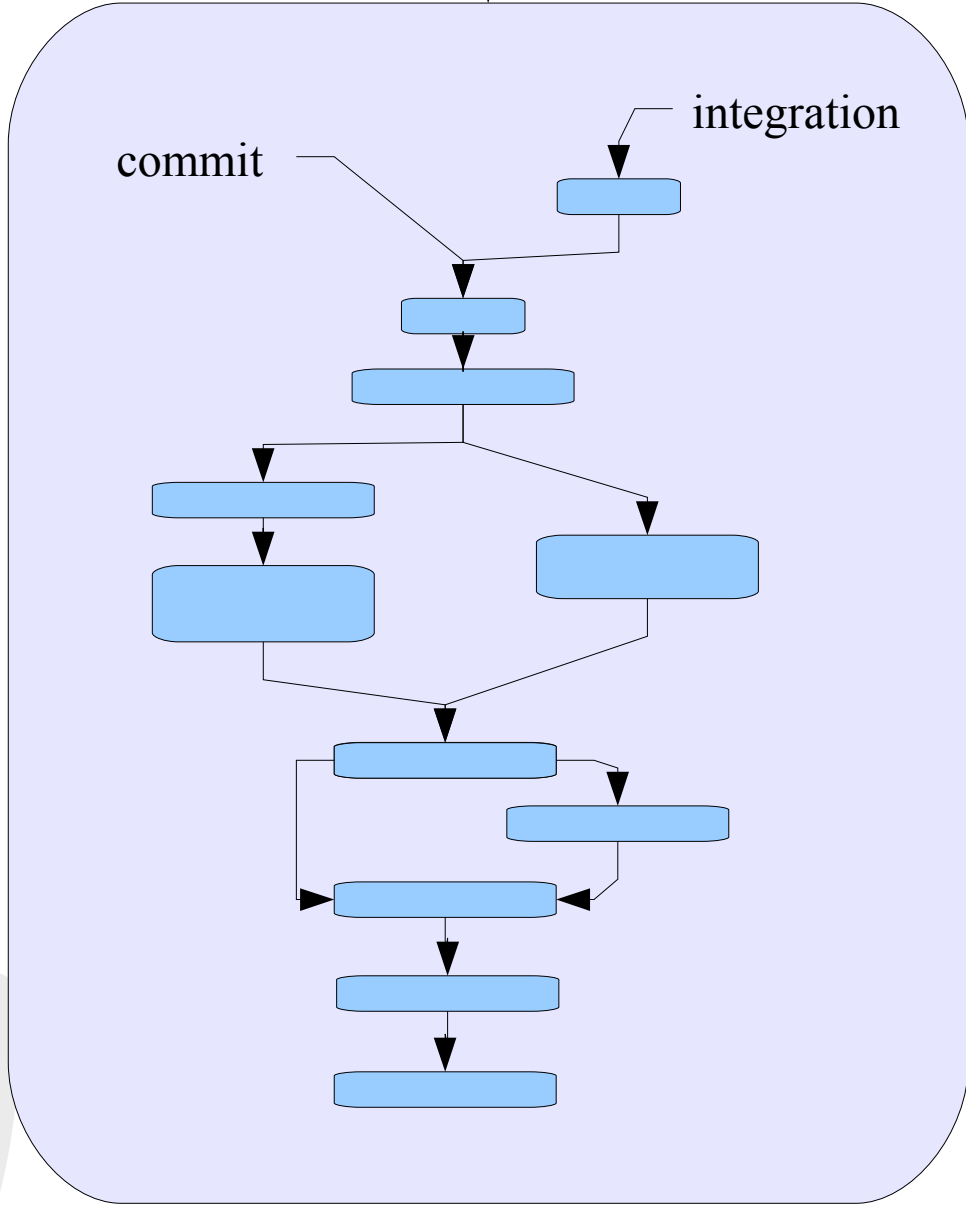
- Buildtriggern
- SVN/CVS Anbindung
- Email
- Scheduling
- GUI
- [Staged Builds]
- [Distributed Builds]

Das Buch





bootstrap






Dashboard Server : crct-p5.microdoc.dmz



Dashboard

Builds

Administration

 **usm-commit passed (about 16 hours ago)**  

Build Time: 29 Apr 2009 18:23 GMT +02:00 **Duration:** 1 minute 45 seconds


















Build: build.14

Artifacts Modifications Build Log Tests Errors and Warnings

Artifacts

- coverage
- log
- usm.zip

Latest Builds

-  about 16 hours ago build.14
-  about 16 hours ago build.13
-  about 16 hours ago build.12
-  about 19 hours ago build.11
-  about 20 hours ago
-  about 23 hours ago
-  about 23 hours ago build.10
-  about 23 hours ago build.9
-  1 day ago build.8
-  1 day ago build.7
-  1 day ago build.6
-  1 day ago build.5
-  1 day ago build.4
-  1 day ago
-  1 day ago
-  1 day ago
-  1 day ago



Fragen ?

