

Secure Your Supply Chain through Declarative Builds

Repeatable and secure software compiles are the groundwork for achieving consistency in your software supply chain. Whatever your software application, OpenMake Meister insulates and secures the creation of binaries using a declarative model that eliminates ad-hoc and vulnerable software builds.

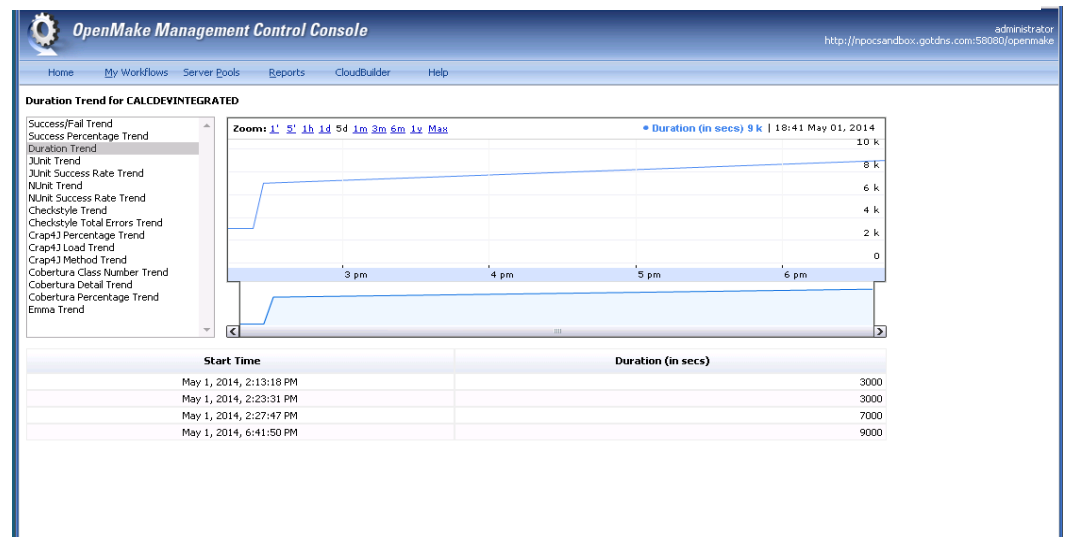
Simplicity Rules

- *Manage the supply chain to insulate builds from hacks and human errors.*
- *Gain binary insight for easy validation and audit.*
- *Expand SBOMs with configuration data.*
- *Accelerate your Software Compiles to increase CI iterations.*
- *Create Consistent Release Candidates incrementally.*
- *Build at Scale with server pools.*

Creating consistent release candidates across the continuous delivery pipeline requires a standardized process. Transitive and source level dependencies must be referenced and validated. Builds must run fast and scale to support iterative CI practices. Shared components, compiler configurations and database updates must be carefully choreographed. This requires a declarative build process that is self-service, repeatable, and transparent allowing each team to fully control how binaries are created, with the guard rails needed to make them secure.

A Better Way

Meister simply delivers a better way of creating release candidates without the hype.



Build Trend Reporting

Integration Matters

Meister integrates with your IDEs like Eclipse and .Net and includes over 400 different compiler plug-ins. Meister performs source code dependency scanning for all major languages. Meister supports auditing with Git, SVN, IBM ClearCase, CA Harvest, Perforce, Nexus, Artifactory and file system based repositories. It includes Plug-ins to CI/CD tooling and supports multiple platforms from Linux to z/OS.

Build Insight and Transparency

Meister eliminates guess work by providing build Impact Analysis and Audit reports that track all source and libraries used to create your binaries. The Build Audit report exposes all artifacts in your supply chain used to create your release candidate – even if they are NOT managed by a version control solution.

Build Audit Report for dmadminweb.war

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Project Variables:
  Built on rocket by meister at 04/30/2017 20:07:59
  System Info
    Node   : rocket
    Kernel : Linux
    Release : 3.10.0-123.20.1.el7.x86_64 #1 SMP Thu Jan 29 18:05:33 UTC 2015
Environment Variables:
  APPL=DEPLOY-PLUS
  CFG=RELEASE
  JAVA_HOME=/usr/java/jdk1.8.0_71
  JENKINS_BUILD_NUMBER=772
  TOMCAT_LIB=/home/meister/tomcat7/lib
  USER=meister
  _=/opt/meister/client/bin/om
Dependencies:
Commit by User      File Timestamp      File Size  File Name
08e2ba0 by Phil Gibbs 04/11/2017 08:14:14 85675     /opt/jenkins-slave1/workspace/DeployHub-Pro/dmadminweb/src/dmadmin/API.java
e031066 by Steve Taylor 02/08/2017 09:32:14 2303      /opt/jenkins-slave1/workspace/DeployHub-Pro/dmadminweb/src/dmadmin/About.java
edeeffc by Phil Gibbs 02/08/2017 09:32:14 2727      /opt/jenkins-slave1/workspace/DeployHub-Pro/dmadminweb/src/dmadmin/ActionDetails.java
edeeffc by Phil Gibbs 02/08/2017 09:32:14 5221      /opt/jenkins-slave1/workspace/DeployHub-Pro/dmadminweb/src/dmadmin/AddEvent.java
edeeffc by Phil Gibbs 02/08/2017 09:32:14 4365      /opt/jenkins-slave1/workspace/DeployHub-Pro/dmadminweb/src/dmadmin/AttributeChangeSet.java
  
```

Build Audit Report

Consistent Release Candidates

Consistent software builds are achieved when ad hoc scripting processes are reduced or eliminated. Meister’s declarative approach standardizes on how your binaries are assembled, and what objects are used to create them.

USAA reported that Meister allowed them to reduce their one-off build scripts from over 1,000 to 11 reusable build modules shared across all teams.

Safe Accelerated Builds @ Scale

Meister accelerates software compiles by performing reliable ‘just in time’ dependency management for incremental builds and parallel processing for full builds. Meister can bring your build times down from hours to minutes and support build processing across thousands of server pools.



Server Pool Management

Learn More

- Learn more: www.openmakesoftware.com.
- Contact us: request-info@openmakesoftware.com