

Take Control of Your Build Process

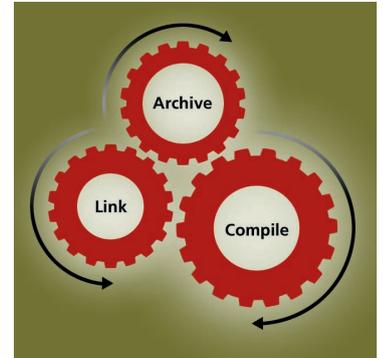
OpenMake® Meister® enables development teams to control the software build process, providing standardization, acceleration, and auditing. Meister delivers speed, transparency, consistency and repeatability across the software development lifecycle. Meister saves time and money by shortening development cycles and consolidating time consuming redundant tasks. With Meister, organizations have a simplified process for managing the application build across diverse languages and platforms.

Standardized Build Best Practices

Meister is the only solution that gives you complete control over the software build. It manages dependencies, automatically generates build scripts, executes accelerated, incremental builds, and provides detailed audit reports. Meister replaces expensive to maintain homegrown and open source build systems with standardized build services for integrating, compilers, linkers, archive tools and other common development tools into a seamless distributed lifecycle management system. Teams benefit by implementing build best practices in a standardized way across all languages and platforms. Meister is also a programmable environment, so build engineers can use the Meister API to develop custom Build Services that tightly integrate their particular combination of commercial, open source, and in-house developed tools into the Meister build management platform.

Eliminate Manual Tasks

Meister automates manual tasks and eliminates the redundant, error-prone activities commonly performed by build engineers and developers, especially build scripting. OpenMake Meister ships with over 100 reusable Build Services enabling teams to quickly build applications that use common development tools and environments, such as MSBuild, GCC, Flex, WebSphere, WebLogic, and Java. Meister provides a project dependency database that enables teams to publish and then reuse the output of builds, streamlining the development process and enabling builds to intelligently flow through the software lifecycle. Build scripts are automatically generated by Meister as part of the build process, eliminating costly script errors.



Meister Build Automation

Build Acceleration

By directing calculating and managing software dependencies, Meister accelerates builds, enabling teams to implement agile and other fast-moving development processes. Builds are further accelerated by Meister, which can determine which build tasks can be run in parallel – taking full advantage of separate processors on multi-core machine hardware. With Meister, agile teams can achieve 10 minute incremental builds for most projects, ensuring that continuous integration and unit testing runs smoothly and efficiently for maximum benefit.

Advanced Build Analytics

Going beyond basic build logs, Meister provides team leads and managers with actionable build analytics, including impact analysis audit reports, to enable better software development decision making. Meister Insight reports document the dependencies, environment and other critical information about a build. Managers can ask and answer important questions around the impact of specific code changes to drive accurate test and release practices. Meister can even embed footprint data in binaries, enabling teams to simplify the software support and maintenance process by unambiguously identifying the contents and origin of any software release.

Enterprise Scalability and Cross-Platform Support

Because Meister plugs into the Mojo distributed continuous integration and workflow platform, it delivers the benefits of acceleration, standardization and auditing throughout the enterprise. Combined with Mojo workflow, Meister enables teams to automate complex build, test and deploy processes that are tailored to specific needs, rather than forcing teams to adjust their process to fit their build tool. By taking advantage of virtual and cloud computing environments, Meister build management solutions let teams respond quickly to today's fast moving enterprise development and lifecycle challenges.

Build Engines and IDE Integration
Eclipse Workspace and the Eclipse JDT/CDT
Manage Ear and War Deployment Descriptors
Java Jar, Java War, Javadoc
Maven and Ant
Make, NMake, CMake, EMake, OMake, IMake
Microsoft Visual Studio .Net (2003, 2005, 2008, 2010) project and solution files integrated with DevEnv and MSBuild
Microsoft Visual Studio 6.0 integrated with Nmake
Microsoft Visual Basic integrated with VB6.exe and VB5.exe
MD5 Checksum for executable validation
IBM Rational Software Architect (RSA) (Jar, War, Ear) integrated into the Eclipse Framework
IBM Rational Application Developer (Jar, War, Ear) integrated into the Eclipse Framework
IBM Websphere 5.1 and 6.0 (Ear, War, Jar, EJBDeploy, WSEJDeploy)
Weblogic (JSPC, EJB, Jar, War, Servicegen, XMLBeans)
Borland Delphi integrated with DCC32.exe
GNU Compiler for DLLs and EXEs
Informix
Oracle Forms, Menus, PSQL and Reports
Sybase ASE (ISQL)
Microfocus Cobol
PeopleSoft
PowerGen/PowerBuilder
Tuxedo Server and Client

Workflow Automation	
OpenMake Mojo (Meister includes Mojo)	Cruise Control and Cruise
IBM BuildForge	Urban Code - AnthillPro
Microsoft Team Build	JetBrains TeamCity
Electric Cloud -Electric Commander	Hudson

Additional OpenMake Software Build Automation Solutions:

OpenMake Meister® Insight Software blueprints for clear and accurate build audits

Meister Insight generates blueprints of your application's architecture and design. By leveraging the Meister dependency management technology, Insight produces the audit and impact analysis reports you need to fully trace and match your source code to binary objects. Insight allows you to better meet audit requirements and plan source code changes by showing you how the many pieces of a software project fit together. Insight gives you the information you need to meet audit demands and make planning decisions without the guess work.

OpenMake Meister® for z/OS Standardizing build automation across the entire enterprise.

Meister for z/OS is the only solution available that allows you to standardize your build automation across the enterprise - from Windows/Unix to the Mainframe, providing a "one size fits all" solution. Meister for z/OS provides a central, common method for automating builds, regardless of the language or Operating System. So go ahead, develop on the mainframe, Meister has you covered.



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