



Java Mission Control – Coming soon to a JDK near you

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@/#javamissionctrl

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What This Talk is All About

- Java Mission Control?
 - Coming soon?
 - JDK near you?
- Demo!



Java Mission Control

A profiling and diagnostics tools suite for HotSpot

- Production time profiling and diagnostics
- Low overhead
 - Using already available runtime information
- Client available as a stand alone application & Eclipse plug-ins
 - Built in GUI editor for easy customization (not supported yet)





JRockit Mission Control 🖤 JRockit





JRockit Mission Control 🖤 JRockit

JCMD
Built-in Flight Recorder
Improved JMX Agent & JDP
Native Memory Tracking

•On-line Heap Analysis

Java Mission Control V HotSpot



Java Mission Control Tools

The tools available in Java Mission Control 5.x

Two main tools:

- Management Console
 - One of the best JMX Consoles available
 - Use for monitoring
- Flight Recorder
 - High performance JVM event recorder
 - Use for diagnostics, profiling
- More tools as downloadable addons



Flight Recorder

101



- Event Recorder
 - Different types of events
 - Duration Event, Instant Event, Requestable Event
 - Java and JVM events produced by the JDK
 - 3rdparty events Weblogic, Glassfish, add your own as well!
- Low Overhead
 - Use in production







FLIGHT RECORDER DEMO





How do I know that I've got JavaMissionControl?

📙 Java SE Development Kit – Custom Setup	—			
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Welcome to the Installation Wizard for Java SE Development Kit				
This wizard will guide you through the installation process for the Java SE Develop Kit	oment			
The Java Mission Control profiling and diagnostics tools suite is now available as p the JDK.	part of			
Next >	Cancel			

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Meet me and other Java engineers

Java Community Corner 18.00-18.30 Tuesday

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