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# Java Mission Control – Coming soon to a JDK near you

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@klaraward @/#javamissionctrl

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# What This Talk is All About

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


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# 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)*


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# History

JRockit Mission Control ♥ JRockit


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# History

JRockit Mission Control ♥ JRockit

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

- On-line Heap Analysis

Java Mission Control ♥ HotSpot


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# 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


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# Flight Recorder

## 101

- JFR
- 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


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# FLIGHT RECORDER DEMO


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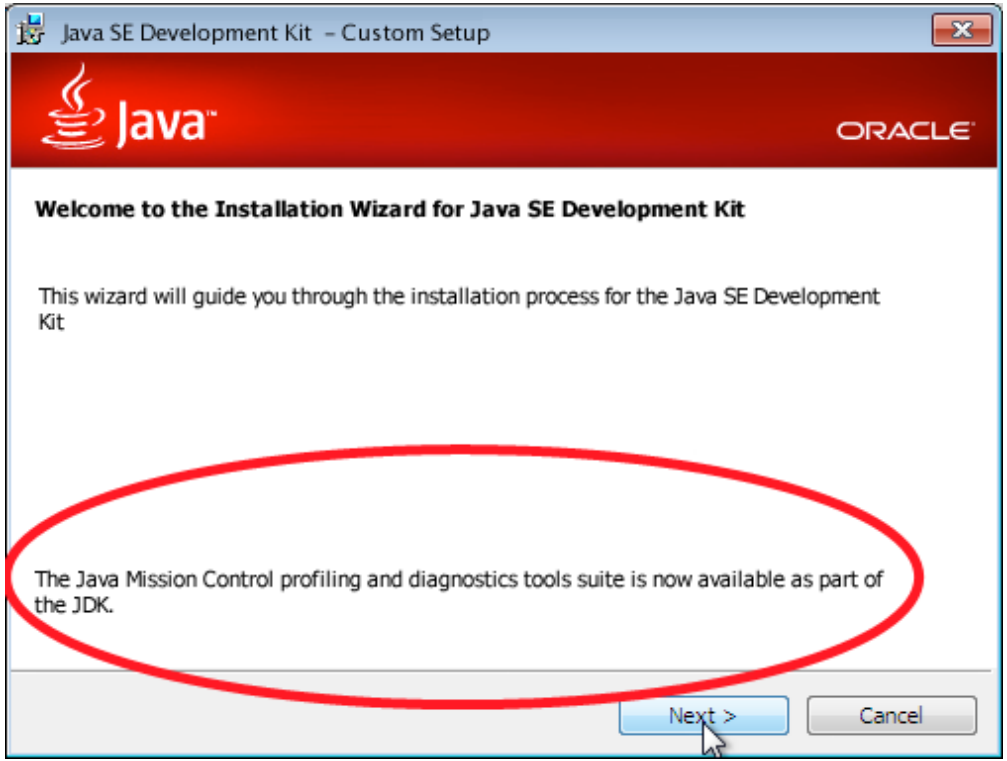
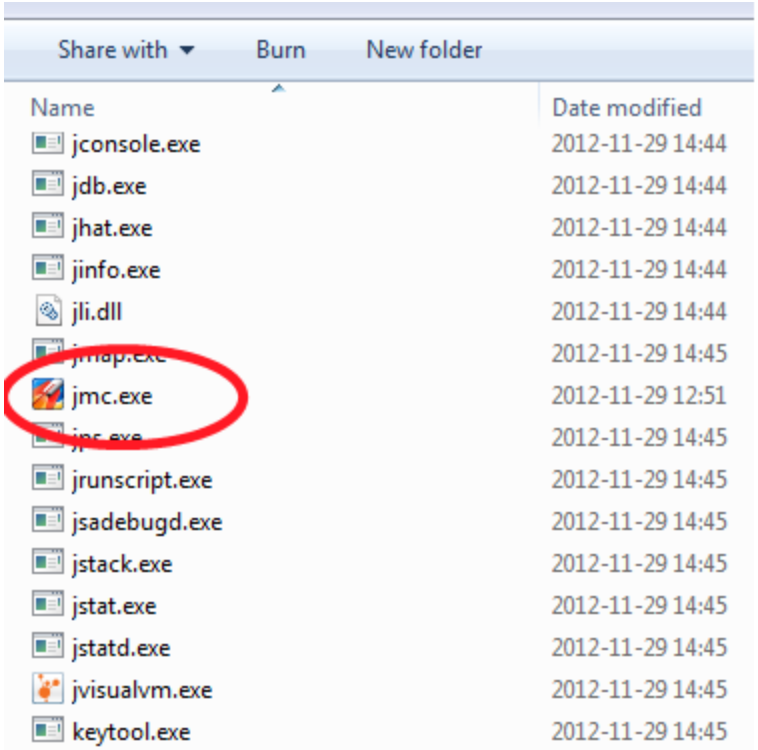
# How do I know that I've got JavaMissionControl?





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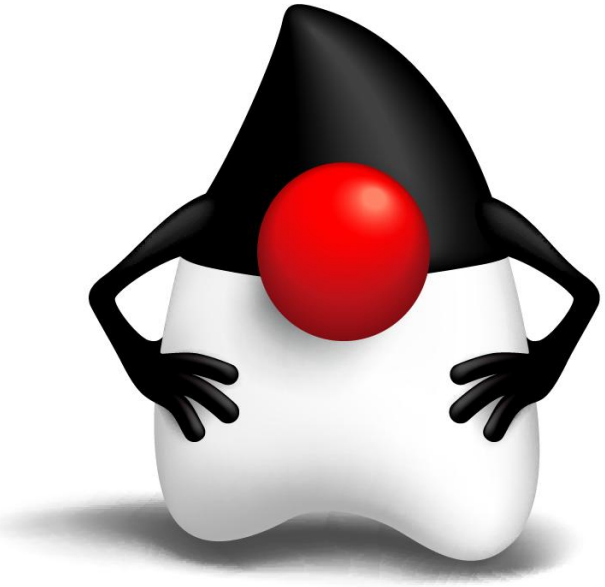

# Meet me and other Java engineers

Java Community Corner
18.00-18.30
Tuesday

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Java™