**BridgePoint Profiler**

**References**

The following sheet has initial research information for each product tested.

[BridgePoint Profiler Research](https://docs.google.com/spreadsheets/d/1PILhtDHFWBIWIWv07Ik1mYs_8G_QLoGVgwZoQWTWcaQ/edit#gid=0)

The profilers that are going to be evaluated are:

[jvisualvm](https://docs.oracle.com/javase/8/docs/technotes/tools/unix/jvisualvm.html)

[YourKit](https://yourkit.com)

[JProfiler](https://www.ej-technologies.com/products/jprofiler/overview.html)

[IBM Health Center](https://www.ibm.com/developerworks/java/jdk/tools/healthcenter/)

**Jvisualvm**

jvisualvm is provided with any installed JDK. It is free. This profiler does not have any IDE integration and runs entirely as its own application. It can attach to running processes as well as remote processes if configured appropriately. The UI is simple but elegant enough. It is also intuitive enough for any user that understands profiling.

**YourKit**

YourKit is a widely used profiling tool for java applications. It also includes eclipse integration which is added easily through the initial application installation. This profiler costs $499 per single-user license with a bulk discount at 5 licenses for $1399.

**JProfiler**

JProfiler is a widely used profiling tool for java applications. It also includes eclipse integration which is added easily through the initial application installation. This profiler costs $499 per single-user license with a bulk discount at 4-7 licenses for $427/license.

**IBM Health Center**

This tool is provided as an eclipse extension by IBM. It is free to use.

**Hardware And Data Used For Evaluation**

Host:

MacBook Pro (15-inch, Late 2016)

2.7 GHz Intel Core i7

16 GB 2133 MHz LPDDR3

Radeon Pro 455 2048 MB

Intel HD Graphics 530 1536 MB

Installation:

<https://s3.amazonaws.com/xtuml-releases/release-build/20170127_v6.0.0/BridgePoint_v6.0.0_macosx.cocoa.x86_64.zip>

Data:

Workspace containing development models (without ooaofooa but with MASL).

2) From xtuml/mc/model, import maslin, mcooa and mcshared.

3) From xtuml/bridgepoint, import org.xtuml.bp.ui.marking.