

Documentation of JavaTreeProfiler

Projekt: JavaTreeProfiler

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URL:

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1 SourceForge

Hosted on SourceForge

1.1 Download

Download from SourceForge [www](http://sourceforge.net/project/showfiles.php?group_id=45045) http://sourceforge.net/project/showfiles.php?group_id=45045

2 Installing

2.1 Prerequisites

- ant
- JDK 1.2 or later
- g++ on Unix or Visual C++ on Win32
- Linux, Solaris or Win32

2.2 Compiling

Simply unpack the
JProfiler archive [www](#) jprofiler-1.0.tar.gz
and start
ant

```
ant
```

will compile the Java Files and the JVMPI client, starts a sample application and displays the profiling result in a treemap.

3 Running

3.1 Profiling an application

To run the profiler copy the
libjprofiler.so
to a location that can be found by the dynamic loader.
Insert into the
jprofile.exclude
the classes/packages You don't want to profile.

Dateiname: ../jprofile.exclude

```
1 java.  
2 javax.  
3 com.sun  
4 sun.  
5 # org.apache  
6 # org.xml
```

Invoke your application by starting

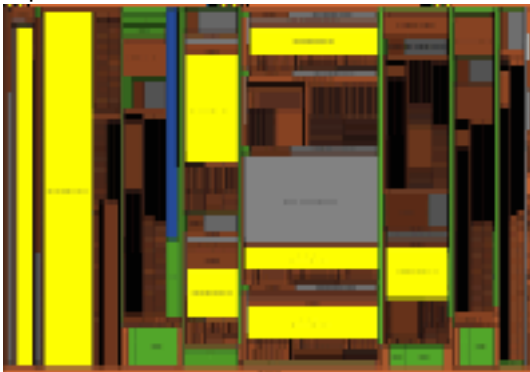
```
java -Xrunjprofiler my.package.name.MyClass my\_arg0 my\_arg1 ...
```

Start the profile viewer by starting

```
ant show
```

3.2 Viewer

After starting the viewer the main window will pop-up with a treemap of the `java.prof` output.



Sample output from ProfileViewer

You can navigate in the treemap with the mouse by

- Left mousebutton - *z* Zooming in
- Middle mousebutton - *z* Mark same function
- Right mousebutton - *z* Zooming out

In the

File

Menu you can load alternate files, or save the current view as a JPG image