

Readme for SamIam Release 3.0

Instructions:

This readme describes the Linux i386 release of SamIam version 3.0. The designation “i386” means that we compiled the supplementary libraries supplied with this version (`libcallsmile.so`, `libcalljvmti.so`) to run on i386 architectures. The principal part of SamIam is pure Java, and therefore will run on any system with a Java Runtime Environment, regardless of architecture.

SamIam was designed and tested to run with Java version 4 or newer, but runs best with the latest Java Runtime Environment. SamIam shows several advanced features only with JRE version 5 or newer. On many Linux systems, the path to a Java executable is “`/usr/bin/java`”.

To unzip the file `samiam30.linux.i386.tar.gz`:

- 1) Change to the directory that contains the file `samiam30.linux.i386.tar.gz`
- 2) Execute the command “`tar xzf samiam30.linux.i386.tar.gz`”

To run SamIam:

- 1) Change to the SamIam installation directory, “`samiam/`”
- 2) Execute the command “`./runsamiam`”

For questions or feedback, contact:

SamIam Tech Support
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List of all files:

- `samiam.jar` – Java archive file needed to run SamIam.
- `inflib.jar` – Java archive file needed to run SamIam. Also, a standalone inference library.
- `libcallsmile.so` – (optional) a Linux shared object library (i386 architecture) needed to open files of type `.dsl`, `.xdsl`, `.dsc`, `.dne`, and `.erg` in SamIam.
- `libcalljvmti.so` – (optional) a Linux shared object library (i386 architecture) needed for thread timing.
- `htmlhelp/` – (optional) the directory containing the SamIam online help.
- `network_samples/` – (optional) this directory contains some example network files to get you started.
- `library_javadocs/` – (optional) this directory contains the API documentation for our standalone inference library `inflib.jar`.
- `runsamiam` – a shell script to invoke SamIam with increased memory allocation.
- `Readme for SamIam Release 3.0 Linux i386.pdf` – this readme file.
- `samiamrc.xml` – the initialization file SamIam will create automatically the first time it runs.

Advanced Instructions:

To increase or decrease the memory available to SamIam:

We deliver SamIam with the invocation script “`runsamiam`” that passes necessary arguments to the Java virtual machine. In particular, this run script passes the argument ‘`-Xmx`’ to Java in order to increase the maximum size of the runtime memory allocation pool to 512 megabytes. You may choose to edit your run script in order to increase or decrease the memory available to Java. Java’s default memory allocation, 64 megabytes, is insufficient to compile larger, more complex networks. For more detailed instructions, please consult [Sun’s documentation](#).

Prepared by Keith Girolamo Cascio, January 14, 2010 11:59