

**This is your Azul Systems guide** to open source software,

The industry's only company exclusively focused on Java  
and the Java Virtual Machine (JVM).

 [azul.com/open-source](https://azul.com/open-source)

 [@zulucommunity](https://twitter.com/zulucommunity)



# JAVA WITHOUT LIMITS



## Azul Zulu® and Zulu Enterprise

Zulu is a 100% open source, fully-supported distribution of OpenJDK™ for Linux, Windows, Mac OS X and cloud deployments.

- ▶ Java SE 8, 7 or 6
- ▶ Available for multiple operating systems:
  - ▶ Mac OS X
  - ▶ Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Ubuntu, CentOS, Debian and Oracle Enterprise Linux
  - ▶ Windows Server and Windows Client
- ▶ Virtualization platforms: VMware, Hyper-V and KVM
- ▶ Cloud: Microsoft Azure and Amazon AWS (EC2 and S3)
- ▶ Enterprise support options available via Zulu Enterprise (Premium support offering including ten-year support lifespan for major releases)
- ▶ Enhancements are contributed back to OpenJDK



## Zulu Embedded

Zulu Embedded provides customizable, scalable open source Java for embedded systems and the IoT. Azul participates in the Eclipse Foundation's IoT working group, bringing open source Java development and runtime solutions to the IoT.

- ▶ Java SE 8, 7 or 6
- ▶ 32- or 64-bit
- ▶ Fully customizable footprint



↓ [zulu.org](http://zulu.org)



 [@zulucommunity](https://twitter.com/azulcommunity)  
 [azul.com/zulu-embedded](http://azul.com/zulu-embedded)

## jHiccup

jHiccup is an open source tool developed by Azul CTO Gil Tene (@giltene) that provides a quick picture of your applications' production performance. Create, analyze and compare response time profiles and identify the source of production performance issues.

- ▶ Free and 100% open source
- ▶ Works with any Java application and/or JVM
- ▶ No performance overhead
- ▶ Generates easy-to-read graphs

## jRT

jRT is an open source tool designed to capture the spectrum of end user response times for JVM-based applications. It hooks network calls into and out from the running JVM, with traffic filtering options (eg. ports). This tool captures the time-series and variability of the Java Virtual Machine (JVM), operating system, hypervisor (if used) and hardware as application response times.

- ▶ Free and 100% open source
- ▶ Works with any Java application and/or JVM
- ▶ Generates easy-to-read graphs

↓ [azul.com/jHiccup](https://azul.com/jHiccup)

↓ [azul.com/downloads/jRT](https://azul.com/downloads/jRT)

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# Azul Open Source Activity



## Eclipse Foundation

As a Solution-level member, Azul will play a key role in establishing open source Java as the platform for IoT.



## Cloud Foundry Foundation

Azul Systems is a Silver member of the Cloud Foundry foundation, supporting Open Source PaaS. Azul Zulu will be available as part of the Cloud Foundry solution.



## Canonical Charms

Azul is a member of the Canonical Charms Partner Program, allowing customers to integrate Zulu into their projects easily and simplify deployment of large, distributed systems.



## Java Community Process (JCP) Executive Committee




Azul was recently re-elected to the Executive Committee where the company focuses on open community participation, developer voting involvement, and securing long term community access to the relevant Java technologies and IP.



## LLVM project

Azul Systems has a committer and leadership role. LLVM's goal is to provide a modern, SSA-based compilation strategy capable of supporting both static and dynamic compilation of arbitrary programming languages.

## Contact us

 @AzulSystems  
 info@azulsystems.com  
 +1.650.230.6500

Azul Systems  
385 Moffett Park Drive  
Suite 115  
Sunnyvale, CA 94089

