

Red Hat Software Collections 2.3 and Red Hat Developer Toolset 6 Now Generally Available

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Latest installments of Red Hat's curated, open source languages, databases and tools are designed to pair developer agility with production stability

RALEIGH, N.C.--(BUSINESS WIRE)-- Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced the general availability of Red Hat Software Collections 2.3, Red Hat's newest set of open source web development tools, dynamic languages, and databases. Red Hat Software Collections are delivered on a more frequent release cadence than Red Hat Enterprise Linux and are designed to bridge developer agility and production stability. This helps to accelerate the creation of modern applications that can then be more confidently deployed into production.

Also available today is Red Hat Developer Toolset 6, which helps to streamline application development on Red Hat Enterprise Linux by giving developers access to some of the latest, stable open source C and C++ compilers and complementary development and performance profiling tools. Accessible through the Red Hat Developer Program and related Red Hat Enterprise Linux subscriptions, including the [no-cost Red Hat Enterprise Linux Developer subscription](#), Red Hat Developer Toolset enables developers to compile applications once and deploy across multiple versions of Red Hat Enterprise Linux.

Red Hat Developer Toolset 6 is now also accessible across heterogeneous computing environments, with support for x86 servers as well as IBM architectures with Red Hat Enterprise Linux for Power and Red Hat Enterprise Linux for z Systems. Additionally, the latest version of Red Hat Developer Toolset will be available for the first time on Red Hat Enterprise Linux Server for ARM Developer Preview, which was recently rebased on Red Hat Enterprise Linux 7.3.

For developers looking to take advantage of Linux containers, many of the most popular Red Hat Software Collections are available as Dockerfiles and Docker-formatted images, with the latter made available via the Red Hat Customer [Portal](#).

New additions to Red Hat Software Collections 2.3 include:

The MySQL 5.7 and Redis 3.2 open source databases

Perl 5.24 and PHP 7.0, both dynamic open source languages (Perl 5.24 and PHP 7.0)

Git 2.9, the latest stable version of the open source software version control system

Thermostat 1.6, a Java virtual machine (JVM) monitoring tool

Eclipse Neon (4.6.1), the latest stable version of the Eclipse integrated development environment (IDE) - Eclipse Neon is also now available as its own software collection and is no longer a part of Red Hat Developer Toolset.

In addition, many collections have been updated, including:

PHP 5.6

Python 3.5

Ruby 2.3

MongoDB 3.2

Updated components within Red Hat Developer Toolset 6 include:

The GNU Compiler Collection (GCC) 6.2.1

The GNU Project Debugger (GDB) 7.12

A number of updates to toolchain components and performance tools

binutils (2.27)

elfutils (0.167)

Valgrind (3.12)

Dyninst (9.2.0)

strace (4.12)

SystemTap (3.0).

Applications built with Red Hat Software Collections can be deployed into production with greater confidence, as most software collections and components are [supported for three years](#), including security patches and bug fixes. In addition to Red Hat Enterprise Linux 6 and 7, applications built with Red Hat Software Collections can also be deployed to Red Hat Enterprise Linux Atomic Host and Red Hat OpenShift Container Platform, giving more choice and flexibility for application portfolios.

Availability

Red Hat Software Collections 2.3 and Red Hat Developer Toolset 6 are available now to customers with select active Red Hat Enterprise Linux subscriptions, as well as through the Red Hat Developer Program via the [no-cost Red Hat Enterprise Linux Developer subscription](#).

Supporting Quote

Jim Totton, vice president and general manager, Platforms Business Unit, Red Hat

"To help achieve the benefits promised by modern applications, development methods should include newer, innovative tools, but not at the cost of enterprise IT stability. Red Hat Software Collections is designed to pair the innovation needed for modern application development, including the creation of cloud-native applications, with the stability required by mission-critical systems, backed by Red Hat's enterprise-grade support and integrated with our robust product portfolio."

Additional Resources

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