

Release Notes Terracotta 3.4.0



The Terracotta 3.4.0_1 kit includes Terracotta 3.4.0, Ehcache 2.3.1 and Quartz 1.8.4. Please see Ehcache 2.3.1 [Release Notes](#) for further information on changes

Release Notes for Terracotta 3.4.0

New Feature

BigMemory for the Terracotta Server Array (L2)

BigMemory is an add-on product for Enterprise Ehcache and the Terracotta Server Array. It provides an off-heap cache that is not subject to Garbage Collection (GC). By avoiding performance-killing GC pauses, BigMemory allows Java applications to use as much memory as required. It works everywhere Ehcache works — for stand-alone and distributed caches — with no changes to application code and no special JVM or operating system requirements. It is available in two forms:

Additional Improvements

- Developer console improvements
- Platform Updates
 - Certification on JDK 1.6.0_22

Expected Updates and Scheduled Bug Fixes

in the Terracotta 3.4.0 Server Array and Kit [CDV Jira Project](#)



If You Are Upgrading: Terracotta Integration Modules in the Terracotta Toolkit

Users upgrading from a version earlier than 3.3.0 should note that the following Terracotta Integration Modules (TIMs) are now part of the Terracotta Toolkit JAR:

- tim-concurrent-collections
- tim-distributed-cache
- tim-annotations
- tim-async-processing

Product installation does not require specifying these TIMs. See the [product documentation](#) for more information on installing Terracotta products with the Terracotta Toolkit JAR.

Known Issues

- DEV-4875: Clustered Offheap statistics show allocated offheap space rather than offheap occupied in Terracotta Developer Console Graphs. This is as designed but should be noted as it may cause confusion.