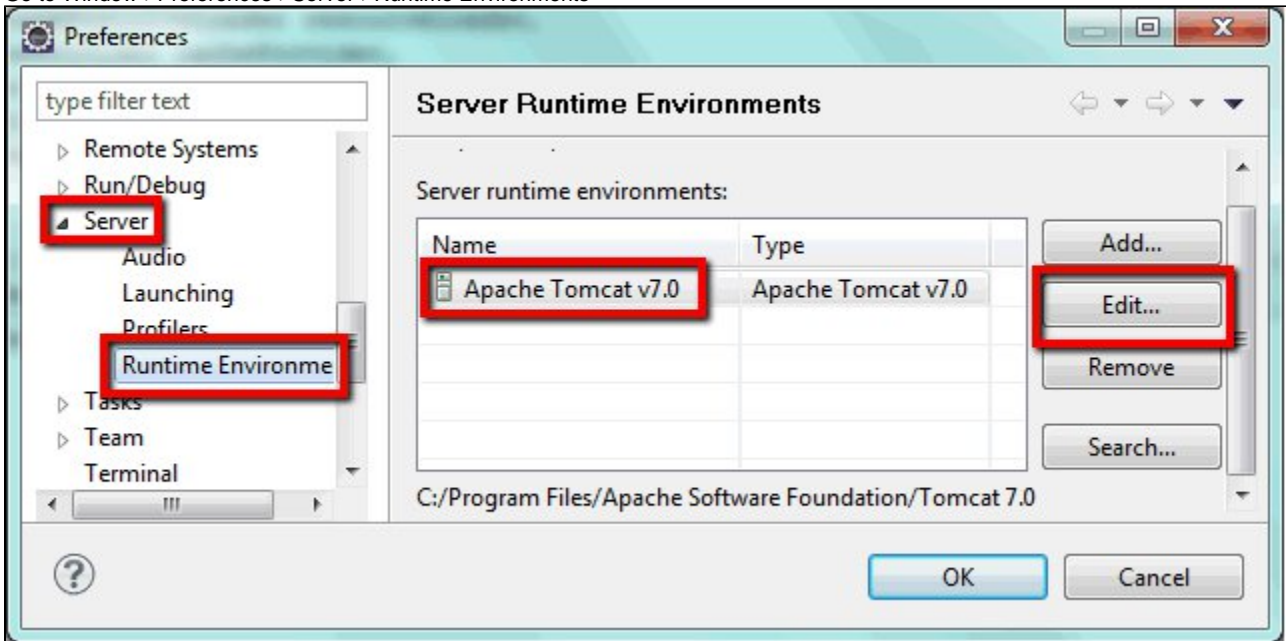


Monitoring EhCache with JMX

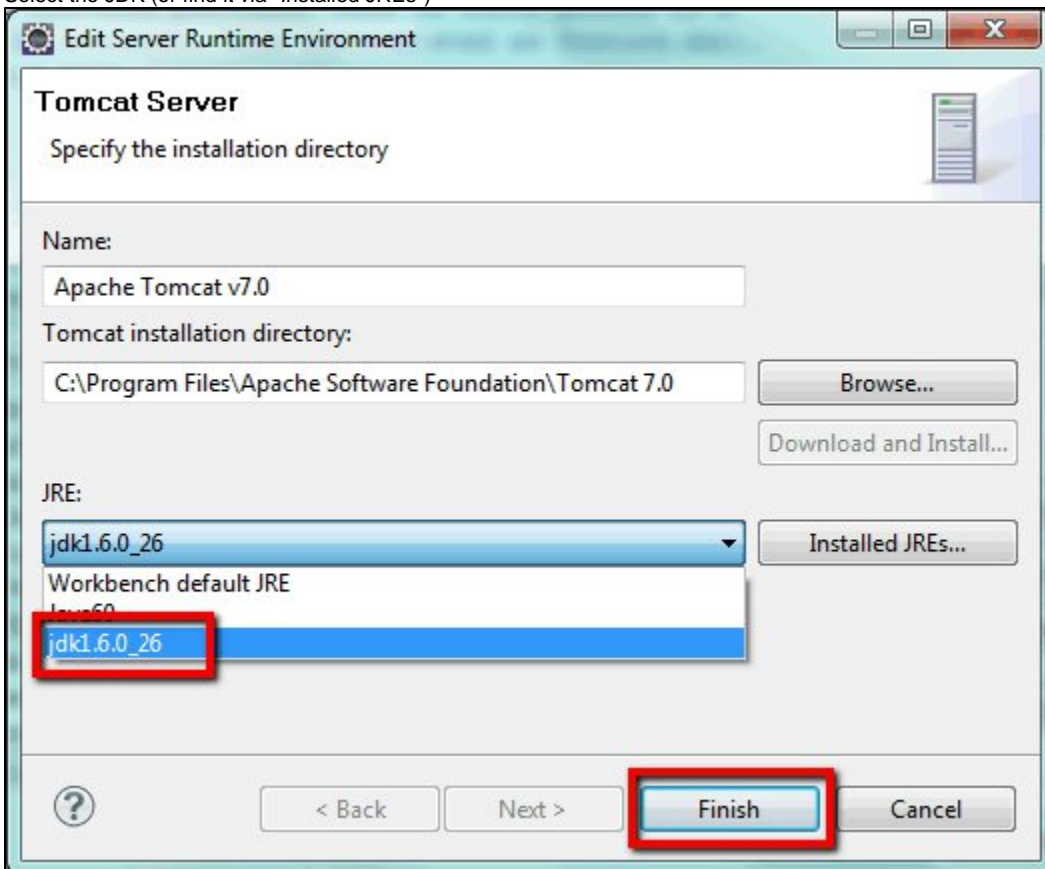
Monitoring EhCache with JMX

EhCache has several MBeans that will tell you all about the caches that are running. See here: <http://ehcache.org/documentation/operations/jmx>

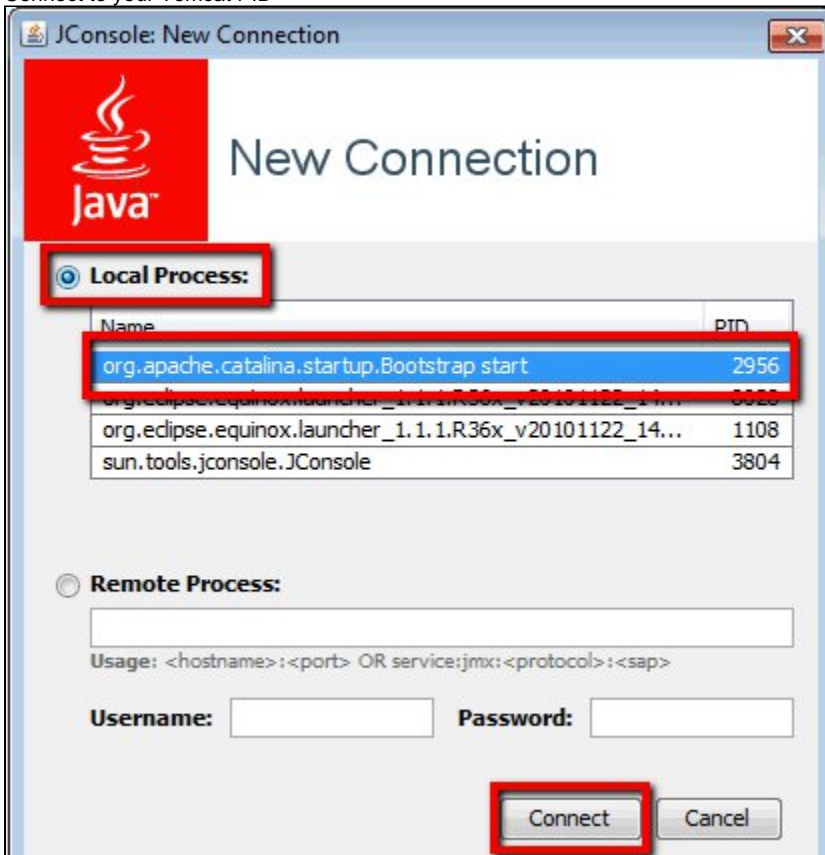
1. Make sure Tomcat is running with the JDK and not the JRE.
2. Go to Window->Preferences->Server->Runtime Environments



3. Select the JDK (or find it via "Installed JREs")



4. Click Finish
5. Start Tomcat in Eclipse in the normal way.
6. Go to <JDK Home>/bin
7. Launch jconsole.exe
8. Connect to your Tomcat PID



9. Go to the "MBeans" tab

10. Check out all of the cool stuff for your caches

Overview	Memory	Threads	Classes	VM Summary	MBeans																																														
<ul style="list-style-type: none"> [-] Catalina <ul style="list-style-type: none"> [-] JImplementation [-] Users [-] com.sun.management [-] java.lang [-] java.util.logging [-] net.sf.ehcache <ul style="list-style-type: none"> [-] Cache [-] CacheConfiguration [-] CacheManager [-] CacheStatistics <ul style="list-style-type: none"> [-] ShindigCM <ul style="list-style-type: none"> [-] FeatureJsCache <ul style="list-style-type: none"> [-] Attributes [-] Operations [-] cajoledDocuments [-] cajoledModules [-] expressions [-] gadgetSpecs [-] httpResponses [-] invalidatedUsers [-] messageBundles [-] parsedCss [-] parsedDocuments [-] parsedFragments 																																																			
Attribute values																																																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>AssociatedCacheName</td> <td>FeatureJsCache</td> </tr> <tr> <td>CacheHitPercentage</td> <td>0.2</td> </tr> <tr> <td>CacheHits</td> <td>2</td> </tr> <tr> <td>CacheMissPercentage</td> <td>0.8</td> </tr> <tr> <td>CacheMisses</td> <td>8</td> </tr> <tr> <td>DiskStoreObjectCount</td> <td>0</td> </tr> <tr> <td>InMemoryHitPercentage</td> <td>0.2</td> </tr> <tr> <td>InMemoryHits</td> <td>2</td> </tr> <tr> <td>InMemoryMisses</td> <td>8</td> </tr> <tr> <td>MemoryStoreObjectCount</td> <td>6</td> </tr> <tr> <td>ObjectCount</td> <td>6</td> </tr> <tr> <td>OffHeapHitPercentage</td> <td>0.0</td> </tr> <tr> <td>OffHeapHits</td> <td>0</td> </tr> <tr> <td>OffHeapMisses</td> <td>0</td> </tr> <tr> <td>OffHeapStoreObjectCount</td> <td>0</td> </tr> <tr> <td>OnDiskHitPercentage</td> <td>0.0</td> </tr> <tr> <td>OnDiskHits</td> <td>0</td> </tr> <tr> <td>OnDiskMisses</td> <td>0</td> </tr> <tr> <td>StatisticsAccuracy</td> <td>1</td> </tr> <tr> <td>StatisticsAccuracyDescription</td> <td>Best Effort</td> </tr> <tr> <td>WriterMaxQueueSize</td> <td>0</td> </tr> <tr> <td>WriterQueueLength</td> <td>-1</td> </tr> </tbody> </table>						Name	Value	AssociatedCacheName	FeatureJsCache	CacheHitPercentage	0.2	CacheHits	2	CacheMissPercentage	0.8	CacheMisses	8	DiskStoreObjectCount	0	InMemoryHitPercentage	0.2	InMemoryHits	2	InMemoryMisses	8	MemoryStoreObjectCount	6	ObjectCount	6	OffHeapHitPercentage	0.0	OffHeapHits	0	OffHeapMisses	0	OffHeapStoreObjectCount	0	OnDiskHitPercentage	0.0	OnDiskHits	0	OnDiskMisses	0	StatisticsAccuracy	1	StatisticsAccuracyDescription	Best Effort	WriterMaxQueueSize	0	WriterQueueLength	-1
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