

Lab: Data collection policy & Viewing instrumentation statistics

Data collection policy

To view a sample of data that might be collected from your specific installation:

1. Log in as a user with the Jira Administrators global permission.
2. Choose **Administration** > **System** > **Advanced** > **Analytics**.
3. Select the **Sample Data** link.

How is data collected from Data Center installations?

Analytics are collected using the Atlassian Analytics app. The app collects analytics events in a log file which is located in the Jira home directory under the analytics-logs sub directory. The logs are periodically uploaded using an encrypted session and then deleted. If the Jira installation is unable to connect to the Internet, no logs are ever uploaded.

Enabling/disabling data collection in Jira Data Center

You can switch off analytics collection at any time:

1. Log in as a user with the Jira Administrators global permission.
2. Choose **Administration** > **System** > **Advanced** > **Analytics**.
3. Select **Disabled**, and **Save** your change.

Viewing Jira application instrumentation statistics

Jira provides an **Instrumentation** page, which displays a variety of statistics on a wide range of internal properties within Jira that have been 'instrumented' (i.e. recorded) for presentation through Jira's administration area.

This page is mostly useful to help Atlassian Support provide assistance with your support queries, especially if they ask you to quote the statistics of one or more properties listed on this page.

Note: For all of the following procedures, you must be logged in as a user with the Jira Administrators global permission.

1. From the top navigation bar select **Administration** > **System**.
2. Select **System support** > **Instrumentation** to display the Instrumentation page.

Name	Type	Value	Invocation	Time (ms)	CPU (nanos)
cache.CachingFieldConfigContextPersister.evictionCount	Counter	0			
cache.CachingFieldConfigContextPersister.hitCount	Counter	1,314			
cache.CachingFieldConfigContextPersister.loadExceptionCount	Counter	0			
cache.CachingFieldConfigContextPersister.loadSuccessCount	Counter	6			
cache.CachingFieldConfigContextPersister.missCount	Counter	6			
cache.CachingFieldConfigContextPersister.size	Gauge	6			
cache.CachingFieldConfigContextPersister.totalLoadTime	Counter	5			
cache.DefaultFieldLayoutManager.evictionCount	Counter	0			
cache.DefaultFieldLayoutManager.hitCount	Counter	14,533			
cache.DefaultFieldLayoutManager.loadExceptionCount	Counter	0			
cache.DefaultFieldLayoutManager.loadSuccessCount	Counter	3			
cache.DefaultFieldLayoutManager.missCount	Counter	4			

cache.DefaultFieldLayoutManager.size	Gauge	1
cache.DefaultFieldLayoutManager.totalLoadTime	Counter	12
cache.DefaultIssueLinkManager.evictionCount	Counter	0
cache.DefaultIssueLinkManager.hitCount	Counter	1,935
cache.DefaultIssueLinkManager.loadExceptionCount	Counter	0
cache.DefaultIssueLinkManager.loadSuccessCount	Counter	602
cache.DefaultIssueLinkManager.missCount	Counter	602
cache.DefaultIssueLinkManager.size	Gauge	602
cache.DefaultIssueLinkManager.totalLoadTime	Counter	4,701
cache.DefaultPermissionSchemeManager.evictionCount	Counter	0
cache.DefaultPermissionSchemeManager.hitCount	Counter	17,824
cache.DefaultPermissionSchemeManager.loadExceptionCount	Counter	0
cache.DefaultPermissionSchemeManager.loadSuccessCount	Counter	2
cache.DefaultPermissionSchemeManager.missCount	Counter	2
cache.DefaultPermissionSchemeManager.size	Gauge	1
cache.DefaultPermissionSchemeManager.totalLoadTime	Counter	6
cache.DefaultUserPropertyManager.evictionCount	Counter	38
cache.DefaultUserPropertyManager.hitCount	Counter	713,077
cache.DefaultUserPropertyManager.loadExceptionCount	Counter	0
cache.DefaultUserPropertyManager.loadSuccessCount	Counter	43
cache.DefaultUserPropertyManager.missCount	Counter	43
cache.DefaultUserPropertyManager.size	Gauge	5
cache.DefaultUserPropertyManager.totalLoadTime	Counter	17
cache.JiraOsgiContainerManager.evictionCount	Counter	80
cache.JiraOsgiContainerManager.hitCount	Counter	34,914
cache.JiraOsgiContainerManager.loadExceptionCount	Counter	0
cache.JiraOsgiContainerManager.loadSuccessCount	Counter	86
cache.JiraOsgiContainerManager.missCount	Counter	86
cache.JiraOsgiContainerManager.size	Gauge	6
cache.JiraOsgiContainerManager.totalLoadTime	Counter	134
cache.VelocityTemplateCache.directives.evictionCount	Counter	0
cache.VelocityTemplateCache.directives.hitCount	Counter	419,353
cache.VelocityTemplateCache.directives.loadExceptionCount	Counter	0
cache.VelocityTemplateCache.directives.loadSuccessCount	Counter	76
cache.VelocityTemplateCache.directives.missCount	Counter	76
cache.VelocityTemplateCache.directives.size	Gauge	76
cache.VelocityTemplateCache.directives.totalLoadTime	Counter	0
cache.VelocityTemplateCache.evictionCount	Counter	0
cache.VelocityTemplateCache.hitCount	Counter	419,353
cache.VelocityTemplateCache.loadExceptionCount	Counter	0
cache.VelocityTemplateCache.loadSuccessCount	Counter	76
cache.VelocityTemplateCache.missCount	Counter	76

cache.VelocityTemplateCache.size	Gauge	76			
cache.VelocityTemplateCache.totalLoadTime	Counter	10			
concurrent.users	Gauge	1			
db.conns	Operation		112,352	1,058,122,695	0
db.conns.borrowed	Gauge	1			
db.reads	Operation		103,234	2,238	0
db.writes	Operation		4,669	406	0
dbcp.maxActive	Gauge	20			
dbcp.numActive	Gauge	1			
dbcp.numIdle	Gauge	19			
entity.customfields.total	Gauge	1			
entity.groups.total	Gauge				
entity.issues.total	Gauge	301			
entity.projects.total	Gauge	2			
entity.users.total	Gauge				
entity.workflows.total	Gauge	4			
http.session.objects	Gauge	10			
http.sessions	Gauge	2			
index.writes	Operation		9	13,829	0
issue.index.reads	Operation		96	653	0
jmx.class.loaded.current	Gauge	26,029			
jmx.class.loaded.total	Counter	27,594			
jmx.class.unloaded.total	Counter	1,565			
jmx.gc	Operation		194	25,087	0
jmx.memory.heap.committed	Gauge	659,767,296			
jmx.memory.heap.used	Gauge	564,776,504			
jmx.memory.nonheap.committed	Gauge	146,669,568			
jmx.memory.nonheap.used	Gauge	146,505,104			
jmx.system.up.time	Gauge	1,058,358,664			
jmx.thread.cpu.block.count	Counter	0			
jmx.thread.cpu.block.time	Counter	0			
jmx.thread.cpu.time	Counter	323,250,000,000			
jmx.thread.cpu.user.time	Counter	259,125,000,000			
jmx.thread.cpu.wait.count	Counter	0			
jmx.thread.cpu.wait.time	Counter	0			
jmx.thread.daemon.count	Gauge	32			
jmx.thread.ever.count	Gauge	4,445			
jmx.thread.nondaemon.count	Gauge	11			
jmx.thread.peak.count	Gauge	47			
jmx.thread.total.count	Gauge	43			
searcher.lucene.close	Counter	10			

searcher.lucene.open	Counter	13		
web.requests	Operation	4,328	623,512	0

JMX Support Information

- Thread Contention Monitoring - Supported - Not Enabled
- Thread CPU Time Monitoring - Supported - Not Enabled

Turn Thread Contention And CPU Monitoring On