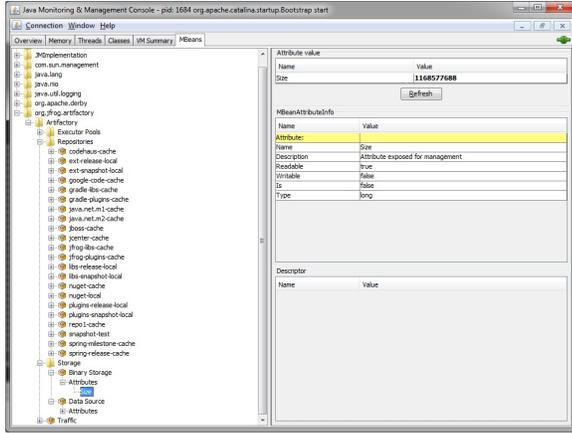


Artifactory JMX MBeans

Overview

Artifactory exposes MBeans under the *org.jfrog.artifactory* domain that let you monitor repositories, executor pools, storage and HTTP connection pools.



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Repositories

This section lists the available repositories under the current instance of Artifactory. Read-only attributes are as follows:

RepositoryKey	Name of the repository
ArtifactsCount	Number of artifacts in the repository
ArtifactsTotalSize	Total size of all of the artifacts in the repository

Executor Pools

This section lists the executor pools in use by Artifactory. Read-only attributes are as follows:

TaskCount	Total number of tasks that have ever been scheduled for execution
CompletedTaskCount	Total number of tasks that have been completed by the executors
CorePoolSize	Executor pool size
MaximumPoolSize	Maximum size of the executor pool
ActiveCount	Number of active executors
LargestPoolSize	The largest pool size that has been active at any one time

Storage

This section describes File System Binary Storage and Database Data Source read-only attributes.

There is only one File System Binary Storage read-only attribute:

Size	Total size of Artifactory storage in bytes
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Database Data Source read-only attributes are:

MaxActive	Maximum number of active connections to the database
Url	Database URL
Idle	Number of idle database connections
ActiveConnectionsCount	Number of active database connections
MaxIdle	Maximum number of idle database connections allowed
MaxWait	Timeout in ms when attempting to get a free connection
MinIdle	Minimum number of idle database connections to maintain

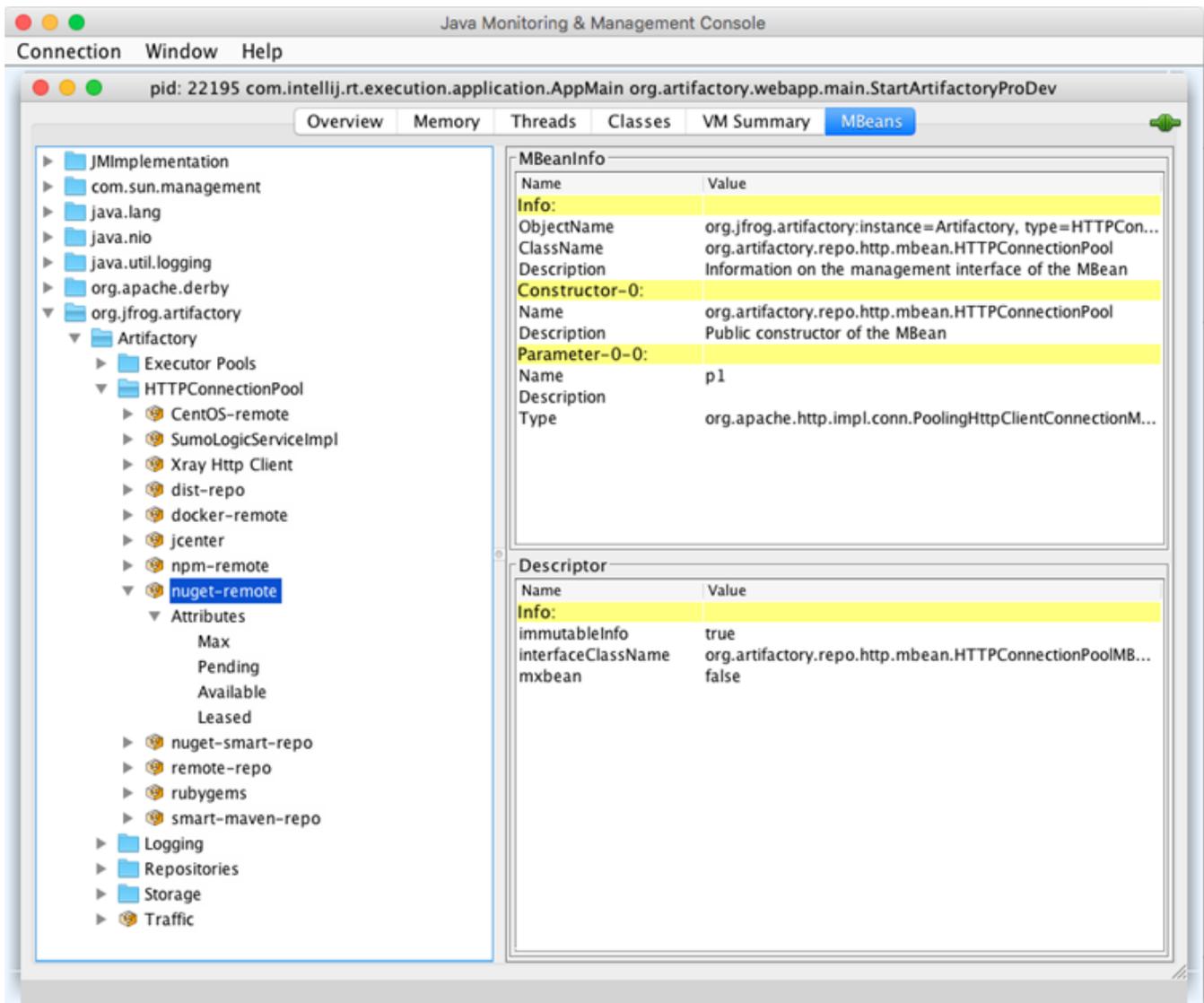
HTTP Connection Pools

Artifactory supports JMX MBeans for the following HTTP resources:

- Remote repositories
- Distribution Repositories
- Xray Client Connection
- Replication Queues
- Event propagation service for Artifactory HA cluster nodes

The following read-only attributes are available for each HTTP connection pool:

Available	Number of available connections
Leased	Number of currently active connections
Max	The maximum number of connections possible
Pending	The number of connections in process and pending completion



Logging

To support log analytics, Artifactory implements log appenders that send log information to Sumo Logic. The following log appenders can be monitored through JMX MBeans:

- Access
- Console
- Request
- Traffic

For each log appender, Artifactory displays the following read-only attributes:

QueueMaxSize	The maximum number of log entries the queue can hold
QueueCurrentSize	The current number of log entries in the queue
QueueDiscardingThreshold	Below this remaining capacity threshold, trace and debug log entries will be discarded
BatchMaxSize	The maximum number of log entries a batch can contain before it is processed
BatchCurrentSize	The size of the current batch pending to be sent to Sumologic
BatchQuietPeriod	The time window (in milliseconds) log entries are collected in a batch before it is being sent to Sumologic
CategoryHeader	The category header value which is sent to Sumologic for this appender

