

Administering Awesome Graphs

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Find data about indexing for troubleshooting

Awesome Graphs entries about indexing are recorded in the **awesome-graphs.log** file located in <Bitbucket home directory>/log.

Information about data indexed by Awesome Graphs is available in **Bitbucket Administration> Troubleshooting and support tools> System Information** and in a support zip. This information is helpful when troubleshooting an app related issue and includes the following statistics.

In Bitbucket UI and Support Zip

Awesome Graphs adds the following data in Bitbucket Administration> Troubleshooting and support tools> System Information and in a support zip:

- Total number of indexed contributors across all repositories
- Total number of indexed commits across all repositories
- Total number of repositories in indexing queue:
 - **Pending** – number of repositories pending indexing
 - **In Progress** – number of repositories that are being indexed at the moment
 - **Need to Reindex** – number of repositories that will be reindexed automatically due to problems during prior indexing
 - **Invalid** – number of repositories that failed to index because they are corrupted
 - **Failed** – number of repositories that failed to index because of problems while indexed
 - **Timeout** - number of failed tickets because of a timeout during indexing a repository

Each status in the indexing queue has two figures X/Y:

- X – number of tickets for **repository** indexing
- Y – number of tickets for **refchanges** indexing

Only in Support Zip

Awesome Graphs adds the following data about each repository in a support zip:

- number of indexed commits
- number of contributors
- whether a repository is a fork or not

Performance monitoring with the help of JMX

JMX ([Java Management eXtensions](#)) can be used to expose Awesome Graphs data from Bitbucket to monitor how indexing goes. Details about the statistics that you can capture are below.

Statistics about Awesome Graphs indexing queue (com.stiltssoft.bitbucket.graphs:name=Tickets)

Tickets mean tasks of indexing repositories and refs by our app.

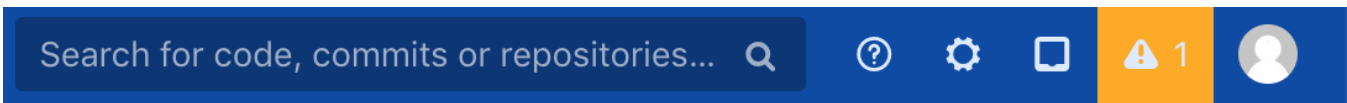
Name		Description
RepositoryTickets		Tickets for indexing of a whole repository in the indexing queue
	#invalid	Number of failed tickets because of corrupted Git repositories
	#failed	Number of failed tickets because of problems while indexing repositories
	#in_progress	Number of in progress tickets
	#pending	Number of pending tickets
	#reindexing	Number of reindexing tickets
	#timeout	Number of failed tickets because of a timeout during indexing a repository
RefChangeTickets		Tickets for indexing of changes happened after 'git push'
	#invalid	Number of failed tickets because of corrupted Git repositories
	#failed	Number of failed tickets because of problems while indexing repositories

#in_progress	Number of in progress tickets
#pending	Number of pending tickets
#reindexing	Number of reindexing tickets
#timeout	Number of failed tickets because of a timeout during indexing a repository
Total	Total number of tickets in the indexing queue
RepositoryTicketsTotal	Number of tickets for indexing of a whole repository in the indexing queue
RefChangeTicketsTotal	Number of tickets for indexing of changes happened after 'git push'

You can learn more about JMX and benefits of its usage from [Enabling JMX counters for performance monitoring](#).

Alerts to admins about repository indexing problems

If a repository could not be indexed, admins will get a notification via Bitbucket alerts. It helps to quickly detect and solve problems.



Alerts



Repository indexing failed for 1 repository Please [create a support zip](#) and provide this file to the [Awesome Graphs](#) support.
[Get help](#)

