

Solr Monitoring

How do I enable JMX in Solr

Add or uncomment the `<jmx/>` directive in `solrconfig.xml` and restart Solr. See <https://wiki.apache.org/solr/SolrJmx> for more info.

I am using SPM for Solr and I don't see any data on Solr and JVM reports, what is the problem

You should probably enable JMX in your Solr. Add or uncomment the `<jmx/>` directive in `solrconfig.xml` and restart Solr. See <https://wiki.apache.org/solr/SolrJmx> for more info.

I am using SPM for Solr and I don't see any data only in Solr Components or Errors reports, what should I do

Most likely you are using standalone variant of Solr monitor. In that case, SPM monitor can't collect metrics which are available only when running in-process. If so, switch to in-process (javaagent) version of SPM monitor.

Integration

- Instructions: <https://apps.sematext.com/ui/howto/Solr/overview>

Metrics

| Metric Name | Key | Agg | Type | Description |
|------------------|-------------------------------|-------|--------|-------------|
| req. count | solr.request.count | Sum | Long | |
| warmup time | solr.warmup.time | Max | Long | |
| error count | solr.error.count | Count | Metric | |
| autocommits | solr.indexing.commits.auto | Sum | Long | |
| commits | solr.indexing.commits | Sum | Long | |
| update errors | solr.indexing.errors | Sum | Long | |
| deletes by id | solr.indexing.deletes.id | Sum | Long | |
| added docs | solr.indexing.docs.added | Sum | Long | |
| optimizes | solr.indexing.optimizes | Sum | Long | |
| deletes by query | solr.indexing.deletes.query | Sum | Long | |
| rollbacks | solr.indexing.rollbacks | Sum | Long | |
| expunge deletes | solr.indexing.deletes.expunge | Sum | Long | |
| docs pending | solr.indexing.docs.pending | Avg | Long | |

| Metric Name | Key | Agg | Type | Description |
|---------------------|-------------------------------------|-----|------|-------------|
| soft commits | solr.indexing.commits.soft | Sum | Long | |
| autocommit max time | solr.indexing.commits.auto.time.max | Max | Long | |
| lookups | solr.cache.segment.lookups | Sum | Long | |
| evictions | solr.cache.segment.evicted | Sum | Long | |
| autowarm count or % | solr.cache.segment.autowarm.count | Max | Long | |
| size | solr.cache.segment.size | Max | Long | |
| max. size | solr.cache.segment.size.max | Max | Long | |
| hits | solr.cache.segment.hits | Sum | Long | |
| max doc | solr.index.docs.max | Max | Long | |
| num docs | solr.index.docs | Max | Long | |
| num of files | solr.index.files | Max | Long | |
| size on the disk | solr.index.files.size | Max | Long | |
| segments | solr.index.segments | Max | Long | |