### sentry-loggers

Loads the logger list of a sentry.

#### Syntax

sentry-loggers [timeout=INT]

Parameter

**timeout=INT**

RPC timeout in seconds (default: 30 seconds)

#### Description

This query command sends asynchronous RPC request messages to 100 sentries at the same time and waits for responses.The RPC request message queue operates on a first-in, first-out (FIFO) basis. For example, if the Logpresso server needs to send RPC messages to 150 sentries, the server sends an RPC message to 100 sentries first and waits until RPC responses. If the waiting time exceeds the time specified in the timeout (default: 30 seconds), it is considered that an error has occurred on the sentry side. If 32 out of 100 sentries respond or timeout is exceeded, the Logpresso server sends an RPC message to the additional 32 sentries.

The query command outputs the results of RPC response messages in the order they are received. Depending on the load or network conditions of the host where Sentry is installed, the order of the responses may vary with each execution. Use the output data but do not rely on the order of the records.

Logpresso environment variable `logpresso.core.sentry\_rpc\_parallel` determines the length of the asynchronous RPC request message queue. The default value is `100` and you can adjust the length by modifying the value of this environment variable.

Input Field

This query command requires that the input record contains a guid field value.

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| guid | String | Unique sentry identifier (Not relevant to GUID in JAVA) |

Output Fields

This query command returns the fields below in addition to the fields from input record.

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| name | String | Logger identifier |
| description | String | Logger Description |
| factory\_name | String | Logger type identifier (e.g. syslog, wtmp) |
| status | String | Logger status (e.g. running, stopped) |
| interval | 32-bit Integer | Logging cycle (Unit: millisecond) |
| cron\_schedule | String | Log collection schedule in cron format |
| transformer | String | Transformer identifier |
| stop\_reason | String | Logger stop reason |
| log\_count | 64-bit Integer | Collected log count (Total count of collected logs) |
| drop\_count | 64-bit Integer | Dropped log count |
| log\_volume | 64-bit Integer | Collected log volume (Total volume of collected logs. Unit: byte) |
| drop\_volume | 64-bit Integer | Dropped log volume (Unit: byte) |
| last\_start\_at | Date | Last activated time |
| last\_run\_at | Date | Last executed time |
| last\_log\_at | Date | \_time field value of the last collected log |
| last\_write\_at | Date | Last log output time (Use case: tracking system idle time) |
| start\_time | String | Logging start time (Format: HH:mm) |
| end\_time | String | Logging end time (Format: HH:mm) |
| failure | String | Logger failure reason |

Possible failure reason in failure field is as follows:

|  |  |
| --- | --- |
| Failure reason | Description |
| USER\_REQUEST | Inactivated upon the user request. |
| SYSTEM\_REQUEST | Stopped due system request such as failover |
| LOW\_DISK | Stopped due to the lack of disk space. |
| TRANSFORMER\_DEPENDENCY | Transformer dependency is not resolved. |
| FACTORY\_DEPENDENCY | Factory dependency is not resolved. Bundle is not running. |
| STOP\_EXCEPTION | The table to store data is not found or the storage is in the read-only mode. |
| LOGGER\_EXCEPTION | Unexpected error during logging. |
| LOGGER\_DEPENDENCY | Logger dependency is not resolved. |

If any error occurs, this query command returns an \_error field in addition to the fields from input record. Possible errors are as follows:

|  |  |
| --- | --- |
| Error Message | Description |
| guid is null | guid field value from input record is null. |
| guid should be string | guid field value from input record is not a string. |
| guid should be non empty string | guid field value from input record is empty. |
| timeout | RPC request timeout exceeded. |
| disconnected | Disconnected while processing RPC request. |
| not connected | Sentry is not connected. |

Depending on the system where the sentry is installed, an RPC exception message other than the above can be issued.

#### Usage

Load logger lists of all sentries.

sentry | fields guid | sentry-loggers