

STREAM

Concept

Since Machbase 5, STREAM is a newly supported real-time data processing function based on Continuous Query Language (CQL). In other words, it is possible to extract the data satisfying a condition of incremental data inputted to the log table and to load it in real-time into another table.

If a conditional search is performed on all the data without using the stream function, the retrieval of the accumulated data is not only slow but also may be a heavy burden imposed on the system.

Stream can be used to retrieve conditions for specific log data entered in real time and respond quickly to events.

Restrictions

- Currently, Machbase (version 5.5) supports STREAM only in Edge Edition and Fog Edition.
 - The Cluster Edition will be support STREAM in a future versions.
- The data input source is only available with the log table.
 - The ability to use the tag table as a source will be supported in future versions.
- The data output destination is available for log and tag tables.