

Legend / Explanations

- Fields in hashes starting with @ in this document are optional fields which may be null. The fields don't really start with an @, it's just to clarify.
- <xyz> in key names should be replaced with the corresponding value (e.g. "users:<username>" becomes "users:BtoBastian").
- <xyz[L]> in key names, means that <xyz> is in lower case.
- Indexes are in the format "identifier.index.returnedvalue.parameter:<parameter>", whereas indexes with multiple parameters are in the format "identifier.index.returnedvalue.parameter1+parameter2:<parameter1>.<parameter2>"

Accounts

Key name	Description
users.usernames	A list with all usernames
users:<username[L]>	A hash with the following fields: "name", "password", @ "admin" (true if set)
users.index.plugins.username:<username[L]>	A set with all plugins (ids) of the user.

Charts data

Chart type	Key name	Description
Linechart	data:<chartUid>.<line>	A hash. The field name is the timestamp. Not set data is interpreted as 0, 'ignored' marks ignored data points.
SimplePie, AdvancedPie, SimpleMap, AdvancedMap	data:<chartUid>.<tms2000>	A sorted set. The score is the amount and the member the slice name. Expires after 61 minutes.
...

Structure

Key name	Description
plugins.ids	A set with all plugin ids
plugins:<pluginId>	A hash with the following fields: "name", "software", "charts" (as json array with the uids), "owner", @ "global" (true if set)
plugins.index.id.url+name:<softwareUrl[L]>.<pluginName[L]>	A string which stores the plugin id. Used to get the id of a plugin by software url and name.
plugins.id-increment	A string (in form of an integer). Increments every time a new plugin is added.
software.ids	A set with all software ids
software:<softwareId>	A hash with the following fields: "name", "url", @ "globalPlugin", @ "metricsClass", @ "classCreation", "maxRequestsPerIp", "defaultCharts"
software.index.id.url:<url>	A string which stores the software id. Used to get the id of the software by its url.
software.id-increment	A string (in form of an integer). Increments every time a new software is added.
charts.uids	A set with all chart uids
charts:<chartUid>	A hash with the following fields: "id" (not the uid!), "type", "position", "title", "default" (true if set), "data" (as json object)

charts.index.uid.pluginId+chartId: <pluginId>.<chartId>	A string which stores the chart uid. Used to get the uid of a chart by plugin id and chart id.
charts.uid-increment	A string (in form of an integer). Increments every time a new chart is added.