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 set 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.

Ratelimits

Type	Key name	Description
Ip and UUID ratelimits	ratelimit:<identifier>.<softwareUrl>.<tms2000>	A string. The value is the amount of requests which gets incremented for every request. The "identifier" is the ip address or the uuid. Expires after 31 minutes.

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.
DrilldownPie "outer data"	data:<chartUid>.<tms2000>	A sorted set. The score is the amount and the member the sclice name. Expires after 61 minutes.
DrilldownPie "inner data"	data:<chartUid>.<tms2000>.<upperName>	A sorted set. The score is the amount and the member the inner 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", @"hideInPluginList" (true if set)
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.

Signature images

Key name	Description
signature:<tms2000>.<uid>	A string. The value is a json string, describing details about the signature image, like type, chart uid, etc.