

Flowmon SNMP - Supported Objects

This document contains a list of supported objects and their identifiers for monitoring Flowmon system resources with The Simple Network Management Protocol.

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System

MIB	Name	OID	Description	Link
SNMPv2-MIB	sysDescr	1.3.6.1.2.1.1.1	A textual description of the entity. This value should include the full name and version identification of the system's hardware type, software operating-system, and networking software.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.1
SNMPv2-MIB	sysObjectID	1.3.6.1.2.1.1.2	The vendor's authoritative identification of the network management subsystem contained in the entity. This value is allocated within the SMI enterprises subtree (1.3.6.1.4.1) and provides an easy and unambiguous means for determining 'what kind of box' is being managed. For example, if vendor 'Flintstones, Inc.' was assigned the subtree 1.3.6.1.4.1.424242, it could assign the identifier 1.3.6.1.4.1.424242.1.1 to its 'Fred Router'.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.2
SNMPv2-MIB	sysUpTime	1.3.6.1.2.1.1.3	The time (in hundredths of a second) since the network management portion of the system was last re-initialized.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.3
HOST-RESOURCES-MIB	hrSystemUptime	1.3.6.1.2.1.25.1.1	The amount of time since this host was last initialized. Note that this is different from sysUpTime in the SNMPv2-MIB [RFC1907] because sysUpTime is the uptime of the network management portion of the system.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.1.1
SNMPv2-MIB	sysContact	1.3.6.1.2.1.1.4	The textual identification of the contact person for this managed node, together with information on how to contact this person. If no contact information is known, the value is the zero-length string.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.4
SNMPv2-MIB	sysName	1.3.6.1.2.1.1.5	An administratively-assigned name for this managed node. By convention, this is the node's fully-qualified domain name. If the name is unknown, the value is the zero-length string.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.5

SNMPv2-MIB	sysLocation	1.3.6.1.2.1.1.6	The physical location of this node (e.g., 'telephone closet, 3rd floor'). If the location is unknown, the value is the zero-length string.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1.6
SNMPv2-MIB	system	1.3.6.1.2.1.1	Overall system information when used with snmpwalk	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.1
HOST-RESOURCES-MIB	hrSystemNumUsers	1.3.6.1.2.1.25.1.5	The number of user sessions for which this host is storing state information. A session is a collection of processes requiring a single act of user authentication and possibly subject to collective job control.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.1.5
HOST-RESOURCES-MIB	hrSystemProcesses	1.3.6.1.2.1.25.1.6	The number of process contexts currently loaded or running on this system.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.1.6

Disks

MIB	Name	OID	Description	Link
HOST-RESOURCES-MIB	hrDiskStorageCapacity	1.3.6.1.2.1.25.3.6.1.4	The total size for this long-term storage device. If the media is removable and is currently removed, this value should be zero.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.6.1.4
HOST-RESOURCES-MIB	hrMemorySize	1.3.6.1.2.1.25.2.2	The amount of physical read-write main memory, typically RAM, contained by the host.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.2
HOST-RESOURCES-MIB	hrStorageIndex	1.3.6.1.2.1.25.2.3.1.1	A unique value for each logical storage area contained by the host.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.1

HOST-RESOURCES-MIB	hrStorageType	1.3.6.1.2.1.25.2.3.1.2	The type of storage represented by this entry.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.2
HOST-RESOURCES-MIB	hrStorageDescr	1.3.6.1.2.1.25.2.3.1.3	A description of the type and instance of the storage described by this entry.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.3
HOST-RESOURCES-MIB	hrStorageAllocationUnits	1.3.6.1.2.1.25.2.3.1.4	The size, in bytes, of the data objects allocated from this pool. If this entry is monitoring sectors, blocks, buffers, or packets, for example, this number will commonly be greater than one. Otherwise, this number will typically be one.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.4
HOST-RESOURCES-MIB	hrStorageSize	1.3.6.1.2.1.25.2.3.1.5	The size of the storage represented by this entry, in units of hrStorageAllocationUnits. This object is writable to allow remote configuration of the size of the storage area in those cases where such an operation makes sense and is possible on the underlying system. For example, the amount of main memory allocated to a buffer pool might be modified or the amount of disk space allocated to virtual memory might be modified.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.5
HOST-RESOURCES-MIB	hrStorageUsed	1.3.6.1.2.1.25.2.3.1.6	The amount of the storage represented by this entry that is allocated, in units of hrStorageAllocationUnits.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.2.3.1.6

Device

MIB	Name	OID	Description	Link
HOST-RESOURCES-MIB	hrDeviceIndex	1.3.6.1.2.1.25.3.2.1.1	A unique value for each device contained by the host. The value for each device must remain constant at least from one re-initialization of the agent to the next re-initialization.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.1
HOST-RESOURCES-MIB	hrDeviceType	1.3.6.1.2.1.25.3.2.1.2	An indication of the type of device. If this value is `hrDeviceProcessor { hrDeviceTypes 3 }` then an entry exists in the hrProcessorTable which corresponds to this device. If this value is `hrDeviceNetwork { hrDeviceTypes 4 }`, then an entry exists in the hrNetworkTable which corresponds to this device. If this value is `hrDevicePrinter { hrDeviceTypes 5 }`, then an entry exists in the hrPrinterTable which corresponds to this device. If this value is `hrDeviceDiskStorage { hrDeviceTypes 6 }`, then an entry exists in the hrDiskStorageTable which corresponds to this device.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.2
HOST-RESOURCES-MIB	hrDeviceDescr	1.3.6.1.2.1.25.3.2.1.3	A textual description of this device, including the device's manufacturer and revision, and optionally, its serial number.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.3
HOST-RESOURCES-MIB	hrDeviceID	1.3.6.1.2.1.25.3.2.1.4	The product ID for this device.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.4

HOST-RESOURCES-MIB	hrDeviceStatus	1.3.6.1.2.1.25.3.2.1.5	The current operational state of the device described by this row of the table. A value unknown(1) indicates that the current state of the device is unknown. running(2) indicates that the device is up and running and that no unusual error conditions are known. The warning(3) state indicates that agent has been informed of an unusual error condition by the operational software (e.g., a disk device driver) but that the device is still 'operational'. An example would be a high number of soft errors on a disk. A value of testing(4), indicates that the device is not available for use because it is in the testing state. The state of down(5) is used only when the agent has been informed that the device is not available for any use.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.5
HOST-RESOURCES-MIB	hrDeviceErrors	1.3.6.1.2.1.25.3.2.1.6	The number of errors detected on this device. It should be noted that as this object has a SYNTAX of Counter32, that it does not have a defined initial value. However, it is recommended that this object is initialized to zero, even though management stations must not depend on such an initialization.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.2.1.6
HOST-RESOURCES-MIB	hrProcessorFrwID	1.3.6.1.2.1.25.3.3.1.1	The product ID of the firmware associated with the processor.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.3.1.1
HOST-RESOURCES-MIB	hrProcessorLoad	1.3.6.1.2.1.25.3.3.1.2	The average, over the last minute, of the percentage of time that this processor was not idle. Implementations may approximate this one minute smoothing period if necessary.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.3.3.1.2

Software

MIB	Name	OID	Description	Link
HOST-RESOURCES-MIB	hrSWRunIndex	1.3.6.1.2.1.25.4.2.1.1	A unique value for each piece of software running on the host. Wherever possible, this should be the system's native, unique identification number.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.1
HOST-RESOURCES-MIB	hrSWRunName	1.3.6.1.2.1.25.4.2.1.2	A textual description of this running piece of software, including the manufacturer, revision, and the name by which it is commonly known. If this software was installed locally, this should be the same string as used in the corresponding hrSWInstalledName.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.2
HOST-RESOURCES-MIB	hrSWRunID	1.3.6.1.2.1.25.4.2.1.3	The product ID of this running piece of software.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.3
HOST-RESOURCES-MIB	hrSWRunPath	1.3.6.1.2.1.25.4.2.1.4	A description of the location on long-term storage (e.g. a disk drive) from which this software was loaded.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.4
HOST-RESOURCES-MIB	hrSWRunParameters	1.3.6.1.2.1.25.4.2.1.5	A description of the parameters supplied to this software when it was initially loaded.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.5
HOST-RESOURCES-MIB	hrSWRunType	1.3.6.1.2.1.25.4.2.1.6	The type of this software.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.6

HOST-RESOURCES-MIB	hrSWRunStatus	1.3.6.1.2.1.25.4.2.1.7	The status of this running piece of software. Setting this value to invalid(4) shall cause this software to stop running and to be unloaded. Sets to other values are not valid.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.4.2.1.7
HOST-RESOURCES-MIB	hrSWRunPerfCPU	1.3.6.1.2.1.25.5.1.1.1	The number of centi-seconds of the total system's CPU resources consumed by this process. Note that on a multi-processor system, this value may increment by more than one centi-second in one centi-second of real (wall clock) time.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.5.1.1.1
HOST-RESOURCES-MIB	hrSWRunPerfMem	1.3.6.1.2.1.25.5.1.1.2	The total amount of real system memory allocated to this process.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.5.1.1.2
HOST-RESOURCES-MIB	hrSWInstalledIndex	1.3.6.1.2.1.25.6.3.1.1	A unique value for each piece of software installed on the host. This value shall be in the range from 1 to the number of pieces of software installed on the host.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.6.3.1.1
HOST-RESOURCES-MIB	hrSWInstalledName	1.3.6.1.2.1.25.6.3.1.2	A textual description of this installed piece of software, including the manufacturer, revision, the name by which it is commonly known, and optionally, its serial number.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.6.3.1.2
HOST-RESOURCES-MIB	hrSWInstalledID	1.3.6.1.2.1.25.6.3.1.3	The product ID of this installed piece of software.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.6.3.1.3
HOST-RESOURCES-MIB	hrSWInstalledType	1.3.6.1.2.1.25.6.3.1.4	The type of this software.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.6.3.1.4

HOST-RESOURCES-MIB	hrSWInstalledDate	1.3.6.1.2.1.25.6.3.1.5	The last-modification date of this application as it would appear in a directory listing. If this information is not known, then this variable shall have the value corresponding to January 1, year 0000, 00:00:00.0, which is encoded as (hex) '00 00 01 01 00 00 00 00'.	http://cric.grenoble.cnrs.fr/Administrateurs/Outils/MIBS/?oid=1.3.6.1.2.1.25.6.3.1.5
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