

System Item

sys(subject)

Return a system status value.

Description

```
sys( subject )
```

This function returns the current value of a system item.

Parameters

subject	Subject to request (see below)
Subject	Description
SYSITEM_GPSX	Current GPS longitude in degrees x 10 ⁶
SYSITEM_GPSY	Current GPS latitude in degrees x 10 ⁶
SYSITEM_GPSZ	Current GPS elevation in meter x 10
SYSITEM_GPSSIGNAL	Current GPS reception signal
SYSITEM_GPSLOCK	0 if GPS is not locked. 1 if locked.
SYSITEM_UPTIME	Number of seconds since last reset
SYSITEM_CELLINHIBIT	0 if normal operation. >0 if cell modem is turned off
SYSITEM_RSSI	Cell modem RSSI (received signal), 1 (bad) to 31 (good)
SYSITEM_ETHLINK	0 if no hardware link detected. 1 if ok
SYSITEM_ETHCONN	0 if not connected via Ethernet. 1 if connected
SYSITEM_CELLCONN	0 if not connected to cell network. 1 if connected
SYSITEM_YEAR	Current year (eg 2020)
SYSITEM_MONTH	Current month (1-12)
SYSITEM_DAY	Current day of the month (1-31)
SYSITEM_WDAY	Current weekday (0=Sunday, 6=Saturday)
SYSITEM_YDAY	Current day of the year
SYSITEM_HOUR	Current hour (0-23)
SYSITEM_MINUTE	Current minute (0-59)
SYSITEM_SECOND	Current second (0-59)
SYSITEM_EPOCH	Epoch time stamp (seconds since 1970-01-01 00:00:00 UTC)
SYSITEM_RND	Random number 0-2 ³²

Returns the current status value of the subject requested.

Example usage

```
sys(SYSITEM_MONTH)
```

Returns the current month number.

```
sys(SYSITEM_RND) % 47
```

Returns random value between 0 and 46

From:

<https://doc.eze.io/> - **ezeio documentation**

Permanent link:

<https://doc.eze.io/ezeio2/expref/sys>

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