

BotzWare Macros

This appendix defines the macros supported by BotzWare.

Note: Macros are case-sensitive and must be entered exactly as shown.

Alert Macros

Alert macros access attributes particular to the alert being processed at the time the macros are resolved. The following macros are supported for attributes that support Alert macros:

| Macro | Definition | Example |
|-----------------------------|--|----------------------|
| <code>\${SENSORLUID}</code> | The locally unique ID of the sensor generating the alert. | TEMP1 |
| <code>\${SENSORGUID}</code> | The globally unique ID of the sensor generating the alert. | B000113_TEMP1 |
| <code>\${ALERTTYPE}</code> | The type of alert. | HIGHERR |
| <code>\${SENSORTYPE}</code> | The type of sensor generating the alert. | TEMP |
| <code>\${EVENTID}</code> | The unique 16 character identifier shared by all messages generated as a result of a single alert notification event. For example, if an appliance generates an alert notification when the internal temperature sensor threshold is exceeded, and generates a return to normal message when the temperature drops below the high threshold, both of these messages will have the same Event ID number. If the temperature rises again and a second threshold exceeded alert is generated, the second alert has a new Event ID. | 3E4512C0FE03440F |
| <code>\${SENSORVAL}</code> | The value reported by the sensor that is generating the alert. | 60 |
| <code>\${ALERTTIME}</code> | The date and time the alert notification was generated. | Apr 2, 2002 13:01:45 |
| <code>\${ALERTSEV}</code> | The severity value reported by the sensor that is generating the alert (such as ERR, WARN, INFO). If the alert state returned to normal, the severity value will be followed by -RTN (for example WARN-RTN). | ERR, WARN-RTN |

| Macro | Definition | Example |
|-------------------------|---|---|
| `\${ALERTPOD}` | The label of value of the pod that either contains the sensor that reported the alert or to which the sensor is connected. | My Pod |
| `\${ALERTPODSERIAL}` | The serial number of the pod that either contains the sensor that reported the alert or to which the sensor is connected. | NB007100730114 |
| `\${ALERTPORT}` | The label value for the external sensor port to which the external sensor that reported the alert is connected. | Ext1 |
| `\${SENSORNAME}` | The name of the sensor associated with the alert. | Bldg. 3 Door |
| `\${ALERT_PROFILE}` | The name of the alert profile used to generate the alert. | Default, Profile #1 |
| `\${ALERT_LEVEL}` | The name of the specific alert sequence that caused the alert to be generated. Corresponds with the Label value of the alert sequence. | First Alert Level, Second Alert Level |
| `\${CURRENT_ALERT_NUM}` | The number of times the alert sequence repeated, from 0 up to the Repeats value for the alert sequence. | 0, 1, 2 |
| `\${ISACTIVE?yes?no}` | Specifies custom active vs. return to normal text. The strings yes and no can be replaced with user-specified strings. For example, if you specify active and cleared for the yes and no values and the macro is translated, if the alert is still active the word active appears. When it returns to normal, the word cleared appears. | active and cleared |
| `\${USERURL}` | The user-specified URL defined within the threshold configuration. | http://www.mysite.com |
| `\${USERDESC}` | The user-specified description value defined within the threshold configuration | Too high |
| `\${RESOLVEUSERID}` | The user ID that is responsible for manually resolving an alert (when this option applies). | joeuser |
| `\${RESOLVECOMMENT}` | The text entered into the User-resolution comment field whenever an alert needs to be | Turned on the A/C; Fixed the leak |

| Macro | Definition | Example |
|--------------------|---|----------|
| | manually returned to normal (an option which can be selected whenever a threshold is configured). | |
| `\${START_TIME}` | The time the alert condition was initially detected. | 13:01:45 |
| `\${RESOLVE_TIME}` | The time the alert condition returned to normal. | 13:01:45 |

Appliance Macros

The following macros are supported for attributes that support Appliance macros:

| Macro | Definition | Example |
|-----------------|--|---------------------|
| `\${SERIAL}` | The serial number of the appliance. | 5A0806V0014 |
| `\${IP}` | The dotted-decimal IP address of the appliance. | 192.168.2.23 |
| `\${HOSTNAME}` | The hostname of the appliance. | testbot.netbotz.com |
| `\${MODEL}` | The model of the appliance. | NetBotz 450 |
| `\${TIMESTAMP}` | The current UTC time (seconds since 1/1/1970). | 998885130 |
| `\${DATE}` | The current date (year-month-day). | 2001-08-27 |
| `\${YEAR}` | The current year. | 2001 |
| `\${MONTH}` | The current month (2 digit number, January=01). | 08 |
| `\${DAY}` | The current day of the month (2 digit number). | 27 |
| `\${TIME}` | The current time (24-hour, hour-minute-second). | 23-30-01 |
| `\${HOUR}` | The current hour of the day (2 digit, 24 hour time). | 23 |
| `\${MIN}` | The current minute of the hour. | 30 |
| `\${SEC}` | The current second of the minute. | 01 |
| `\${VER}` | The current BotzWare version. | A1_2_3_7-20010822P |

Location Macros

The following macros are supported for attributes that support Location macros:

| Macro | Definition | Example |
|----------------------------|--|----------------------|
| <code>\${LOCATION}</code> | The location attribute of the appliance. | Test Lab |
| <code>\${ENCLOSURE}</code> | The current enclosure ID (specified in the Location settings) for the appliance. | RACK1234 |
| <code>\${SLOT}</code> | The slot in the enclosure (specified in the Location settings) for the appliance. | A23 |
| <code>\${ENCRELLOC}</code> | The relative location within the enclosure (specified in the Location settings) for the appliance. | ATUPS |
| <code>\${ROOM}</code> | The room (specified in the Location settings) for the appliance. | C-100 |
| <code>\${ROOMROW}</code> | The row within the room (specified in the Location settings) for the appliance. | AA |
| <code>\${ROOMCOL}</code> | The column within the room (specified in the Location settings) for the appliance. | 25 |
| <code>\${HEIGHT}</code> | The height above the floor (specified in the Location settings) for the appliance. | 60 |
| <code>\${BLDG}</code> | The building (specified in the Location settings) for the appliance. | 205 |
| <code>\${FLOOR}</code> | The floor number (specified in the Location settings) for the appliance. | 3 |
| <code>\${COMPANY}</code> | The company name (specified in the Location settings) for the appliance. | NetBotz |
| <code>\${ADDRESS1}</code> | The first address line (specified in the Location settings) for the appliance. | 11044 Research Blvd. |
| <code>\${ADDRESS2}</code> | The second address line (specified in the Location settings) for the appliance. | Bldg. C, Suite 100 |
| <code>\${CITY}</code> | The city (specified in the Location settings) for the appliance. | Austin |
| <code>\${STATE}</code> | The state/province/territory (specified in the Location settings) for the appliance. | TX |
| <code>\${COUNTRY}</code> | The country (specified in the Location settings) for the appliance. | USA |

| Macro | Definition | Example |
|---------------------------|---|------------------------|
| <code>#{CONTACT}</code> | The primary contact (specified in the Location settings) for the appliance. | USA |
| <code>#{SITE}</code> | The Site Name (specified in the Location settings) for the appliance. | USA |
| <code>#{NOTES}</code> | The Notes value (specified in the Location settings) for the appliance. | IT Closet, Server Room |
| <code>#{LATITUDE}</code> | The Latitude value (specified in the Location settings) for the appliance. | 30° 18' N |
| <code>#{LONGITUDE}</code> | The Longitude value (specified in the Location settings) for the appliance. | 97° 42' W |
| <code>#{GPSLOC}</code> | Reports the current longitude and latitude data at alert time (units to which a GPS pod is connected only). | 30° 18' N / 97° 42' W |