

4 Using macros in messages

Overview

In message subjects and message text you can use macros for more efficient problem reporting.

A [full list of macros](#) supported by Zabbix is available.

Examples

Examples here illustrate how you can use macros in messages.

Example 1

Message subject:

```
{TRIGGER.NAME}: {TRIGGER.STATUS}
```

When you receive the message, the message subject will be replaced by something like:

```
Processor load is too high on server zabbix.zabbix.com: PROBLEM
```

Example 2

Message:

```
Processor load is: {zabbix.zabbix.com:system.cpu.load[,avg1].last(0)}
```

When you receive the message, the message will be replaced by something like:

```
Processor load is: 1.45
```

Example 3

Message:

```
Latest value: {{HOST.HOST}}:{{ITEM.KEY}}.last(0)}  
MAX for 15 minutes: {{HOST.HOST}}:{{ITEM.KEY}}.max(900)}  
MIN for 15 minutes: {{HOST.HOST}}:{{ITEM.KEY}}.min(900)}
```

When you receive the message, the message will be replaced by something like:

```
Latest value: 1.45
```

```
MAX for 15 minutes: 2.33
MIN for 15 minutes: 1.01
```

Example 4

Informing about values from several hosts in a trigger expression.

Message:

```
Trigger: {TRIGGER.NAME}
Trigger expression: {TRIGGER.EXPRESSION}

1. Item value on {HOST.NAME1}: {ITEM.VALUE1} ({ITEM.NAME1})
2. Item value on {HOST.NAME2}: {ITEM.VALUE2} ({ITEM.NAME2})
```

When you receive the message, the message will be replaced by something like:

```
Trigger: Processor load is too high on a local host
Trigger expression: {Myhost:system.cpu.load[percpu,avg1].last(0)}>5 |
{Myotherhost:system.cpu.load[percpu,avg1].last(0)}>5

1. Item value on Myhost: 0.83 (Processor load (1 min average per core))
2. Item value on Myotherhost: 5.125 (Processor load (1 min average per
core))
```

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