

## > Trigger object

The following objects are directly related to the `trigger` API.

### Trigger

The trigger object has the following properties.

Property	Type	Description
<code>triggerid</code>	string	<i>(readonly)</i> ID of the trigger.
<b>description</b> (required)	string	Name of the trigger.
<b>expression</b> (required)	string	Reduced trigger expression.
<code>opdata</code>	string	Operational data.
<code>comments</code>	string	Additional description of the trigger.
<code>error</code>	string	<i>(readonly)</i> Error text if there have been any problems when updating the state of the trigger.
<code>flags</code>	integer	<i>(readonly)</i> Origin of the trigger.  Possible values are: 0 - <i>(default)</i> a plain trigger; 4 - a discovered trigger.
<code>lastchange</code>	timestamp	<i>(readonly)</i> Time when the trigger last changed its state.
<code>priority</code>	integer	Severity of the trigger.  Possible values are: 0 - <i>(default)</i> not classified; 1 - information; 2 - warning; 3 - average; 4 - high; 5 - disaster.
<code>state</code>	integer	<i>(readonly)</i> State of the trigger.  Possible values: 0 - <i>(default)</i> trigger state is up to date; 1 - current trigger state is unknown.
<code>status</code>	integer	Whether the trigger is enabled or disabled.  Possible values are: 0 - <i>(default)</i> enabled; 1 - disabled.
<code>templateid</code>	string	<i>(readonly)</i> ID of the parent template trigger.
<code>type</code>	integer	Whether the trigger can generate multiple problem events.  Possible values are: 0 - <i>(default)</i> do not generate multiple events; 1 - generate multiple events.
<code>url</code>	string	URL associated with the trigger.

Property	Type	Description
value	integer	<i>(readonly)</i> Whether the trigger is in OK or problem state. Possible values are: 0 - <i>(default)</i> OK; 1 - problem.
recovery_mode	integer	OK event generation mode. Possible values are: 0 - <i>(default)</i> Expression; 1 - Recovery expression; 2 - None.
recovery_expression	string	Reduced trigger recovery expression.
correlation_mode	integer	OK event closes. Possible values are: 0 - <i>(default)</i> All problems; 1 - All problems if tag values match.
correlation_tag	string	Tag for matching.
manual_close	integer	Allow manual close. Possible values are: 0 - <i>(default)</i> No; 1 - Yes.

## Trigger tag

The trigger tag object has the following properties.

Property	Type	Description
<b>tag</b> (required)	string	Trigger tag name.
value	string	Trigger tag value.

From:

<https://www.zabbix.com/documentation/5.0/> - **Zabbix Documentation 5.0**

Permanent link:

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Last update: **2019/10/07 06:35**

