Zabbix in Telegram

empowering the alerts

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Alerts

Standard – everyone use it:
- Emails
- SMS

Custom / third-party – according to needs:
Tasks trackers, Jabber, Skype, Slack, HipChat, WhatsApp, ...

Telegram!
Why Telegram?

• Bot API, which is quite simple – don’t need to learn everything

• Powerful enough to cover simple cases

• Everything is supported officially, no need to install “hack” tools
Telegram Bot API – is simple

```bash
#!/bin/bash

TO=$1
TEXT="$2 $3"

TOKEN="219830239:AAHz1TCAX6CT9G8yu8j8Y25Ukx9AHq9KiItc"

curl -s "https://api.telegram.org/bot$TOKEN/sendMessage?chat_id=$TO&text=$TEXT"
```
“Zabbix in Telegram” / ZbxTg

If it’s so simple – why do I need some “tool”?
“Zabbix in Telegram” / ZbxTg

• **June 24, 2015** – Bot API launched

• **Jul 15, 2015** – First commit of ZbxTg

• **Jan 2, 2016** – Rewritten to Python

• **Aug 19, 2016** – Prototype of interactive bot
ZbxTg

- Obtains user id, you need only username
- Sends graphs – yeah!
- Allows to format text: markdown and html
- Locations included
How it looks like
Maps

Emojis 😍

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What can this bot do?
Test bot of [https://github.com/ableev/Zabbix-in-Tel](https://github.com/ableev/Zabbix-in-Tel)ram, join group chat: [https://telegram.me/ZbxTg](https://telegram.me/ZbxTg), subscribe to our channel: [https://telegram.me/Zabbix_in_Telegram](https://telegram.me/Zabbix_in_Telegram)

/start 16:53

Too many people at the conference
Last value: 250

![Map of location](attachment:map.png)

メッセージ

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Maps

Emojis 😍
Graphs
Graphs

Scale
Graphs

Scale more!
How to configure?

Action:

$$\text{{problem}} \text{ Free space on } \text{{HOST.HOST}}$$

Last value: {ITEM.LASTVALUE1}
zbxtg;graphs
zbxtg;graphs_period=1800
zbxtg;itemid:{ITEM.ID1}
zbxtg;title:{HOST.HOST} - {TRIGGER.NAME}
Thank you!

https://github.com/ableev/Zabbix-in-Telegram

use dev branch :)