Telegram

BOT

Create BOT with https://telegram.me/botfather

```
TOKEN=xyz
```

registrare un webhook (consigliato)

```
pip install python-telegram-bot

ipython
import telegram
TOKEN="xyz"
bot = telegram.Bot(TOKEN)
bot.setWebhook("https://giano.comune.verona.it/giano")
```

registrare un webhook (non funziona)

```
curl -i -H "Accept: application/json" -H "Content-Type: application/json" \
  -X POST --data-urlencode '{"url":"https://giano.comune.verona.it/giano"}'
\
  https://api.telegram.org/bot${TOKEN}/setWebhook
```

```
curl -s -X POST https://api.telegram.org/bot${TOKEN}/sendMessage \
-d text="this is a message" \
-d chat_id=73496590 \
| jq .
```

```
curl -s -X POST https://api.telegram.org/bot${TOKEN}/getUpdates | jq .
```

certificato self signed

```
openssl req -newkey rsa:2048 -sha256 -nodes -keyout key.pem -x509 -days 365
-out cert.pem -subj "/C=US/ST=New York/L=Brooklyn/O=Example
Company/CN=example.com"

curl -F url="https://example.com:8443/<token>" -F certificate@=cert.pem
```

Add BOT to group

- With BotFather click /setjoingroups, choose BOT
- Add to group @BOT
- Send a message to group
- Give .result.message.chat.id from curl https://api.telegram.org/bot${TOKEN}/getUpdates

(negative number)

Send a message to group sendmessage_-d_chat_id_-zzzzzzzzzz_text_my_sample_text}

Desktop Installer

```
#!/bin/bash

echo "==============================================="
echo "==     Telegram Script Installer v 0.1     ==="
echo "==                                         ==="
echo "==             by Jalcaldea                ==="
echo "==============================================="

echo "Downloading necesary files..."

cd /tmp
wget -O - https://tdesktop.com/linux > tsetup.tar.gz
wget -O -
https://raw.githubusercontent.com/telegramdesktop/tdesktop/master/Telegram/T
elegram/Images.xcassets/Icon.iconset/icon_256x256@2x.png > icon.png

echo "Making destination folder..."

sudo mkdir /usr/share/telegram
sudo chmod +x /usr/share/telegram

echo "Extracting files..."

tar -xvJf tsetup.tar.gz
cd ./Telegram

echo "Copying new files..."
sudo cp ./Updater /usr/share/telegram/Updater
sudo cp ./Telegram /usr/share/telegram/Telegram
user=$(whoami)
sudo chown -R $user:$user /usr/share/telegram/.

echo "Making desktop files..."

cd /tmp

sudo echo "[Desktop Entry]" > telegram.desktop
sudo echo "Name=Telegram" >> telegram.desktop
sudo echo "GenericName=Chat" >> telegram.desktop
sudo echo "Comment=Chat with yours friends" >> telegram.desktop
sudo echo "Exec=/usr/share/telegram/Telegram" >> telegram.desktop
sudo echo "Terminal=false" >> telegram.desktop
sudo echo "Type=Application" >> telegram.desktop
```

```
sudo echo "Icon=/usr/share/telegram/icon.png" >> telegram.desktop
sudo echo "Categories=Network;Chat;" >> telegram.desktop
sudo echo "StartupNotify=false" >> telegram.desktop

sudo cp icon.png /usr/share/telegram/icon.png
sudo cp telegram.desktop /usr/share/applications/telegram.desktop

echo "Removing old files..."

rm /tmp/tsetup.tar.gz
rm /tmp/icon.png
rm /tmp/telegram.desktop
rm -R /tmp/Telegram


echo "Installation Complete! Launching Telegram..."

/usr/share/telegram/Updater &
```

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