

# Telegram

## BOT

```
TOKEN=xyz
```

registrare un webhook

```
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
```

## Desktop Installer

```
#!/bin/bash

echo "======"
echo "==      Telegram Script Installer v 0.1      =="
```

```
echo "==" by Jalcaldea =="  
echo "=====  
  
echo "Downloading necessary files..."  
  
cd /tmp  
wget -O - https://tdesktop.com/linux > tsetup.tar.gz  
wget -O -  
https://raw.githubusercontent.com/telegramdesktop/tdesktop/master/Telegram/Telegram/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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