Service Park - Rally News

Bot Telegram ❤️ Python

https://www.servicepark.it/
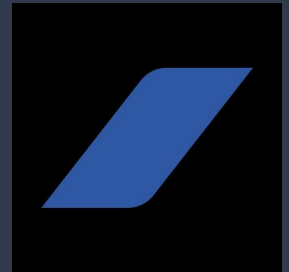
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- Android Dev @ Hype
- Comico
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- Sicuramente non un grafico

- Linkedin:
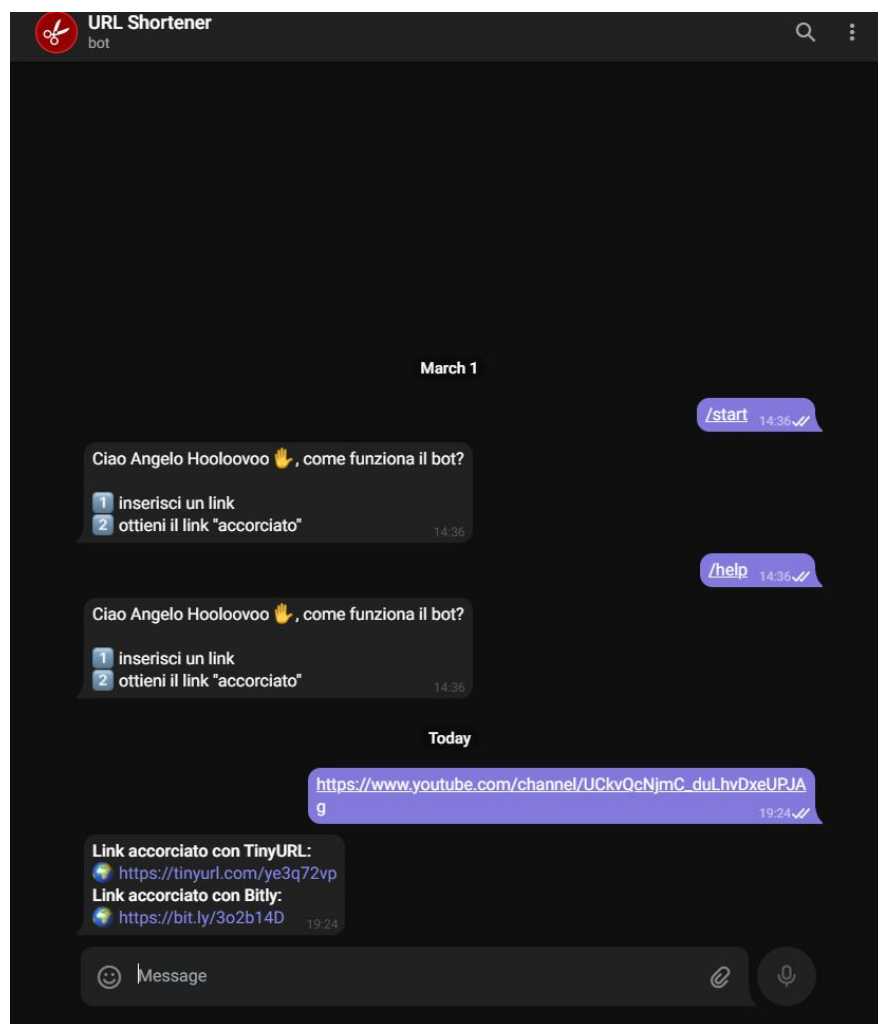 https://www.linkedin.com/in/angelomoroni/
- Telegram:
  Hooloovoo

Bot Telegram

Sono delle *speciali* chat che servono a fare qualcosa.

- Youtube downloader
- Google Calendar
- Service Park
- Fake email
- Url shortener
- ...

Con il bot si parla a comandi:
/comando1

Esempio: @urlshortnerbot

Esempio: @SPRallyNewsBot

Info Utili Ufficiali:

- https://core.telegram.org/bots/api
- https://core.telegram.org/bots

Mettiamoci all'opera: TheBotfather

3. How do I create a bot?

There's a... bot for that. Just talk to BotFather (described below) and follow a few simple steps. Once you've created a bot and received your authorization token, head down to the Bot API manual to see what you can teach your bot to do.

> You may also like to check out some **code examples** here »

4. How are bots different from humans?

- Bots have no online status and no last seen timestamps, the interface shows the label **'bot'** instead.
- Bots have limited cloud storage — older messages may be removed by the server shortly after they have been processed.
- Bots can't initiate conversations with users. A user **must** either add them to a group or send them a mes first. People can use `t.me/<bot_username>` links or username search to find your bot.
- Bot usernames always end in 'bot' (e.g. @TriviaBot, @GitHub_bot).
- When added to a group, bots do not receive all messages by default (see Privacy mode).
- Bots never eat, sleep or complain (unless expressly programmed otherwise).
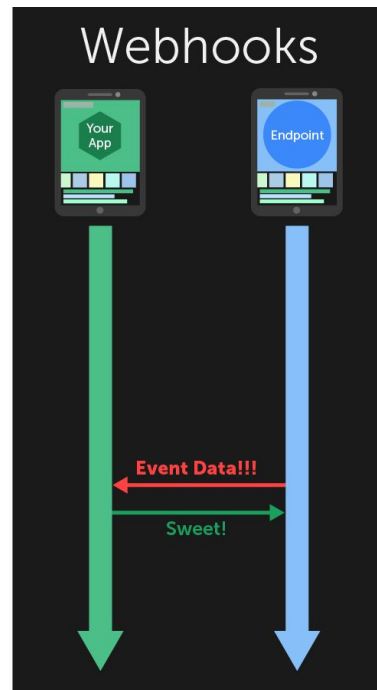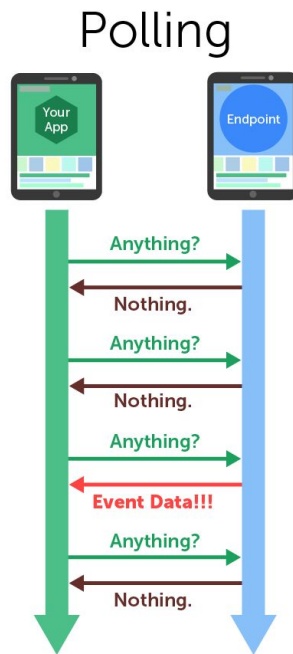
The Botfather. Click for hi-res picture

The Botfather

Librerie Python

- **python-telegram-bot**
  https://github.com/python-telegram-bot/python-telegram-bot
- **pyTelegramBotAPI**
  https://github.com/eternnoir/pyTelegramBotAPI

Entrambe librerie sono opensource

Come riesce a stare sveglio?
Come fa a ricevere i messaggi.

1. Polling
2. Webhook

Rilascio in produzione: Heroku + Flask

- Flask
- Heroku

Flask è utile per esporre il webhook, avremmo potuto usare FastApi, senza problemi.
Heroku (heroku.com) ci darà lo spazio su cui far girare il bot.

Alternativa valida è:
https://www.pythonanywhere.com/

Trucchi per tenere in vita Heroku

cron-job.org