



# Tutorial Zero

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BOT COM BANCO DE DADOS

# Requisitos

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Instale o Python

Usar Versão 3.5 <https://www.python.org/downloads/windows/>

- Download [Windows debug information files for 64-bit binaries](#)
- Download [Windows debug information files](#)
- [Python 2.7.14rc1 - 2017-08-27](#)
  - Download [Windows x86 MSI installer](#)
  - Download [Windows x86-64 MSI installer](#)
  - Download [Windows help file](#)
  - Download [Windows debug information files for 64-bit binaries](#)
  - Download [Windows debug information files](#)
- [Python 3.5.4 - 2017-08-08](#) 
  - Download [Windows x86 web-based installer](#)
  - Download [Windows x86 executable installer](#)
  - Download [Windows x86 embeddable zip file](#)
  - Download [Windows x86-64 web-based installer](#)
  - Download [Windows x86-64 executable installer](#)
  - Download [Windows x86-64 embeddable zip file](#)
  - Download [Windows help file](#)
- [Python 3.5.4rc1 - 2017-07-25](#)
  - Download [Windows x86 web-based installer](#)

# Requisitos

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Instale o Python e faça a configuração abaixo

## EASY TO SETUP

```
$ pip install python-telegram-bot  
$ python bot.py
```

## AND IT IS FREE


python-telegram-bot is distributed under a LGPLv3 license.

# Siga as instruções do site

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Seguro | <https://python-telegram-bot.org> 🔍 📄 ☆ 🌐

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# python-telegram-bot

WE HAVE MADE YOU A WRAPPER YOU CAN'T REFUSE

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## IT'S FUN

```
from telegram.ext import Updater, CommandHandler

def start(bot, update):
    update.message.reply_text('Hello World!')

def hello(bot, update):
    update.message.reply_text(
        'Hello {}'.format(update.message.from_user.first_name))

updater = Updater('YOUR TOKEN HERE')

updater.dispatcher.add_handler(CommandHandler('start', start))
updater.dispatcher.add_handler(CommandHandler('hello', hello))

updater.start_polling()
updater.idle()
```

# Códigos

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## Baseado no Código Abaixo

```
from telegram.ext import Updater, CommandHandler

def start(bot, update):
    update.message.reply_text('Hello World!')

def hello(bot, update):
    update.message.reply_text(
        'Hello {}'.format(update.message.from_user.first_name))

updater = Updater('YOUR TOKEN HERE')

updater.dispatcher.add_handler(CommandHandler('start', start))
updater.dispatcher.add_handler(CommandHandler('hello', hello))

updater.start_polling()
updater.idle()
```

# A parte do Bot

## Entrar no Telegram e Chamar o BotFather

**WC** Willys 14:46:15  
/newbot

**BotFather** 14:46:16  
Alright, a new bot. How are we going to call it? Please choose a name for your bot.

**WC** Willys 14:46:34  
Willys2Bot

**BotFather** 14:46:36  
Good. Now let's choose a username for your bot. It must end in `bot`. Like this, for example: TetrisBot or tetris\_bot.

**WC** Willys 14:46:43  
Willys2Bot

**BotFather** 14:46:44  
Done! Congratulations on your new bot. You will find it at [t.me/Willys2Bot](https://t.me/Willys2Bot). You can now add a description, about section and profile picture for your bot,

**WC** Willys 14:46:43  
Willys2Bot

**BotFather** 14:46:44  
Done! Congratulations on your new bot. You will find it at [t.me/Willys2Bot](https://t.me/Willys2Bot). You can now add a description, about section and profile picture for your bot, see [/help](#) for a list of commands. By the way, when you've finished creating your cool bot, ping our Bot Support if you want a better username for it. Just make sure the bot is fully operational before you do this.

Use this token to access the HTTP API:  
`497678742:AAHsMVXLgn7irBI041FK271Uq8Duj3ucgeI`

For a description of the Bot API, see this page: <https://core.telegram.org/bots/api>

token

# Vamos colocar uma consulta no bot

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Instalar módulo mysql

Disponível em <https://dev.mysql.com/downloads/connector/python/>

# Código completo com select no banco

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```
import mysql.connector

cnx = mysql.connector.connect(user='root', database='reglus', password='xico', host='192934')

from telegram.ext import Updater, CommandHandler

def start(bot, update):
    update.message.reply_text('Hello World!')

def hello(bot, update):
    update.message.reply_text(
        'Hello {}'.format(update.message.from_user.first_name))

def hora(bot, update):
    cursor = cnx.cursor()

    query = ("select date_format(now(), '%d/%m/%Y %H:%i') as horabanco")
    cursor.execute(query)

    for (horabanco) in cursor:
        print(horabanco)
        update.message.reply_text('Hora do Servidor #horáriodeverão {}'.format(horabanco))

    cursor.close()
    cnx.close()

updater = Updater('TOKEN AQUI')

updater.dispatcher.add_handler(CommandHandler('start', start))
updater.dispatcher.add_handler(CommandHandler('hello', hello))
updater.dispatcher.add_handler(CommandHandler('hora', hora))

updater.start_polling()
updater.idle()
```



# Em Execução

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The screenshot shows a chat window with a list of messages. Each message is preceded by a circular avatar containing a letter (WI for Willyscampos, WC for Willys). The messages are as follows:

- Willyscampos (WI):** Hello Willys (15:29:)
- Willys (WC):** /hora (15:32:)
- Willyscampos (WI):** ["11/11/2017 16:31"] (15:32:)
- Willys (WC):** /hora (15:34:)
- Willyscampos (WI):** Hora do Servidor #horáriodeverão ('11/11/2017 16:32',) (15:34:)

A red arrow points to the timestamp '16:32' in the fifth message. At the bottom of the chat, there is a text input field with the placeholder 'Escreva uma mensagem...', a smiley face emoji icon, and a partial view of a green avatar with the letter 'W'.