

MX_PRJ_FaceX_Telegram_Bot

FaceX Telegram Bot module works with a public Telegram Bot previously created to perform facial recognition through Telegram app, with FaceX SecurOS API using a photo file.

Installation

Pre requisites

This module requires:

- SecurOS REST API
- SecurOS FaceX REST API
- SecurOS Node.js
- Telegram Bot TOKEN ([follow this official reference](#))

Steps

To setup, follow the instructions:

1. Install following npm dependencies:
 - `axios`
 - `form-data`
 - `telegraf@4.11.2`
 - `express`
 - `cors`
2. Copy the file `telegram-facex-bot.js` content to a new SecurOS Node.js Script.
3. Configure the script variables with the appropriate info:
 - `BOT_TOKEN`: Telegram Bot Token
 - `REST_API_URL_BASE`: Rest API URL
 - `URL_BASE`: FaceX Rest API URL
 - `PORT`: Web Interface Server Port
4. Paste `main.html` file to `C:\Program Files (x86)\ISS\SecurOS\bin64\node.js\public` folder (*if public folder doesn't exist create it*).
5. Create a `HTML5 FrontEnd` SecurOS Object with URL set to `http://SERVER_IP:PORT/main.html`
(**OPTIONAL**)

Security

Once the module is installed, it has a security layer based on SecurOS Users, in order to be able to use the bot it's required to create a SecurOS user based on the end users' Telegram account.

In SecurOS the created user has to be assigned on Additional Info the value `TELEGRAM_BOT_MESSAGES=true` to allow this user to have access to the bot face recognition functionality.

It's also possible to explicitly deny a user to have access to the bot by specifying in user Additional Info the value `TELEGRAM_BOT_MESSAGES=false`.

Usage

If the module is fully configured, the bot will be prepared for receiving face photos and retrieve the FaceX REST API results in a human readable way.

The web interface will display the results as an ordered list.