



X-UI ENGLISH VERSION

For X-UI FARSI VERSION

Another Translated-to-English Version of X-UI; with some of more advanced features implemented.

A further development from my previous repo and kind a fork from taffychan's x-ui + hossinasaadi's x-ui, which all are forked from vaxilu's awesome project : a Multi-protocol Multi-user Xray Panel

Features

- Everything is in English (Serverside setup + Serverside UI + Web UI)
- System status monitoring
- Support multi-user multi-protocol, web page visualization operation
- Multi UUIDs can be added as users for Vmess and Vless configurations with separate QR codes
- IP limitation
- Supported protocols: vmess, vless, trojan, shadowsocks, dokodemo-door, socks, http
- Support to configure more transmission configurations
- Traffic statistics, limit traffic, limit expiration time
- Customizable xray configuration templates
- Support https access panel (bring your own domain name + ssl certificate)
- Telegram Bot for basic functions and notifications
- Support one-click SSL certificate application and automatic renewal
- Can be securely migrated from v2-ui
- Can be securely updated from a previous X-UI (CH/EN) version without losing outbounds
- For more advanced configuration items, see the panel for details

Preview

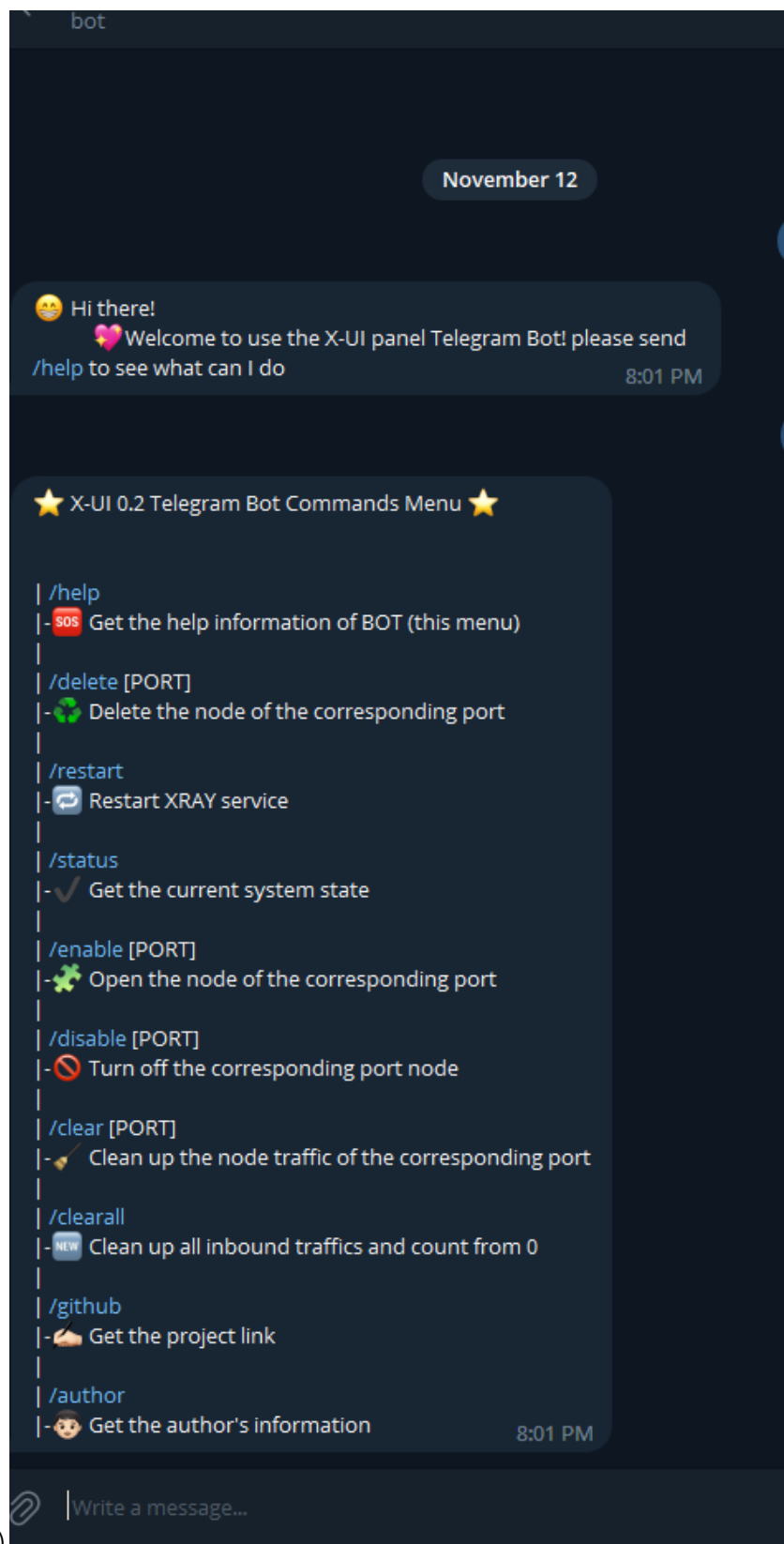
The image displays the X-UI System Status dashboard in a web browser and a terminal window below it.

System Status Dashboard:

- CPU:** 1%
- Memory:** 6.83% (67.80 MB / 992.08 MB)
- swap:** 0% (0 B / 512.00 MB)
- Hard Disk:** 6.39% (1.54 GB / 24.05 GB)
- XRAY Status:** running (1.6.4) [Switch Version]
- Operation Hours:** 2 hrs
- System Load:** 0 | 0 | 0
- tcp / udp Connections Count:** 47 / 2
- Upload:** 8.93 KB / S
- Download:** 8.31 KB / S
- Outgoing Bandwidth:** 105.82 MB
- Incoming Bandwidth:** 137.61 MB

Terminal Window:

```
root@localhost: ~  
  
X-UI English  
-----  
X-UI MANAGEMENT SCRIPT USAGE:  
-----  
x-ui          - Show the management menu  
x-ui start    - Start X-UI panel  
x-ui stop     - Stop X-UI panel  
x-ui restart  - Restart X-UI panel  
x-ui status   - View X-UI status  
x-ui enable   - Set X-UI boot self-starting  
x-ui disable  - Cancel X-UI boot self-starting  
x-ui log      - View x-ui log  
x-ui v2-ui    - Migrate V2-UI to X-UI  
x-ui update   - Update X-UI panel  
x-ui install  - Install X-UI panel  
x-ui uninstall - Uninstall X-UI panel  
-----  
Please do consider supporting authors  
-----  
vaxilu        - https://github.com/vaxilu  
taffychan     - https://github.com/taffychan  
LuckyHunter   - https://github.com/Chasing66  
Yu FranzKafka - https://github.com/FranzKafkaYu  
Niduka Akalanka - https://github.com/NidukaAkalanka  
-----  
Panel IPv4 login address is: http://69.164.193.254:222  
Panel IPv6 login address is: http://[2600:3c00::f03c:93ff:fe42:ff66]:222  
Username: Nidul  
Password: Nidul  
  
(If you cannot access the X-UI panel, first enter the X-UI command in the SSH command line, and then select the 17 option to let go of the firewall port)  
root@localhost:~#
```



Telegram Bot Preview (Currently, only for V0.2)

Single Command Install & upgrade

```
1 bash <(curl -Ls https://raw.githubusercontent.com/NidukaAkalanka/x-ui-english/master/install.sh)
```

Manual install & upgrade

1. First update your system and run the following commands. (Must have root user permissions)

```
1 sudo su
2 cd
```

2. Then download the latest compressed package from /releases/latest, generally choose **amd64** architecture
3. Run the following commands respectively:

If your server cpu architecture is not **amd64**, replace ***** in the command with another architecture

```
1 rm x-ui/ /usr/local/x-ui/ /usr/bin/x-ui -rf
2 tar zxvf x-ui-linux-amd64.tar.gz
3 chmod +x x-ui/x-ui x-ui/bin/xray-linux-* x-ui/x-ui.sh
4 cp x-ui/x-ui.sh /usr/bin/x-ui
5 cp -f x-ui/x-ui.service /etc/systemd/system/
6 mv x-ui/ /usr/local/
7 systemctl daemon-reload
8 systemctl enable x-ui
9 systemctl restart x-ui
```

Install using docker

1. Install docker

```
1 curl -fsSL https://get.docker.com | sh
```

2. Install x-ui

```
1 mkdir x-ui && cd x-ui
2 docker run -itd --network=host \
3     -v $PWD/db:/etc/x-ui/ \
4     -v $PWD/cert:/root/cert/ \
5     --name x-ui --restart=unless-stopped \
6     enwaiax/x-ui:latest
```

```
1 docker build -t x-ui .
```

SSL certificate application

The script has 3 built-in SSL certificate application functions. Using a sub-domain is recommended. - ### 1st Method (Recommended. Works for almost any TLD including Freenom free TLDs) To use this method to apply for a certificate, your server's IP address being correctly pointed to a domain or subdomain that you own is the only requirement. (Acme.sh script's 3rd option)

-

2nd and 3rd Methods (Use if the above one fails. Would not work for Freenom free TLDs)

This is not beginner friendly as much as the first one. To use this method, all of the following prerequisites should be met:

- Knowing the Cloudflare registered email address
- Knowing the Cloudflare Global API Key
- Having domain name has been resolved to the current server through cloudflare

How to get the Cloudflare Global API Key: 1. Visit the link [https://dash.cloudflare.com/profile/api-](https://dash.cloudflare.com/profile/api-tokens)

tokens 2. Click on View Global API Key (See the screenshot below)

3. You may have to re-authenticate your account. After that, the API Key will be shown (See the screenshot below)

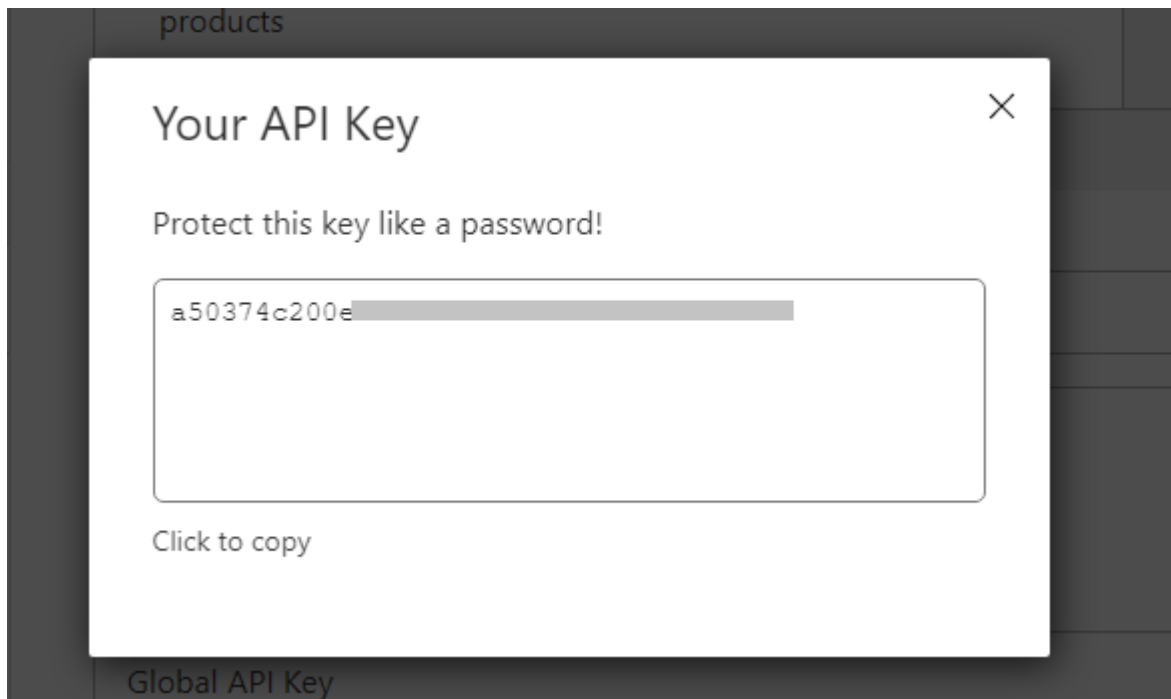
⏪ Collapse sidebar

API Keys

Keys used to access Cloudflare

Global API Key

Origin CA Key



```
[DEG] Please set the domain
Input your domain here:exa
[DEG] Your domain name is
[DEG] Please set the API k
Input your key here:a50374
[DEG] Your API key is:a503
[DEG] Please set up a regi
Input your email here:admi
```

When using, just enter `domain name`, `email`, `API KEY`, the diagram is as follows:

Precautions:

- The script uses DNS API for certificate request
- Use Let'sEncrypt as the CA party by default. You can choose between Zeross.com or Buy-pass.com
- The certificate installation directory is the `/root/` directory
- The certificates applied for by this script are all generic domain name certificates

IP Limitation and Multi-User on Same Port

There is almost nothing to explain about Multi-User thing. You will have separate QR codes along with traffic calculation, expiry date setting and stuff.

The IP limitation woks as follows:

Occasion: - There's a client who is using a v2ray config with IP limitation = 1. - He is currently connected to the v2ray server from his PC with Wi-Fi - Then he is trying connect to the server using the same v2ray config from his mobile with 4G **AT THE SAME TIME**

Outcome : - There's no impact to his PC's connection - On his mobile, he will be successfully connected for about 10 seconds - Then, his mobile's internet connection through v2ray will be stopped. Returning **ERR_CONNECTION_CLOSED**.

Occasion: - After some time, the same client, mentioned above, disconnects his PC from v2ray - But keeps his mobile trying to connect

Outcome: - After about 10 seconds past disconnecting the PC, he will regain the connection for his mobile.

If it is a fresh installation, these functions, specially IP limiting, will work flowlessly. But if yours is an upgrading, they might not work while giving XRAY status : not running. In such cases, please refer here

Suggested OSs

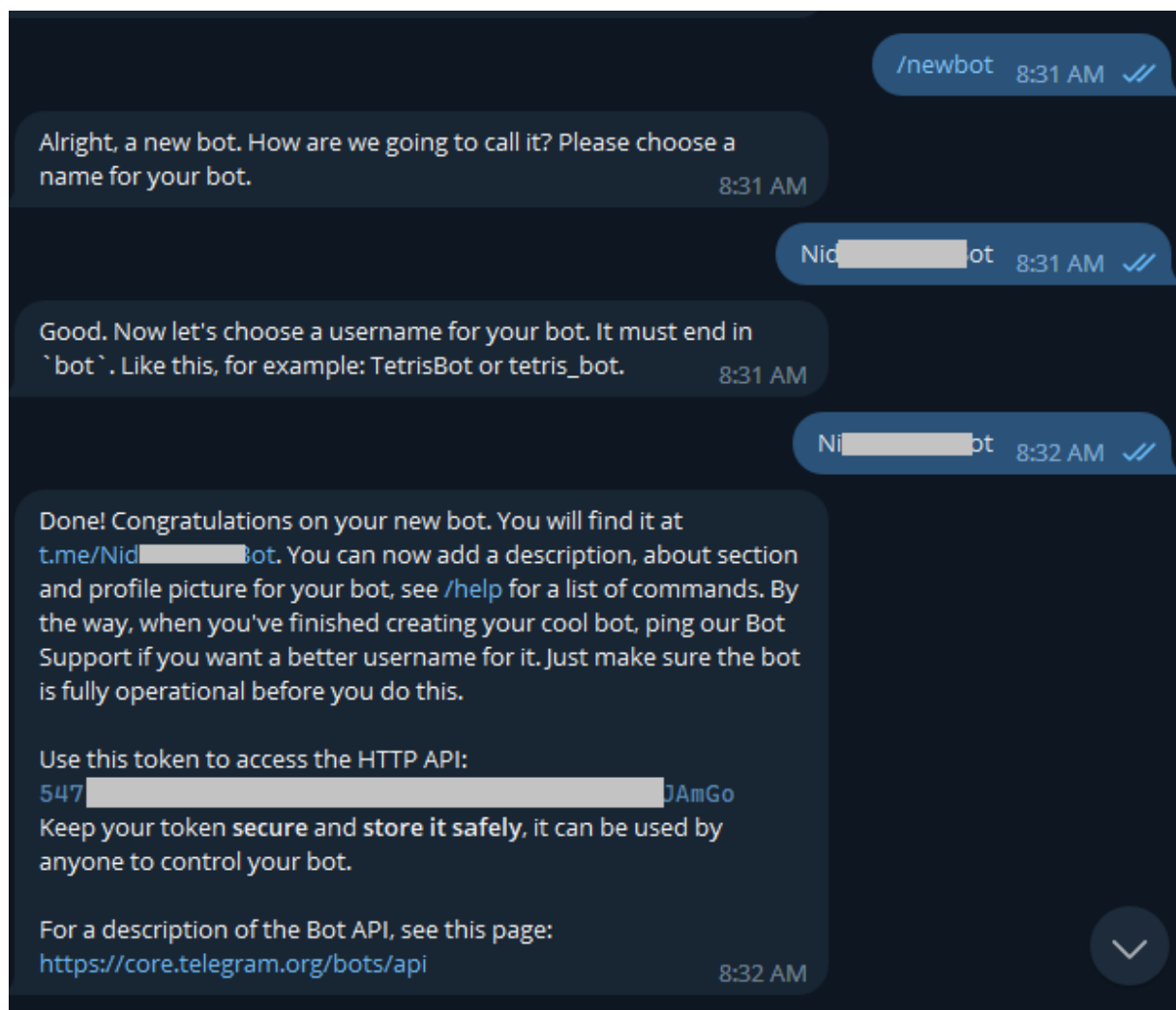
- CentOS 7+
- Ubuntu 16+
- Debian 8+

Telegram Bot Setup Guide (Currently, only for V0.2)

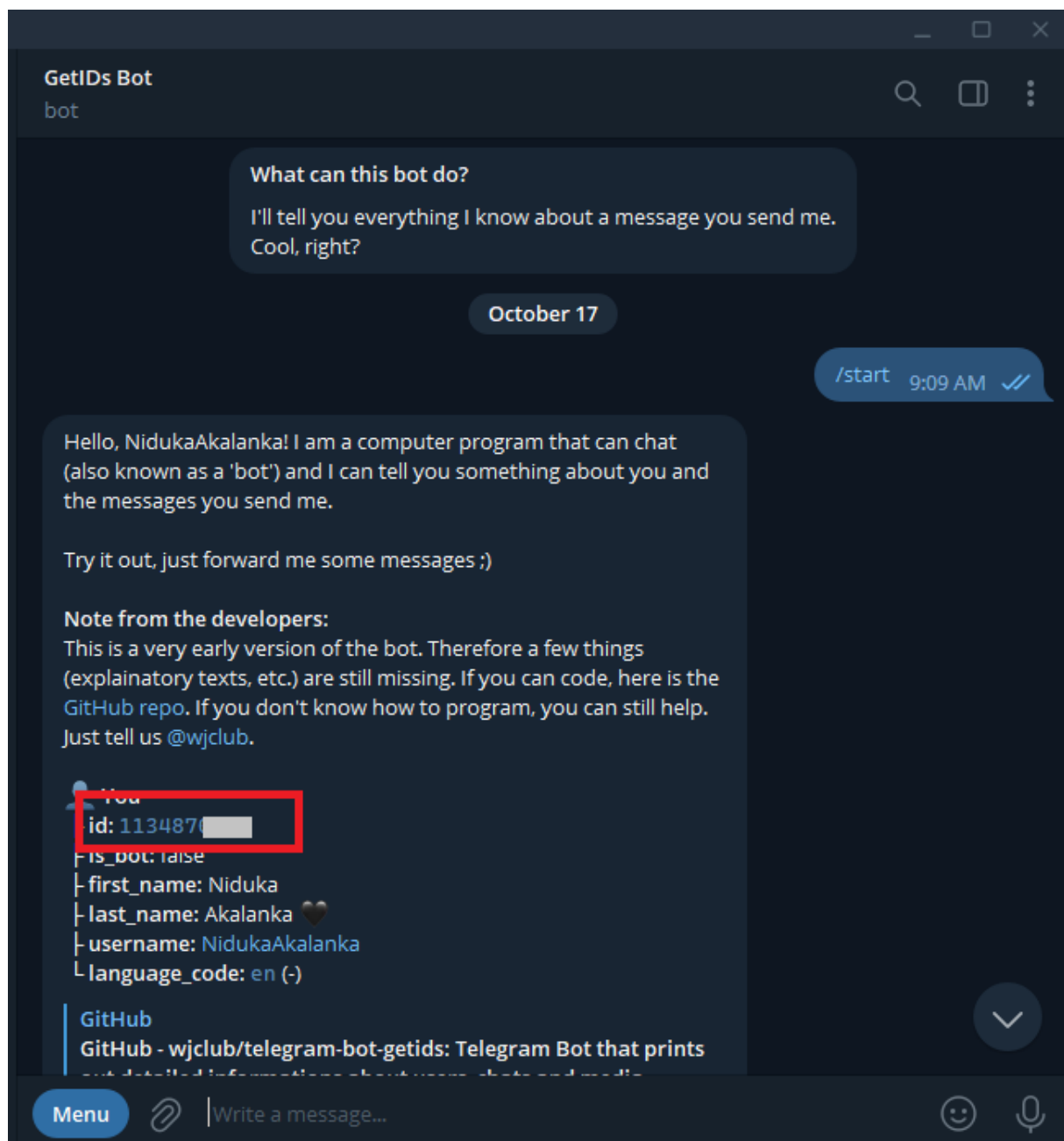
X-UI English supports daily traffic notification, panel and server login reminder and other functions through Telegram bot.

Bot Functions - Inbounds traffic usage - Panel login reminder - Server SSH login reminder - Inbounds expiration alert - Traffic warning reminder - Daily summary at a pre-defined time And more to come.....

Follow these steps correctly to activate X-UI English Telegram Bot: 1. Head to Botfather bot. Start it and send /newbot command. Follow the Bot's instructions for setting a name and username for your bot. Upon a successful new bot creation, you'll see a message like follows. which contains your API key. Keep it somewhere safer. You'll need it later.



2. Then, start GetUIDs Bot and send it a message. Copy the number under “You”. See the following screenshot.



3. Finally, Paste UID and API Key in the correct text boxes on the X-UI English web panel's Telegram Bot Settings tab; after enabling the bot. Access [https://t.me/Your Bot Username](https://t.me/Your_Bot_Username). Use it's instructions to go ahead and use the commands.

Telegram Bot Timing Format (Crontab Guuide)

Reference Syntax: - `* / 30 * * * *` Notift every 30 minutes, every hour - `30 * * * * *` Notify at the 30s of each point - `@hourly` hourly notifications - `@daily` Daily notification (00:00 AM) - `@every 8h` Notification every 8 hours

More details about Crontab here [## Note for Beginner Devs](#) Hey Beginner Developer! Appreciate your intrest on playing the codes with this repository. I have seen many people who are not much familiar with none of the languages used here, but still need to do some modifications such as translating the UIs to their native language, modifying telegram bot functions and etc... But after they are done with all of these code modifications, some of them having hard times converting their code into a binary. So they contact me and I have to repeatedly tell them the same procedure. So, here's how you can do it by yourself. - Head to [Your fork repository link](#)/actions . Enable Github Actions if it isn't yet. - Click on Release X-ui under All workflows - Finally, click Run workflow twice. Wait untill the workflow run finishes. Once finished, you will find a release packages with your modifications at [Your fork repository link](#)/releases

If you are looking to modify Telegram Bot functions, the Bot's code lives at [/web/service/telegram.go](#)

Happy Coding, Beginner Dev!

Issues Fixed until the latest update

Fixed on 0.1 –

- GLIBC 2.28 Not Found error
- Workflow error due to TG Bot
- One-click SSL installation ### Fixed on 0.2 –
- Multi-user IDs for Vmess and Vless
- Lack of Telegram bot implementation
- Release packages being much heavier in size
- Download traffic not being monitored ### Fixed on 0.2.1 –
- Download data not being calculated
- Lack of separate QR codes for each multi-users on VMess/Vless
- Operation hours not being translated to English
- IP limitation not being worked
- Minor bugs with Docker installation ### Fixed on 0.2.1.1 –
- Error while swithcing Xray version ### Fixed on 0.2.1.2 –
- ip.gs error causing IP scraping errors