

surplus on wheels: Telegram Bridge

Telegram Bridge for surplus on wheels (s+ow)

s+ow bridges are defined in a file named `$HOME/.s+ow-bridges`. each command in the file is run, and comma-separated target chat IDs are passed using stdin.

this bridge recognises targets prefixed with `tg:`.

```
tg:<chat id>,...
```

installation

Important

the following instructions implies that [surplus](#) and [surplus on wheels](#) have already been installed

1. install prerequisite software if not installed:

```
pkg install git
```

```
pip install pipx
```

2. install spow-telegram-bridge:

```
wget -O- https://surplus.joshwel.co/telegram.sh | sh
```

Note

if `wget` throws a 404, see [backup links](#)

3. add the following to your `$HOME/.s+ow-bridges` file:

```
SPOW_TELEGRAM_API_HASH="" SPOW_TELEGRAM_API_ID="" s+ow-telegram-bridge
```

fill in `SPOW_TELEGRAM_API_HASH` and `SPOW_TELEGRAM_API_ID` accordingly. see the [Telethon docs](#) for more information

to keep up to date, look at [updating](#) to set up a daily update cron job:

updating

the installation script also sets up a shell script under the `s+ow-telegram-bridge-update` command

```
s+ow-telegram-bridge-update
```

to do this automatically, make a cron job with `crontab -e` and make a new line with the following text:

```
0 0 * * * bash -l -c "s+ow-telegram-bridge-update"
```

this cron job will run the command every day at midnight

usage

- `s+ow-telegram-bridge` normal usage; sends latest message to tg:-prefixed targets given in stdin
- `s+ow-telegram-bridge login` logs in to Telegram
- `s+ow-telegram-bridge logout` logs out of Telegram
- `s+ow-telegram-bridge list` lists all chats and their IDs

optional arguments:

- `--silent` asks telegram to send message silently
- `--delete-last` deletes last location message to prevent clutter

versioning scheme

from `v2.2024.27`, the Telegram Bridge will automatically release a new version once a week if there are updates to its dependencies

as such, the bridge is now versioned with a modified calendar versioning scheme of `MAJOR.YEAR.ISOWEEK`, where the `MAJOR` version segment will be bumped with codebase changes, whereas the `YEAR` and `ISOWEEK` segments will represent the time of which the release was built at

licence

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