

# Matrix Synapse Miscellaneous

Different things, sometimes advanced and some things that just did not fit in the regular guide.

## Interesting projects

Name	Link	Description	Last Release	Last Commit	Rating	Active
ocrcc-chatbox	<a href="https://github.com/Safe-Support-Chat/ocrcc-chatbox">https://github.com/Safe-Support-Chat/ocrcc-chatbox</a>	Embeddable Matrix Chatbox				Yes
Cactus Comments	<a href="https://cactus.chat/">https://cactus.chat/</a>	Cactus Comments is a federated comment system for the web, based on the Matrix protocol.				?
Journal	<a href="https://github.com/lukebarnard1/journal">https://github.com/lukebarnard1/journal</a>	A web client for writing news stories, personal blogs and more, built on the Matrix protocol.				No
Matrix CRDT	<a href="https://github.com/YousefED/Matrix-CRDT">https://github.com/YousefED/Matrix-CRDT</a>	Matrix-CRDT enables you to use Matrix as a backend for distributed, real-time collaborative web applications that sync automatically.				Yes
mycete	<a href="https://github.com/qbit/mycete">https://github.com/qbit/mycete</a>	A matrix.org micro-blogging (twitter, mastodon) connector.				
mjolnir	<a href="https://github.com/matrix-org/mjolnir">https://github.com/matrix-org/mjolnir</a>	A moderation tool for Matrix.				Yes

## Synapse maintenance tools

- [https://matrix-org.github.io/synapse/latest/usage/administration/database\\_maintenance\\_tools.html](https://matrix-org.github.io/synapse/latest/usage/administration/database_maintenance_tools.html)

## Show the public rooms on the server

- [https://example.com/\\_matrix/client/r0/publicRooms](https://example.com/_matrix/client/r0/publicRooms)

## Coturn

Coturn is a turn server and it is used for 1:1 voip calls through the client (example: riot).

```
apt install coturn
```

Edit Config files

opening ports

## Installing Bots

Matrix Synapse currently does not have a concept of bots, a bot is just a normal user. Usally there is a config and a .py file, download the files, unpack them and run the .py file. Running and downloading things via pip is not recommended.

Install python3

```
sudo apt install python3
```

then install pip

```
sudo apt install python3-pip
```

then matrix-bot-api from pyp

```
pip3 install matrix-bot-api
```

and finally fill out the config and start it

```
python3 pollbot.py
```

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