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	https://github.com/Safe-Support-Chat/ocrcc-chatbox	Embeddable Matrix Chatbox				
Cactus Comments	https://cactus.chat/	Cactus Comments is a federated comment system for the web, based on the Matrix protocol.				
Journal	https://github.com/lukebarnard1/journal	A web client for writing news stories, personal blogs and more, built on the Matrix protocol.				
Matrix CRDT	https://github.com/YousefED/Matrix-CRDT	Matrix-CRDT enables you to use Matrix as a backend for distributed, real-time collaborative web applications that sync automatically.				
mycete	https://github.com/qbit/mycete	A matrix.org micro-blogging (twitter,mastodon) connector.				
mjolnir	https://github.com/matrix-org/mjolnir	A moderation tool for Matrix.				
Matrix-Art	https://github.com/MTRNord/matrix-art	Matrix Art is an experimental Devianart Fediverse version which tries to be close to Devianart.				
Circles	https://www.kombuchaprivacy.com/circles/	A secure social sharing app with a Matrix backend.				
Gatho	https://gatho.party/	A event with integration to matrix.				
Hummingbard	https://github.com/hummingbard/hummingbard	Hummingbard is an experimental client for building decentralized communities on top of Matrix.				

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TheBoard	https://github.com/toger5/TheBoard	A collaborative Whiteboard powered by the [Matrix] protocol and infrastructure.				
Cerulean	https://github.com/matrix-org/cerulean	Cerulean is a highly experimental Matrix client intended to demonstrate the viability of freestyle public threaded conversations a la Twitter.				

Synpase maintenance tools

- 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

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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