

# Aggregated-I2P-Work

Keeping track of my I2P stuff.

## Tutorials

### Tunnels

1. [Basic HTTP Service Tutorial](#)
  - [source](#)
2. [SSH Tunnel Tutorial](#)
  - [source](#)
3. [Mattermost Guides](#)
  - [source](#)
4. [Setting up an NNTP Client for NNTP](#)
  - [source](#)

### Programming

1. [So You Want to Write a SAM Library](#)
  - [source](#)
2. [Writing an HTTP Proxy for your Application in Go](#)
  - [source](#)

### Docker

1. [Basic eepSite](#)
  - [source](#)
2. [Mirror a github pages site](#)
  - [source](#)
3. [Play Freeciv over I2P](#)
  - [source](#)
4. [Set up an Internet Radio Station](#)
  - [source](#)

## Libraries

### Regular

1. [gosam](#)
  - [source](#)

2. [sam3](#)
  - [source](#)
3. [Jsam](#)
  - [source](#)
4. [ramp](#)
  - [source](#)
5. [sam-forwarder](#)
  - [source](#)
6. [go-i2p-dht-poc](#)
  - [source](#)

### **libp2p/multicodecs**

1. [multiaddr](#)
  - [source](#)
2. [go-garlic-tcp-transport](#)
  - [source](#)

### **Applications**

1. [Standalone HTTP proxy](#)
  - [source](#)
2. [Standalone static web server](#)
  - [source](#)
3. [SAM-Based resolver](#)
  - [source](#)
4. [apt-transport-i2p](#)
  - [source](#)
5. [apt-transport-i2phttp](#)
  - [source](#)
6. [i2psetproxy.js](#)
  - [source](#)

## **My Roadmap/Checklist**

### **Split tunnel configs/Self-installing services**

1. Split configuration directories for i2ptunnel and other applications as appropriate

- In-Progress.
2. Self-installing client/service demos for nginx(server only), ssh/sshd, and Mattermost client/server using split i2ptunnel configuration and apt
- Done, but depends on Split Configurations for i2ptunnel.

## **Begin re-creating an I2P Distro**

1. Port any maintainable, i2p-native bittorrent client to be apt-get installable in Debian, likely BiglyBT or XD
  - Done, but not by me, I just fixed a little script. R4S4S did all the substantial work.
2. Produce ISO for "I2P Linux Distro Redux" Project using these features
  - In-Progress.

## **Applications, clients, and libraries**

1. Browser tunnel identity management UI WebExtension for i2p Browser build
  - Nearly done.
2. Extended SOCKS Proxy with WebExtension Native Messaging features for i2p Browser build and general use
  - In Progress.
3. Create .deb package for Extended SOCKS proxy for PPA/Project Repo
  - Not started, maybe not necessary.
4. goSam - Up to SAM 3.2, better default signatures.
  - Done.
5. sam3 - Up to SAM 3.2, better default signatures. Streaming, datagrams, and raw. General improvements.
  - Done, but still growing.
6. jsam - Further development
  - Not started, but easy.