

Current Installation, for Background:

OctoPrint (3D Printing Server)

<https://github.com/foosel/OctoPrint>

MJPEG Streamer (runs alongside OctoPrint on Raspberry Pi)

<https://github.com/jacksonliam/mjpg-streamer>

OctoPi - Distribution of OctoPrint, MJPG Streamer, and HAProxy
for Raspberry Pi

<https://github.com/guysoft/OctoPi>

Enable Secure Access to OctoPrint via Basic Auth

<https://printoid.net/access-octoprint-from-the-internet/>

- Only the green lines in step 2 are important since OctoPi takes care of the rest.

Internet Servers:

OctoPrint API (to remotely control printer from iOS)

<http://docs.octoprint.org/en/master/api/index.html>

- Relevant endpoints and data models are referenced in the data models section of the project proposal (pt. 4).

Non-Apple Library iOS Code:

MjpegStreamingKit (to display MJPG live camera streams)

<https://github.com/freedom27/MjpegStreamingKit>