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## Etherbox Manual

An interview with etherbox: <http://www.aprja.net/interview-with-an-etherbox>

### Manual to the guide

Markdown: <https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>

**A MAKE FILE is not a cms!**

<http://etherbox.local/home/pi/makefile>

executable notebook

recipes for things that can be made f.ex. dump

**make dump**: each file of etherpad is saved in different formats

This page as a PDF: <http://etherbox.local/home/pi/etherdump/toc.pdf>

make file is executed every 5 minutes, overriding older versions.

using tool called ‘pandoc’ (uses Latex)

creates automatic index based on Markdown hierarchy

using existing tools to make a modular workflow that can be interfered with.

you can create new pages in ‘name filter’ box on [http://etherbox.local/home/pi/etherdump/\\_index.html](http://etherbox.local/home/pi/etherdump/_index.html)

<http://etherbox.local/home/pi/etherdump/>

using magic markup n.o. publish means the page will not be archived or included in generated pages. (will this page be non-published now? ah. yes! euh . . . do we need ‘noetherpad’ markup?!)

etherpad is a stream of keystrokes, each annotated with timestamp and author

the local server is also a file server: click *home*, there is a folder *books*, where you can drag-and-drop your files in <http://etherbox.local/home/pi/books/>

### Combining files/pads, making assemblages!

producing combined pdf of different files / publishing mode :-)

— super trooper!  
Scrapbook PDF: <http://etherbox.local/home/pi/etherdump/scrapbook.scrp.pdf>

is the results of this pad: <http://etherbox.local:9001/p/scrapbook.pdfsrcs>

is also a way to bring pictures in!

So another way to think about the ToC is as a list of possible pads

You can contribute in different ways:

- write text
- write make files
- change source files (for example the makefile)
- do MD (markdown)

How/where to run commands?

The Makefile is not a pad, but it could be.

Might be good to make make-file more rigid

How to run the Makefile?

Terminal access through ssh is possible. It is a way to log into the pi and run the scripts.

user = pi, password=raspberry

```
$ ssh pi@etherbox.local $ make
```

to try this out yourself:

1. create a pad test.md
2. wait 5 mins
3. go to test.pdf
4. check.
5. If the result is not what you expect, in the home folder, there is cron.log.txt, for when something goes wrong
6. <http://etherbox.local/home/pi/cron.log.txt>

Mind the convention to name Pandoc-PDF files: filename.p.pdf

The working makefile is here:

<http://etherbox.local/home/pi/makefile>

IF AN ERROR OCCUR, the LOG file is here:

<http://etherbox.local/home/pi/cron.log.txt>