

Make Radio

Jaromil's Journal of Musings

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0.1 Introduction

The workshop includes an hands-on experience employing GNU/Linux for digital radio making and a short theoretical overview on the significance of this media: from Orson Welles' radio-transmission "War of the Worlds" (1938) to contemporary Tetsuo Kogawa's "Micro Radio Manifesto" for the distributed media of the new millennium.

The workshop is held by Cecile Landman¹ and Jaromil Rojo² for classes of 10–20 people, the language of the workshop can be English, Italian and Dutch.

0.2 Software

We run free software workshops to introduce participants to the use of a 100% free GNU/Linux operating system for media production and artistic creativity.

Each participant receives a dyne:bolic CD with all necessary software, free to be used and redistributed (GNU GPL license). The notions acquired will not make it necessary to buy any commercial software, the students will be free to produce and distribute their own creations without any third-party dependence.

Audacity³ is free, open source software for recording and editing sounds. It is available for various operating systems.

MuSE⁴ provides the free software community with a user friendly but powerful tool for network audio streaming, making life easier for independent free speech online radios.

Icecast⁵ is free server software for streaming multimedia.

dyne:bolic⁶ GNU/Linux is an operating system for multimedia production: you can manipulate and broadcast both sound and video with tools to record, edit, encode and stream.

0.3 Manuals

FLOSS Manuals⁷ is a collection of manuals that explains how to install and use a range of free and open source software. The manuals are friendly and simple, and they are intended to encourage people to explore the wide range of free, open source alternatives to expensive and restrictively licensed software.

FLOSS Manuals⁸ biedt handleidingen voor open source software, en probeert daarnaast het delen van informatie over software makkelijker te maken.

- Audacity⁹ audio editor
- MuSE¹⁰ streaming source

¹<http://lacity.wordpress.com>

²<http://jaromil.dyne.org>

³<http://audacity.sourceforge.net/>

⁴<http://muse.dyne.org>

⁵<http://icecast.org>

⁶<http://dynebolic.org>

⁷<http://en.flossmanuals.net/>

⁸<http://nl.flossmanuals.net>

⁹<http://en.flossmanuals.net/audacity/>

¹⁰<http://en.flossmanuals.net/muse>

- Icecast¹¹ online broadcast
- Streamtuner¹² listener

0.4 Radio in Amsterdam

- Radio 100¹³ Amsterdam
- Radio Razo¹⁴ Media Amsterdam Zuidoost
- DFM RTV INT¹⁵ Artist-run Live Radio Community
- Salto¹⁶ locale Omroep Amsterdam
- Patapoe¹⁷ pirate radio
- M2M Radio¹⁸ migrant 2 migrant

0.5 Web Links

- Free Software Foundation¹⁹
- Dyne.org²⁰ software ideas for the arts
- Xiph.org²¹ Internet radio directory
- GNU Radio²² The GNU Software Radio
- More Free Software for doing Radio²³ (AM / FM)
- A Micro Radio Manifesto²⁴

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¹¹<http://en.flossmanuals.net/icecast>

¹²<http://www.nongnu.org/streamtuner/>

¹³<http://www.desk.nl/radio100/>

¹⁴<http://www.radio-razo.nl/>

¹⁵<http://dfm.nu/>

¹⁶<http://www.salto.nl/>

¹⁷<http://freeteam.nl/patapoe/>

¹⁸<http://m2m.streamtime.org>

¹⁹<http://www.fsf.org/>

²⁰<http://radio.dyne.org>

²¹<http://dir.xiph.org/>

²²<http://www.gnu.org/software/gnuradio/>

²³<http://ross.sourceforge.net/>

²⁴<http://www.translocal.jp/radio/micro/>