MAME / MESS:
ENGENHARIA REVERSA E EMULAÇÃO DE DISPOSITIVOS DIGITAIS

Felipe Sanches
juca@members.fsf.org

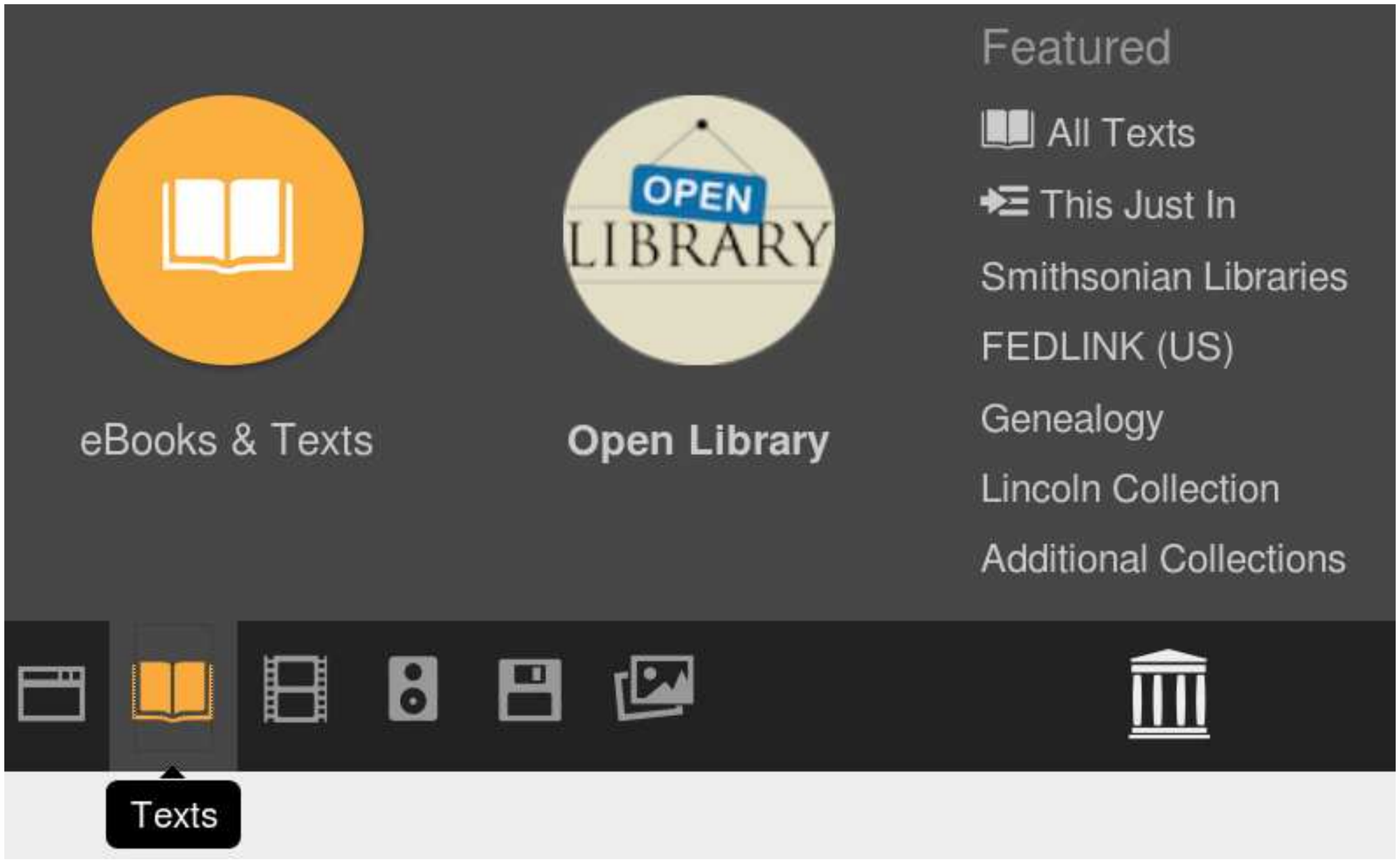
iNTERNET ARCHIVE

Preservação histórica

WAYBACK MACHINE

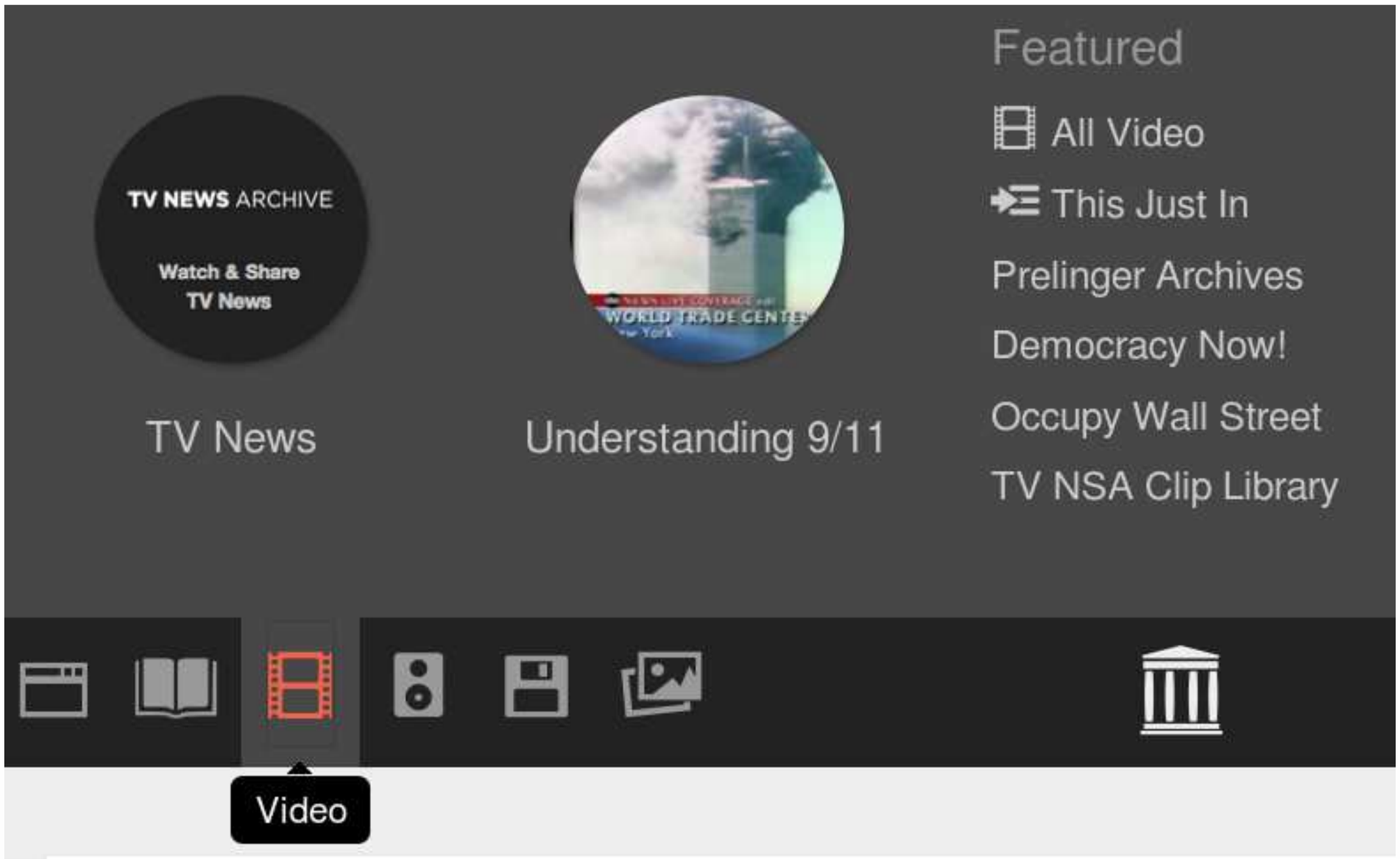
"backup de toda a web"

iNTERNET ARCHIVE



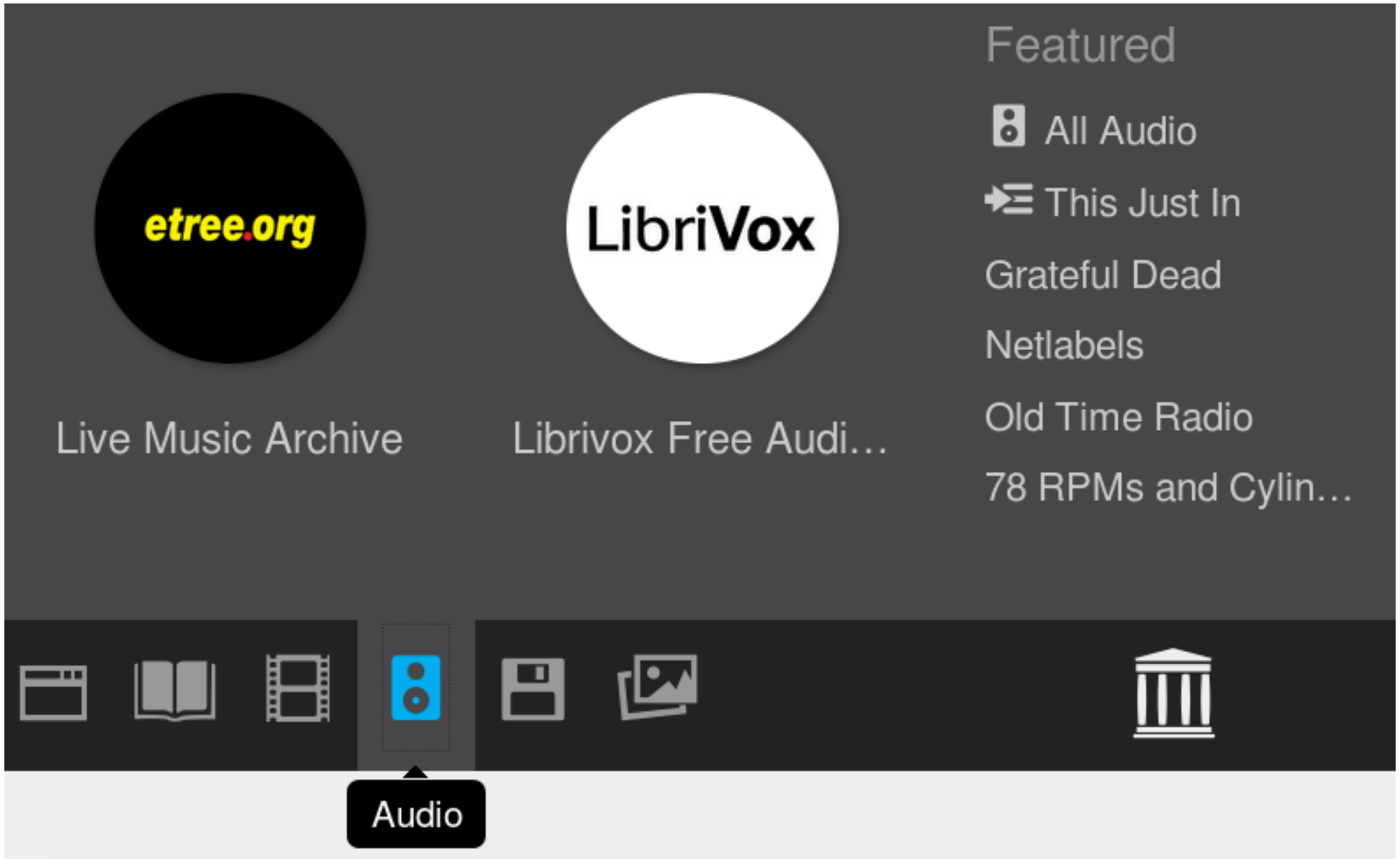
Texto

iNTERNET ARCHIVE



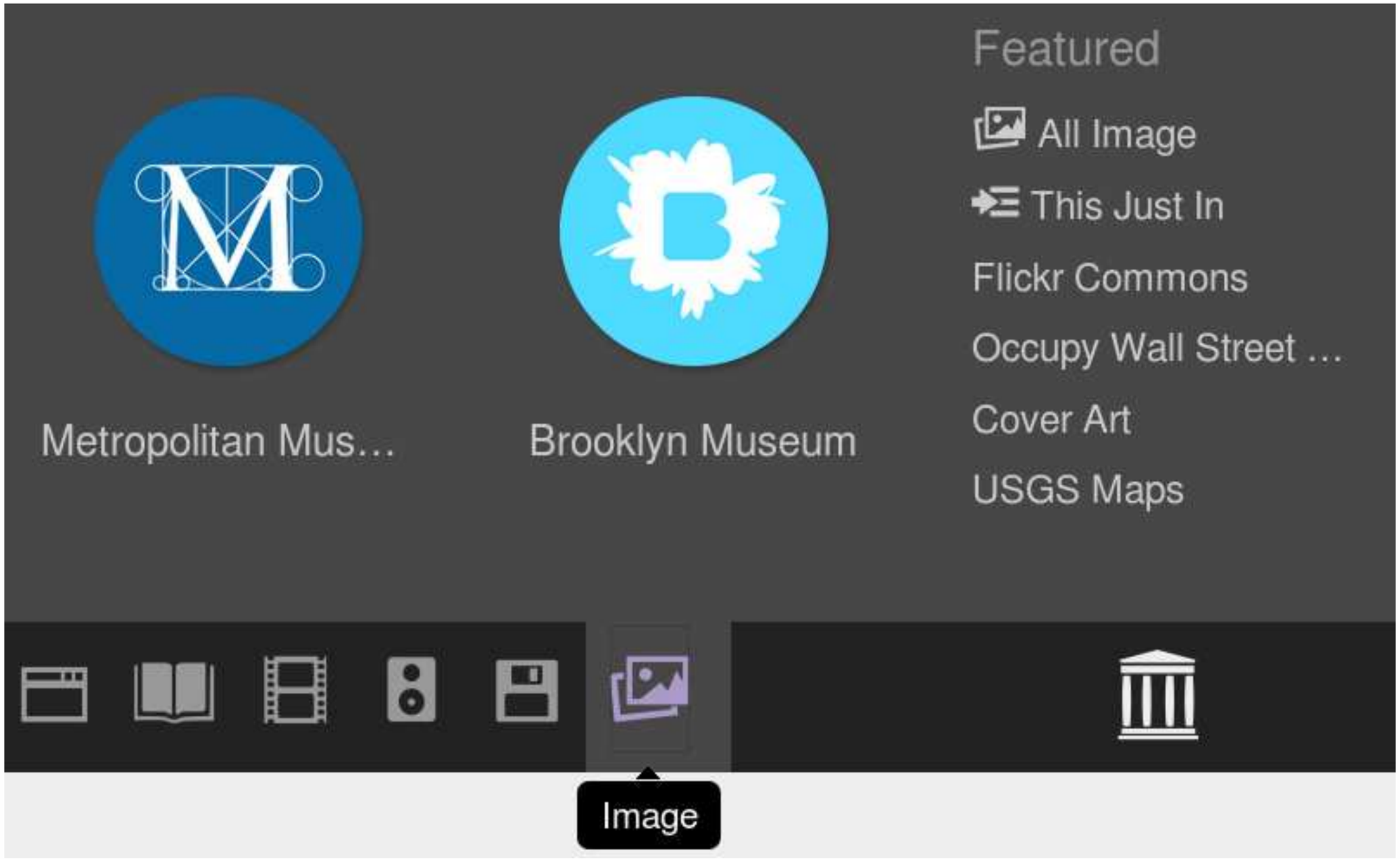
Vídeos

iNTERNET ARCHIVE



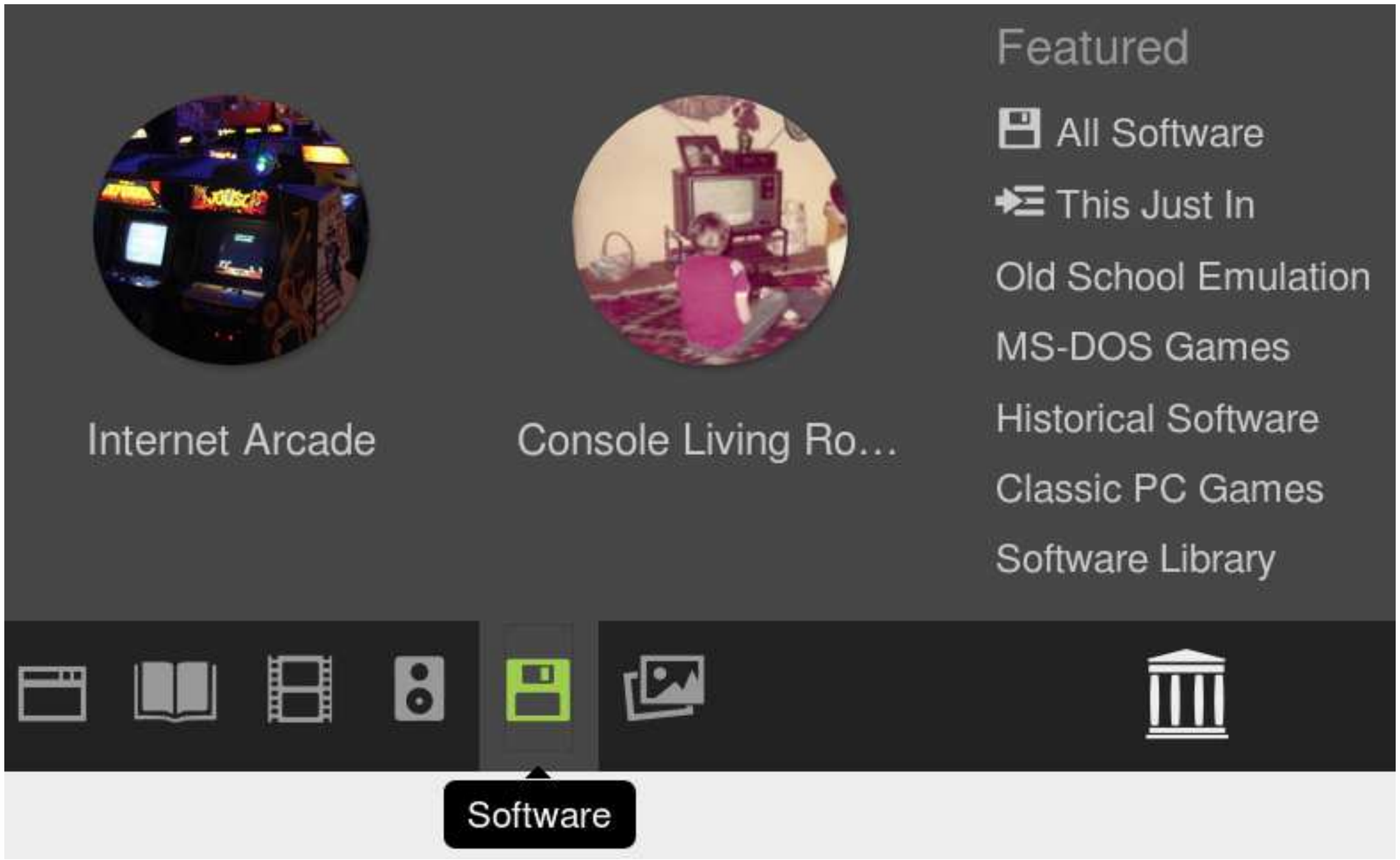
Áudio

iNTERNET ARCHIVE



Imagens

iNTERNET ARCHIVE



Software

DEMONSTRAÇÃO:

https://archive.org/details/gg_Mega_Man_1994Capcom_U.S._Gold

MEGA MAN no GAME GEAR

MULTIPLE ARCADE MACHINE EMULATOR

THE OFFICIAL SITE OF THE MAME DEVELOPMENT TEAM

RSS

Information

- Home
- About MAME
- Project History
- Legal
- Contact
- Resources

Welcome to MAME...

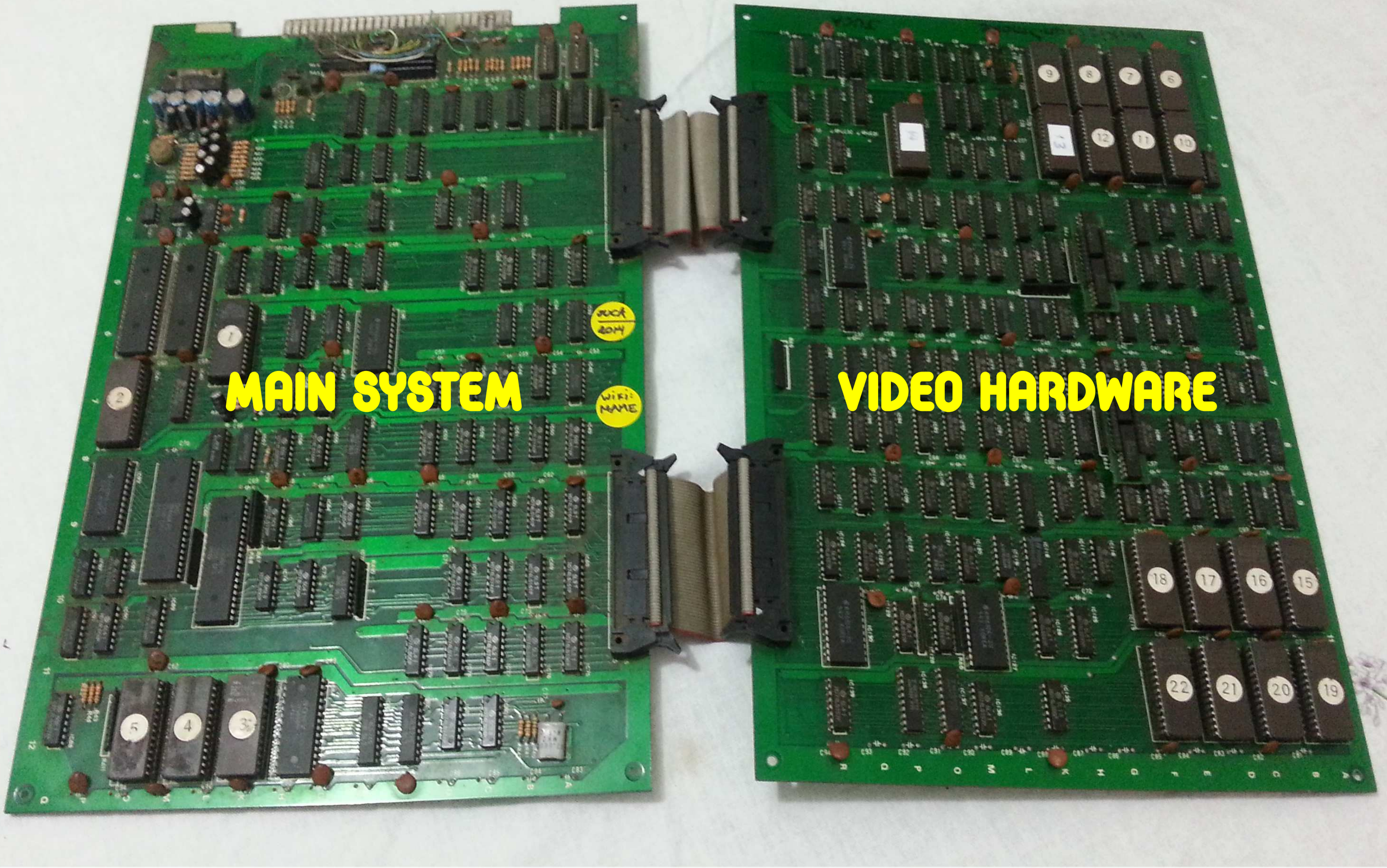
You've reached the official site of the MAME development team.

MAME stands for **M**ultiple **A**rcade **M**achine **E**mulator. When used in conjunction with images of the original arcade game's ROM and disk data, MAME attempts to reproduce that game as faithfully as possible on a more modern general-purpose computer. MAME can currently emulate several thousand different classic arcade video games from the late 1970s through the modern era.

Latest Version:

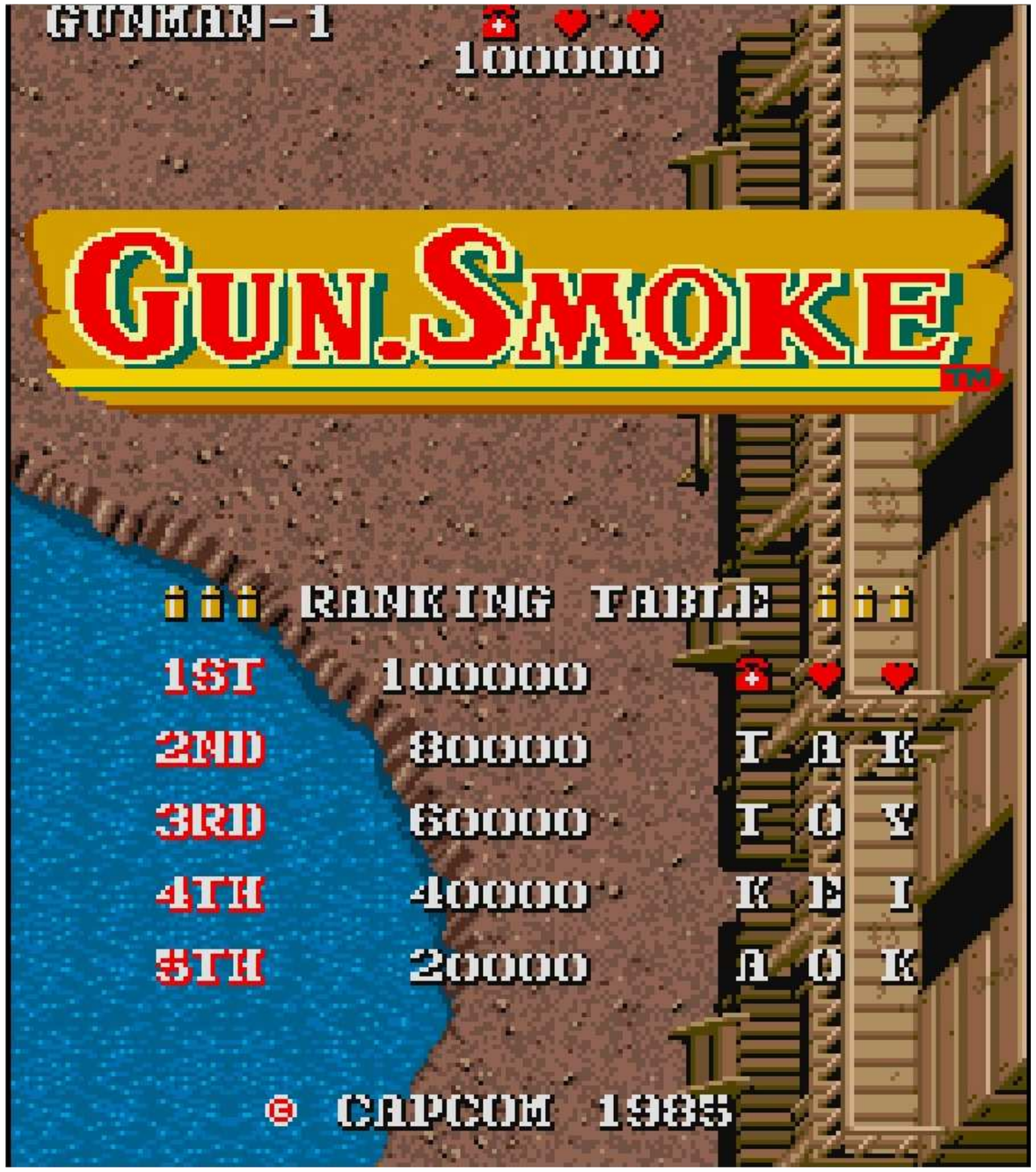
Download source updates to MAME 0.153

MULTI ARCADE MACHINE EMULATOR



GUNSMOKE: PLACAS DO ARCADE

GUNSMOKE



CAPCOM 1985

CARRIER AIR WING

CAPCOM 1992

CARRIER AIR WING

CAPCOM 1992

MULTI EMULATOR SUPER SYSTEM

APPLE II

COMMODORE 64

MSX (GRADIENTE)

MAKERBOT REPLICATOR 1

desktop 3d printer

UZEBOX PROJECT

8-bit open hardware video-game

ULTRATEC MINICOM IV

acoustic-coupled teletype

SOFTWARE LIVRE ?

MAMEDEV.org Information Downloads Documentation Search wiki…

MAME is going open source

20 May 2015

After lot of years being under MAME own license (prohibiting any commercial use) and therefore not open source, we are finally moving towards becoming officially open source project. Idea is to keep core under BSD3 license and rest is up to developers that created code (drivers and devices emulation). (options are BSD3, LGPL2 or GPL2)

Hopefully this will bring more new developers to MAME project and give more life to project itself.

Please note that MAME trademark is still valid the "MAME" name and MAME logo may not be used without first obtaining permission of the trademark holder.

If you have contributed in past and we still did not contact you please contact us at mamedev@mamedev.org.

relicenciamento do MAME

HD44780U (LCD-II)

(Dot Matrix Liquid Crystal Display Controller/Driver)

HITACHI

ADE-207-272(Z)
'99.9
Rev. 0.0

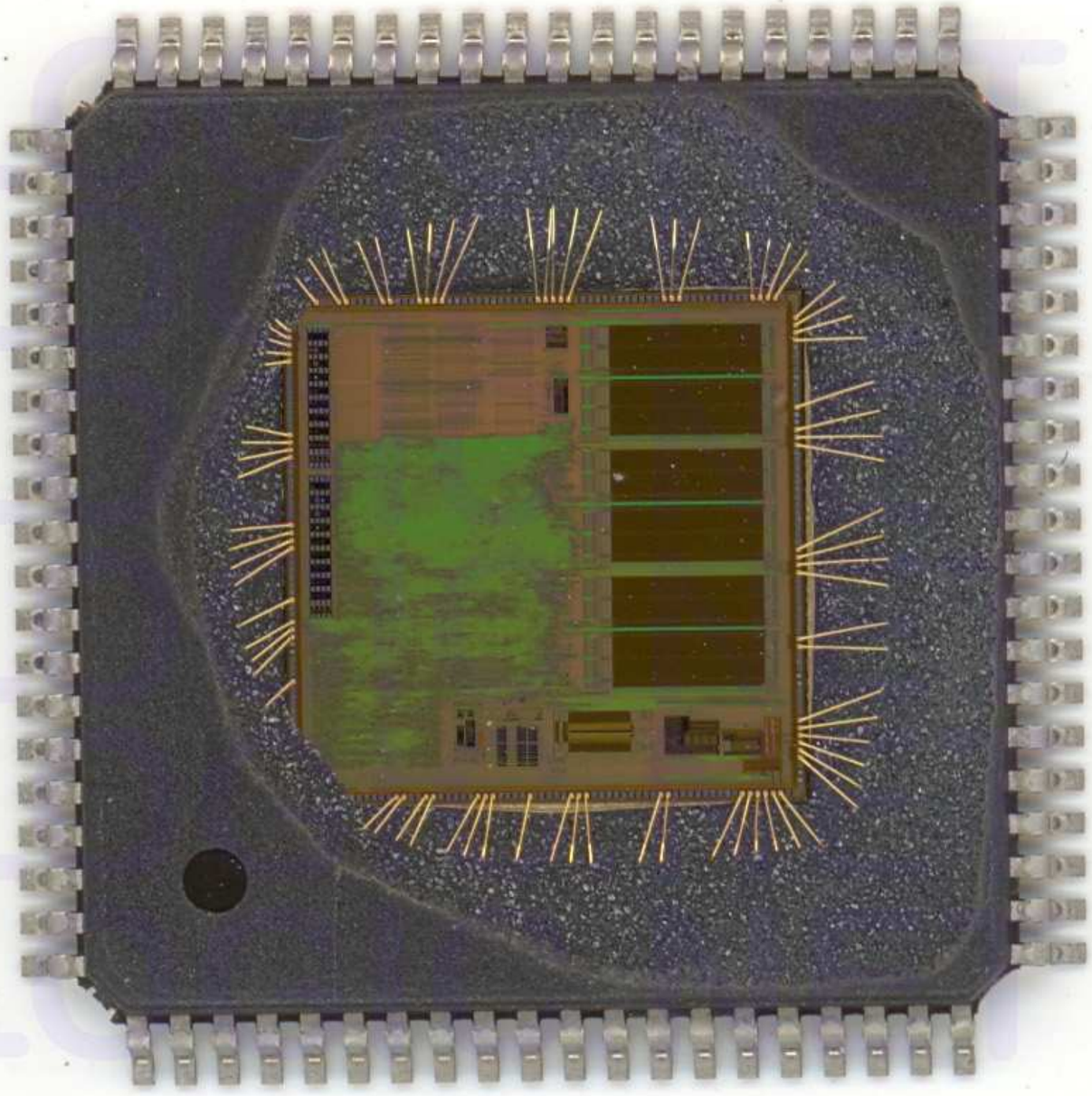
Description

The HD44780U dot-matrix liquid crystal display controller and driver LSI displays alphanumerics, Japanese kana characters, and symbols. It can be configured to drive a dot-matrix liquid crystal display under the control of a 4- or 8-bit microprocessor. Since all the functions such as display RAM, character generator, and liquid crystal driver, required for driving a dot-matrix liquid crystal display are internally provided on one chip, a minimal system can be interfaced with this controller/driver.

A single HD44780U can display up to one 8-character line or two 8-character lines.

The HD44780U has pin function compatibility with the HD44780S which allows the user to easily replace an LCD-II with an HD44780U. The HD44780U character generator ROM is extended to generate 208 5 × 8 dot character fonts and 32 5 × 10 dot character fonts for a total of 240 different character fonts.

ENGENHARIA REVERSA



LINUX LIBRE

OFSO Free Software Foundation Latin America

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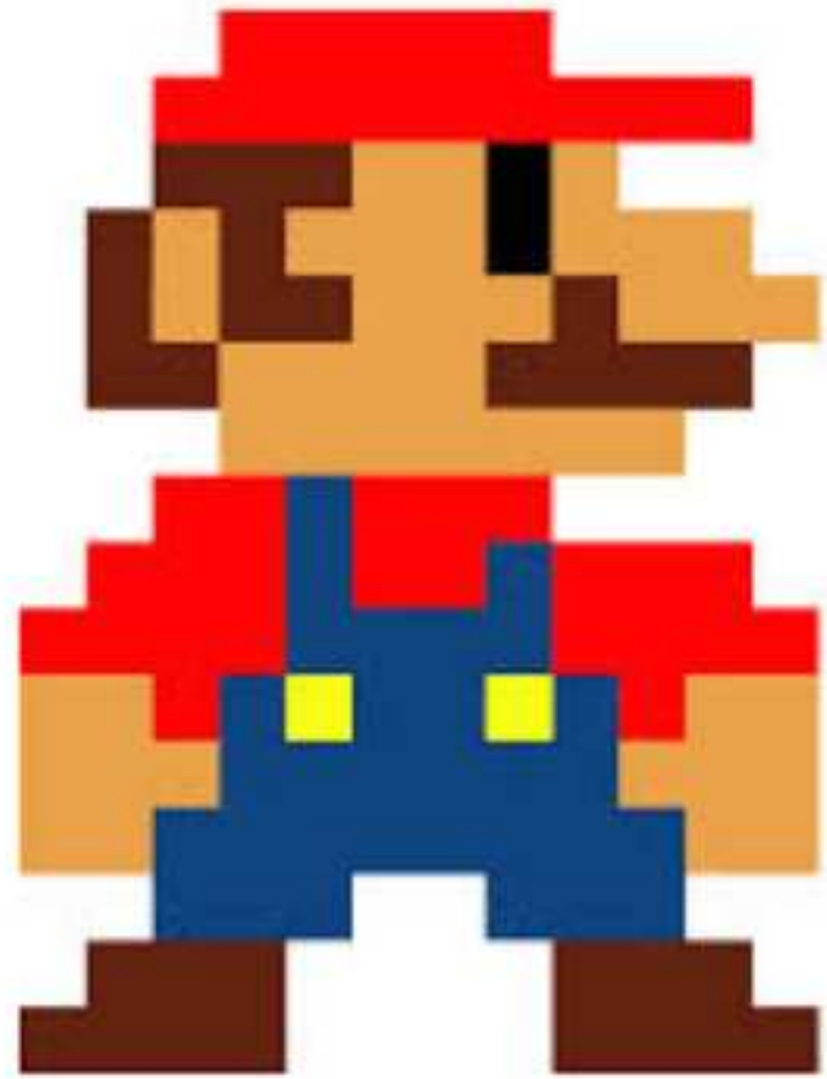
GNU Linux-libre, Free as in Freedo

Linux, the kernel developed and distributed by Linus Torvalds et al, contains non-Free Software, i.e., software that does not respect your **essential freedoms**, and it induces you to install additional non-Free Software that it doesn't contain.

Removendo blobs proprietários

PARADOXO



PROVA DE CONCEITO: MACBOOKS

iSeeYou: Disabling the MacBook Webcam Indicator LED

Matthew Brocker
Johns Hopkins University

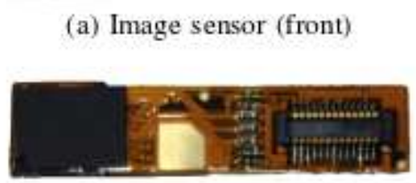
Stephen Checkoway
Johns Hopkins University

***Abstract*—The ubiquitous webcam indicator LED is an important privacy feature which provides a visual cue that the camera is turned on. We describe how to disable the LED on a class of Apple internal iSight webcams used in some versions of MacBook laptops and iMac desktops. This enables video to be captured without any visual indication to the user and can be accomplished entirely in user space by an unprivileged (non-root) application.**

The same technique that allows us to disable the LED, namely reprogramming the firmware that runs on the iSight, enables a virtual machine escape whereby malware running inside a virtual machine reprograms the camera to act as a USB Human Interface Device (HID) keyboard which executes code in the host operating system.

We build two proofs-of-concept: (1) an OS X application, *iSeeYou*, which demonstrates capturing video with the LED disabled; and (2) a virtual machine escape that launches *Terminal.app* and runs shell commands. To defend against these and related threats, we build an OS X kernel extension,

(a) Image sensor (front)



(b) Image sensor (back)

(c) Main board (front)

(d) Main board (back)

https://jscholarship.library.jhu.edu/bitstream/handle/1774.2/36569/camera.pdf

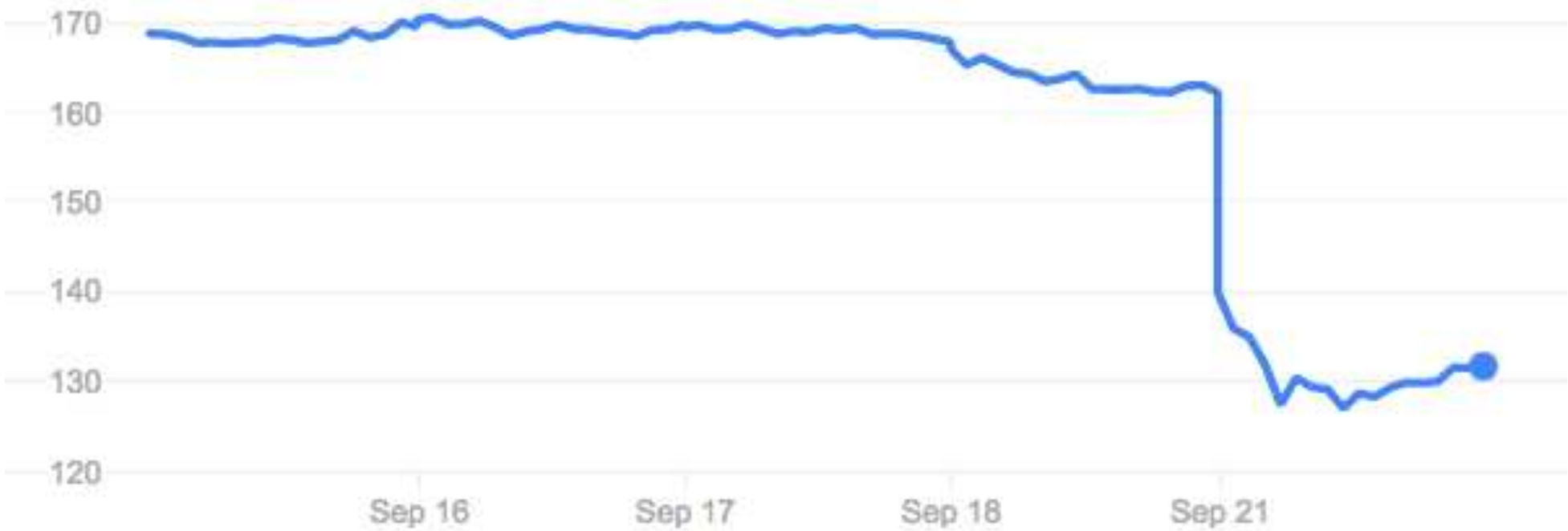
Ataque em Firmware da WebCam

Volkswagen AG

XETRA: VOW3 - Sep 21 5:35 PM CET

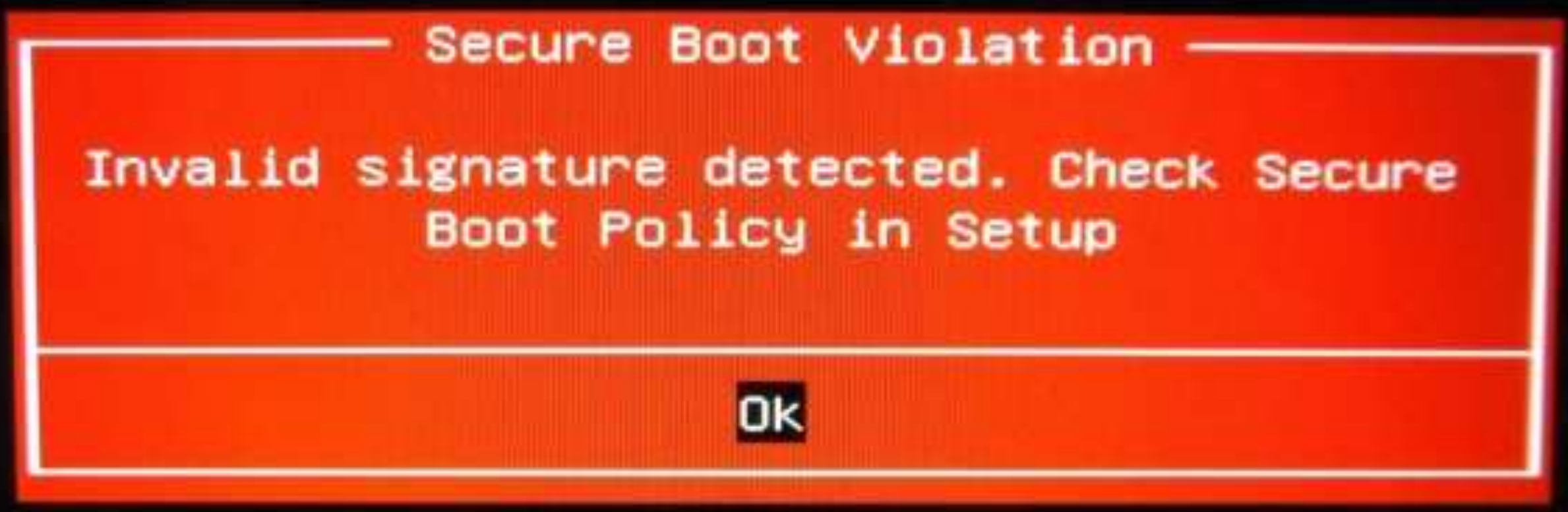
132.20 ↓30.20 (18.60%)

1 day | 5 day | 1 month | 3 month | 1 year | 5 year | max

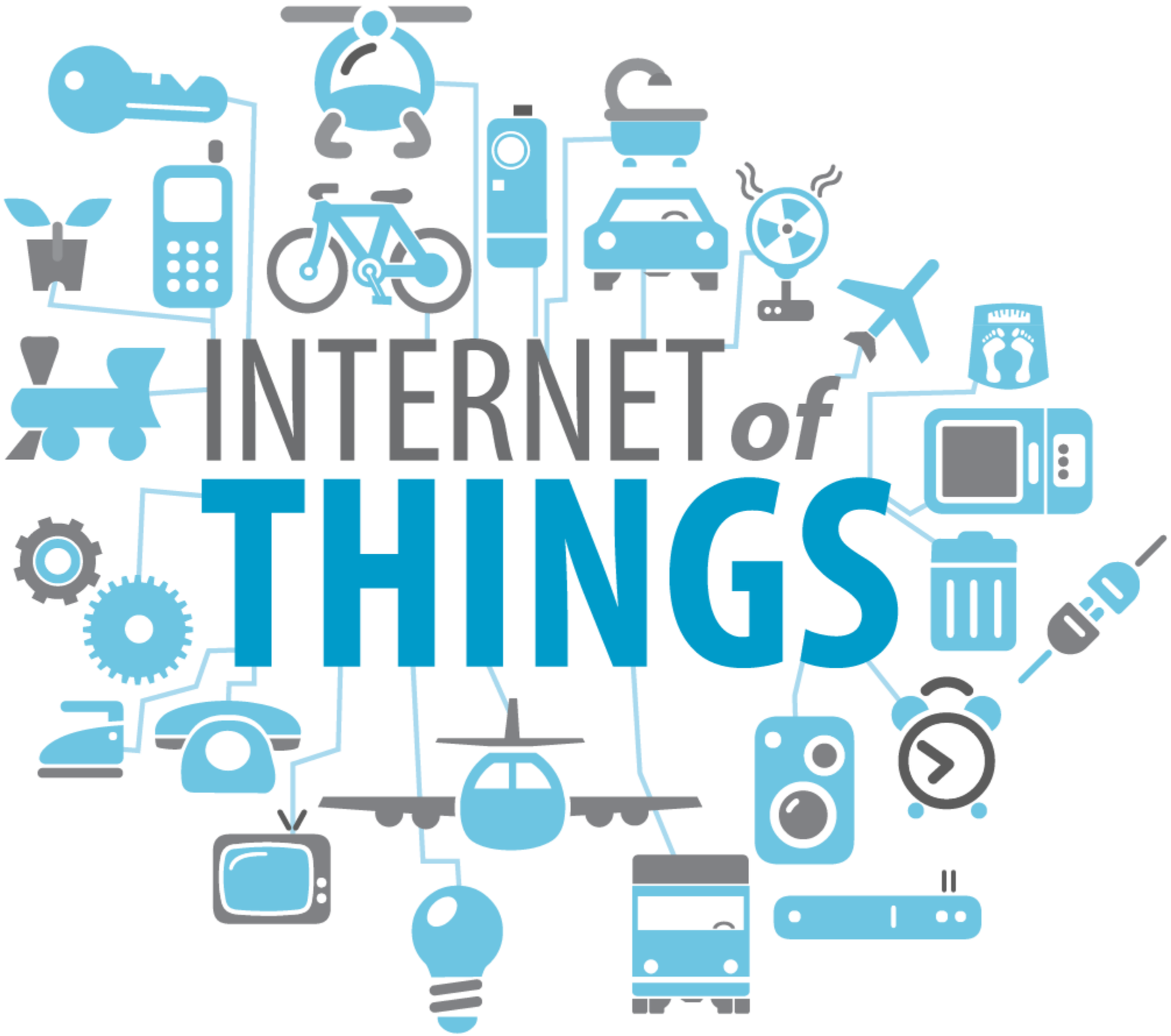


Open	139.95	Mkt cap	62.64B
High	142.90	P/E ratio	6.12
Low	125.40	Div yield	3.68%

ESCÂNDALO VOLKSWAGEN


Secure Boot Violation
Invalid signature detected. Check Secure Boot Policy in Setup
Ok

BOOT "SEGURO" ?



iNTERNET OF "THREATS"

AMAZONIA KING

POSSIBILIDADES PARA O FUTURO

Escaneamento 3D + OpenGL/WebGL

OBRIGADO!

https://github.com/felipesanches/WebBr2015_MAME_ArchiveOrg/

juca@members.fsf.org