How to integrate MAME into PinUP Popper

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This document assumes you have a working knowledge of DOS/Windows file systems and you are not afraid to use Google to search out answers to your problems.
Here we go:

1. Download your favorite Distro of CoinOPS arcade front end, unzip it to a temporary directory.

2. Download co.zip at this link:
http:\\robco.nitwitz.org\co.zip
[some official entity will need to host the co.zip file in the near, near future]
Create a folder in your downloads folder named "Co_cmd" and unzip the contents of co.zip to that directory. Your result should look similar to this, only the path name may be different.
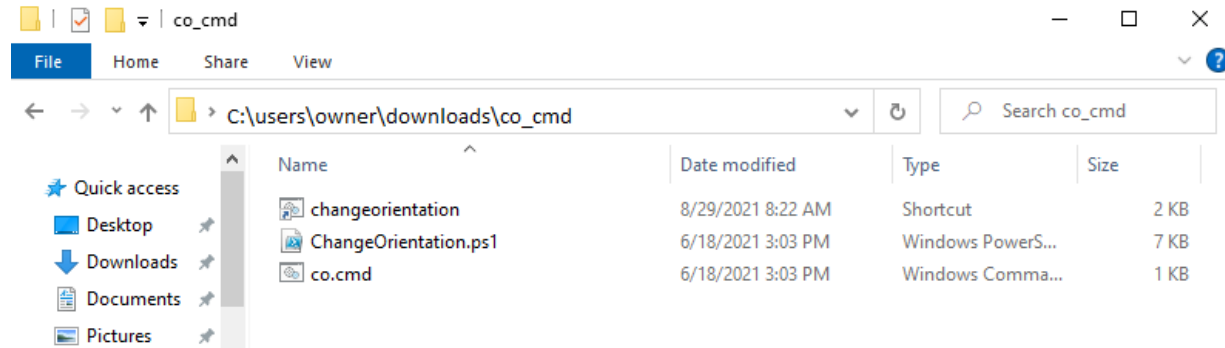

3. Change the orientation of your playfield monitor by double-clicking on co.cmd from step 2, This will give you an idea of what co.cmd does: Changes the orientation of your playfield. executing co.cmd again would 'rotate' the field back to landscape orientation, but do not do that just yet.

4. From the screen in Step 2, right click on CO.cmd and click on "Create Shortcut". Rename the shortcut to changeorientation.lnk. Over-write the existing file when prompted.

5. From your temporary COINOPS\Mame directory, and with your playfield monitor still in Portrait orientation, launch mame64.exe:

6. MAME64 launches to this screen:

At the MAME Launch / Config screen, adjust the settings such that when you launch the Game "!942" until all you see on the playfield is this:
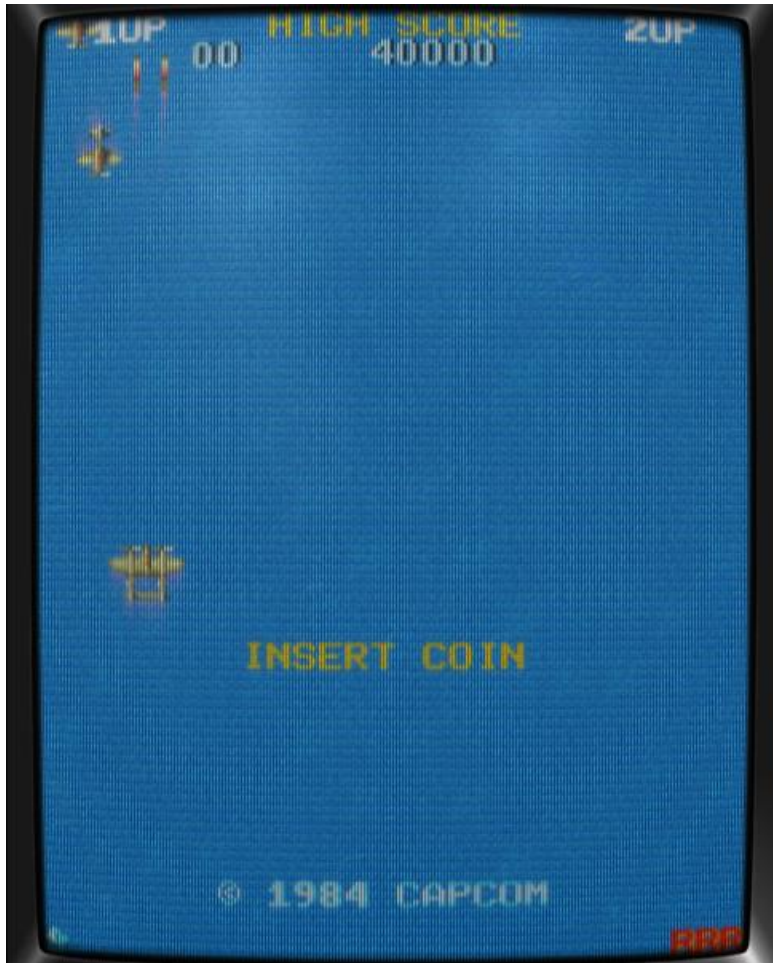

No side banners, no marquee... nothing but the main play screen.

7. Once MAME is configured to your liking, copy (not move), the contents of the MAME folder and sub-folders to a permanent location. Since I use STEAM for some games, I chose this location:

C:\Program Files (x86)\Steam\steamapps\common\MAME

While not necessarily an ideal location (DO NOT UNINSTALL STEAM!), this location will make it easier to follow along this lame tutorial...

Copy the contents of the 'temporary' MAME folder, example below, to...

... to this location:
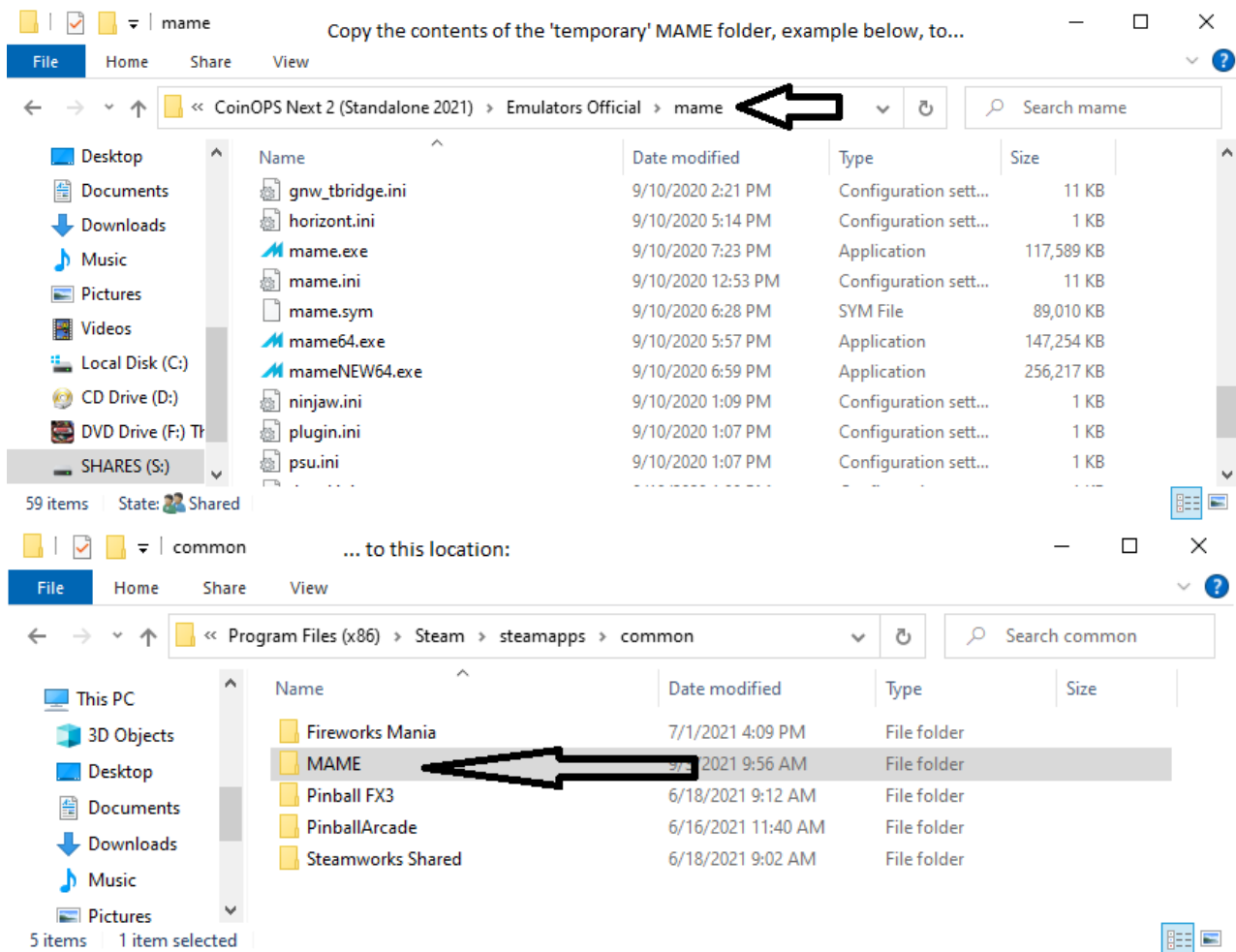
8. Save and close anything you are working on, and make sure you have exited Pinup Popper. Main playfield should still be oriented portrait at this time, meaning task bar / start menu at your belly.

9. Launch PinUP Popper Config, Popper Setup Tab, Then Click on the Emulators Button. The Emulator Setup Screen appears. Click on the plus button:
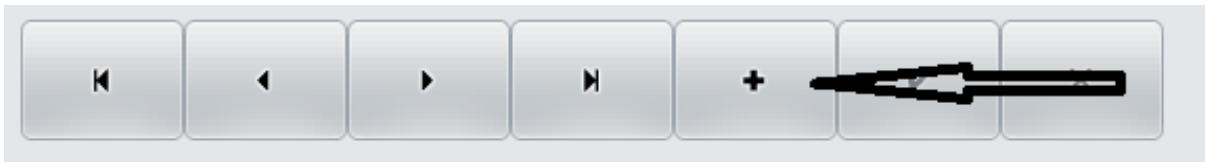
Create a 'new' emulator called MAME, and on the "General" tab, configure it like this:

| Name | MAME | Description | MAME |

ersafe) | MAME | ☑ Emulat

| Launch EXE Folder | C:\Program Files (x86)\Steam\steamapps\common\MAME |

| Games Folder | C:\Program Files (x86)\Steam\steamapps\common\MAME\roms |

| Games File Exenstion (zip,vpx) | zip |

| Roms Folder (optional) | |

| Media Dir (blank=default) | C:\vPinball\pinupsystem\POPMedia\MAME |

| Keep Displays On (0,1,2) | 1,2,3 | ☑ Use Safe Return (default off)

Click on the "Launch Setup" tab in the MAME Emulator setup and configure that page like this:
Change the paths according to YOUR setup!

Launch Script

```
START "" "[STARTDIR]Launch\VPXSTARTER.exe" 2 2 10 "MAME"

C:

cd "C:\Program Files (x86)\Steam\steamapps\common\MAME"

C:\Users\Owner\Downloads\co_cmd\changeorientation.lnk

ping -n 5 127.0.0.1 > nul

START "" "mame64.exe" "[GAMEFULLNAME]"
```

J]
ME]
M]
ULLNAME]
IAME]
XT]
DIR]
M1]
M2]
M3]
E]
DE]
DIR]
STID]
_field?]

pen Examples

Close Script

```
C:\Users\Owner\Downloads\co_cmd\changeorientation.lnk

ping 127.0.0.1 > nul

"[STARTDIR]LAUNCH\PUPCLOSER.EXE" PROC "mame64" 3 1
```
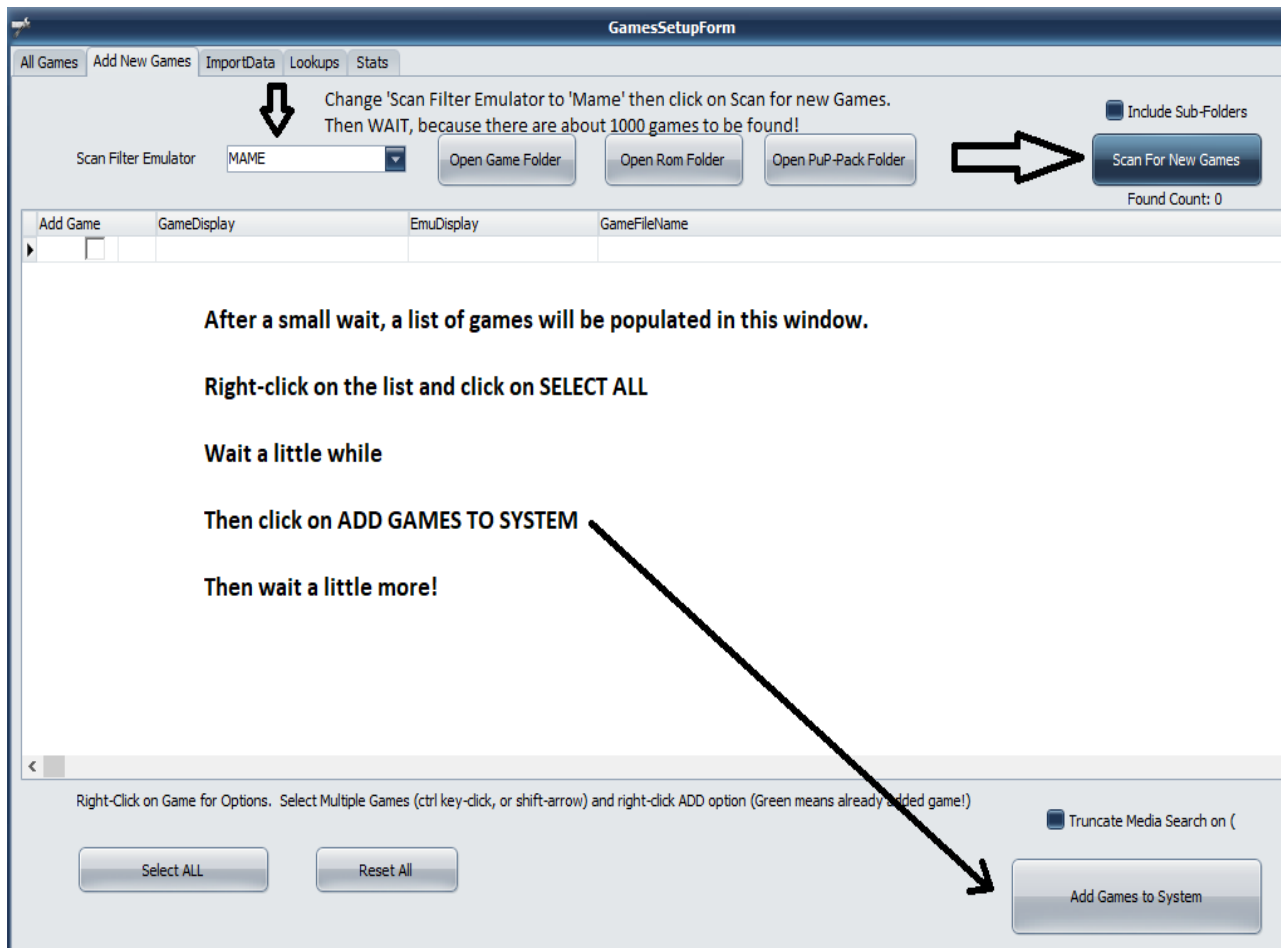
Once the launch screen is configured, SAVE your work by clicking on the Checkmark!:

Click on the close button.

10. Back at the PinUp Popper Setup Screen, click on the "Games Manager" tab, then Click on the Games Manager Button. Click on the "ADD NEW GAMES" tab:

Follow the instructions in this picture, then...

...click on the "All Games" Tab.

11. The all games screen appears.

Change Sort by to NAME

Filter Emulator to MAME

If all is well, the screen will look like the picture below

Click on SAVE

Click on CLOSE

Games | Add New Games | ImportData | Lookups | Stats

Sort By: Name

1. Status: Visible (Normal)

Search Game

Record Count: 1447

Filter Emulator: MAME

2. Screen Name: 10yard — Media

GameDisplay	EmuDisplay	DateAdded
▶ 10yard	MAME	8/29/2021 3:31:01 PM
1941	MAME	8/29/2021 8:09:48 AM
1942	MAME	8/29/2021 8:09:48 AM
1943	MAME	8/29/2021 8:09:49 AM
1943kai	MAME	8/29/2021 8:09:49 AM
1944	MAME	8/29/2021 8:09:49 AM
1945kiii	MAME	8/29/2021 8:09:49 AM
19xx	MAME	8/29/2021 3:31:01 PM
2020bb	MAME	8/29/2021 3:31:01 PM
3countb	MAME	8/29/2021 3:31:01 PM
3on3dunk	MAME	8/29/2021 3:31:01 PM
3stooges	MAME	8/29/2021 3:31:02 PM
3wonders	MAME	8/29/2021 3:31:02 PM
64street	MAME	8/29/2021 3:31:02 PM
720	MAME	8/29/2021 3:31:02 PM
88games	MAME	8/29/2021 3:31:02 PM
abcop	MAME	8/29/2021 3:31:03 PM
aburner	MAME	8/29/2021 3:31:03 PM
aburner2	MAME	8/29/2021 3:31:03 PM
aceattac	MAME	8/29/2021 3:31:03 PM
acrobatm	MAME	8/29/2021 3:31:04 PM
actfancr	MAME	8/29/2021 3:31:04 PM
ad2083	MAME	8/29/2021 3:31:04 PM
aerofgt	MAME	8/29/2021 3:31:05 PM
aerofgts	MAME	8/29/2021 3:31:05 PM
afighter	MAME	8/29/2021 3:31:05 PM
agallet	MAME	8/29/2021 3:31:05 PM
airass	MAME	8/29/2021 3:31:06 PM
airbustr	MAME	8/29/2021 3:31:06 PM
airduel	MAME	8/29/2021 3:31:06 PM
airwolf	MAME	8/29/2021 3:31:06 PM
ajax	MAME	8/29/2021 3:31:07 PM
akatana	MAME	8/29/2021 3:31:07 PM
alexkidd	MAME	8/29/2021 3:31:07 PM
alien3	MAME	8/29/2021 3:31:07 PM
aliencha	MAME	8/29/2021 3:31:07 PM
aliens	MAME	8/29/2021 3:31:08 PM
aliensyn	MAME	8/29/2021 3:31:08 PM
aligator	MAME	8/29/2021 3:31:08 PM
alpham2	MAME	8/29/2021 3:31:08 PM
alpine	MAME	8/29/2021 3:31:09 PM
altbeast	MAME	8/29/2021 3:31:09 PM
amazon	MAME	8/29/2021 3:31:10 PM
ambush	MAME	8/29/2021 3:31:10 PM
amidar	MAME	8/29/2021 3:31:10 PM
androdun	MAME	8/29/2021 3:31:10 PM

Game Emulator: MAME

Game FileName: 10yard — import

Media Search: [?]

Date:

# of Players: — Game Colour

My Rating (1-10):

Game Type:

Game Theme:

ROM:

Keep Displays ON: [?]

Tags:

Manufacturer:

Category:

Author:

FileName: 10yard.zip — Update [?]

Last file update:

☐ Add to Batch Record

File Version: — Game Volume: %

Custom Launch Param:

Custom Var #2:

Custom Var #3:

Alternate Launcher:

DOF command:

Alternate Run Modes:

Designed By:

3. GameDB Num:

4. Weblink:

Delete Game | Save | Close

12. At the pinup popper setup screen, click on the PLAYLIST CONFIG button.

Follow instructions in the picture and then click on the close button.

Lucky 13:

Copy the marquee artwork included with COINOPS/MAME to the popper/media/mame/backglass folder. (Change paths to the paths for YOUR install)
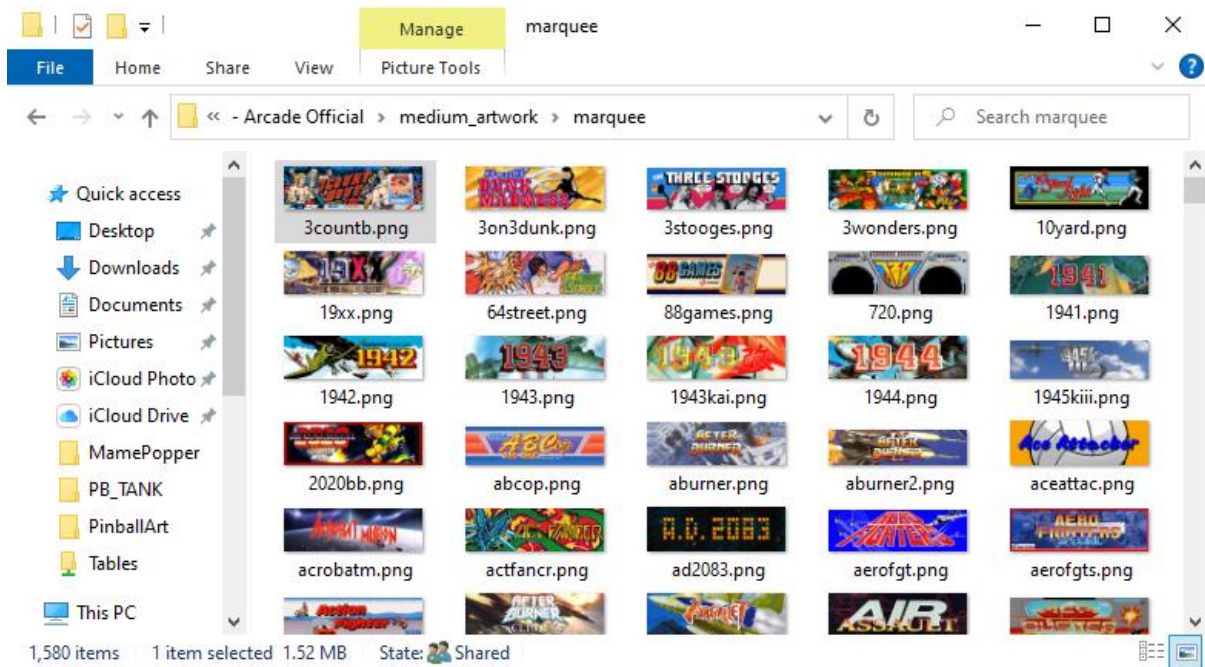
In your TEMPORARY COINOPS/MAME location, copy the contents of

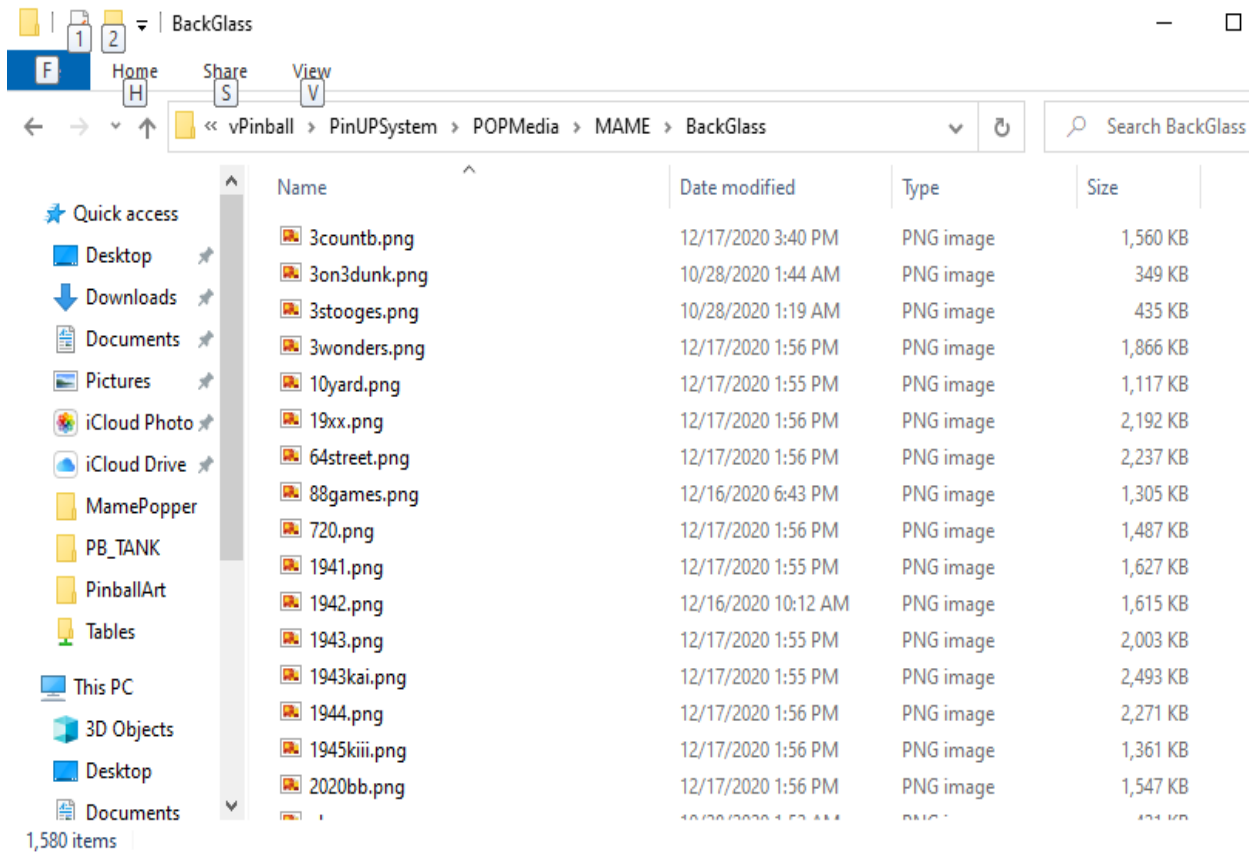CoinOPS Next 2 (Standalone 2021)\collections\- Arcade Official\medium_artwork\marquee

To

C:\vPinball\PinUPSystem\POPMedia\MAME\BackGlass

Example:

COPY the contents of your
(temporary) COIN-OPS\collections\- Arcade Official\medium_artwork\marquee
folder to...

Name	Date modified	Type	Size
3countb.png	12/17/2020 3:40 PM	PNG image	1,560 KB
3on3dunk.png	10/28/2020 1:44 AM	PNG image	349 KB
3stooges.png	10/28/2020 1:19 AM	PNG image	435 KB
3wonders.png	12/17/2020 1:56 PM	PNG image	1,866 KB
10yard.png	12/17/2020 1:55 PM	PNG image	1,117 KB
19xx.png	12/17/2020 1:56 PM	PNG image	2,192 KB
64street.png	12/17/2020 1:56 PM	PNG image	2,237 KB
88games.png	12/16/2020 6:43 PM	PNG image	1,305 KB
720.png	12/17/2020 1:56 PM	PNG image	1,487 KB
1941.png	12/17/2020 1:55 PM	PNG image	1,627 KB
1942.png	12/16/2020 10:12 AM	PNG image	1,615 KB
1943.png	12/17/2020 1:55 PM	PNG image	2,003 KB
1943kai.png	12/17/2020 1:55 PM	PNG image	2,493 KB
1944.png	12/17/2020 1:56 PM	PNG image	2,271 KB
1945kiii.png	12/17/2020 1:56 PM	PNG image	1,361 KB
2020bb.png	12/17/2020 1:56 PM	PNG image	1,547 KB

1,580 items

... C:\vpinball\PinUPSystem\POPMedia\MAME\Backglass
folder. This will result in Popper Auto-Magically displaying the MAME game's Marquee
Artwork on your backglass monitor.

You can verify this by opening popper config, Media Manager, changing the Filter Emulator to MAME, and taking note that the "Backglass" is green for all the MAME games.
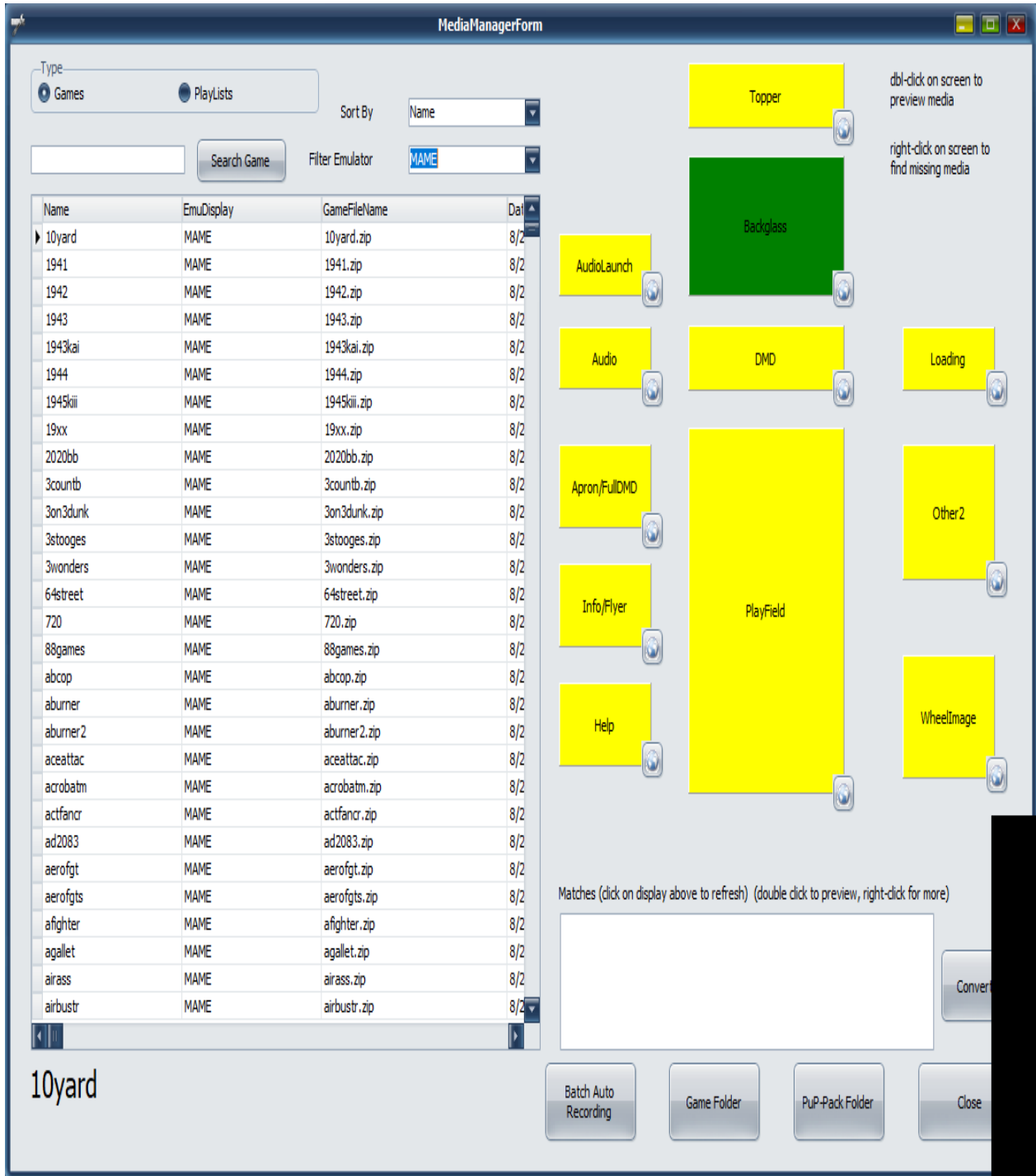
14. Find your local co.cmd and double-click on it to return your playfield orientation to landscape.

15. Restart your virtual Pinball Machine.

16. MAME should now appear in your PinUP Popper Playlist menu, with an insane amount of arcade games available on the MAME menu. Artwork for the game should appear on the backglass as you scroll through the MAME games on the wheel.

Note, odd screen rotations/jerking and delays ARE NORMAL when launching a MAME game with a not-necessarily-an-arcade-emulator front end such as PinUP popper. Be patient, wait a few moments after launching or exiting the arcade/MAME game and your screens will return to their normal orientation and popper menus will re-appear correctly.

This is a pre-alpha tutorial release by ButtFuzz. See beginning of document for praise, corrections or general malaise. Thanks.