ECWolf

> ECWolf is a port of the Wolfenstein 3D engine based of Wolf4SDL. It combines the original Wolfenstein 3D engine with the user experience of ZDoom to create the most user and mod author friendly Wolf3D source port.

Quote from https://bitbucket.org/ecwolf/ecwolf/src/master/README.md

ECWolf was constructed with GZDoom's API in mind, so their command syntax/configuration appear to be very similar, but cross-compatibility should not be assumed or expected. There will usually be specific commands/configs required for each system that corrupt/are incompatible with the other, resulting in issues.

This system scrapes metadata for the “ecwolf” group(s) and loads the `ecwolf` set from the currently selected theme, if available.

Grouped with the “ports” group of systems.



Quick reference

- **Emulator:** ecwolf
- **Folder:** `/userdata/roms/ecwolf`

- **Accepted ROM formats:** `.ecwolf`, `.pk3`, `.squashfs`

BIOS

No ECWolf emulator in Batocera needs a BIOS file to run.

ROMs

Install to `roms/ecwolf/`. Supports the original DOS executables (`wolf3d.exe`, `spear.exe`, etc.). Requires all supplementary files that were included with the original installation.

`1.x` mods may not be compatible with `2.x`, and vice versa. The philosophy on backwards mod compatibility going forward is TBA.

- GOG: Wolfenstein 3D + Spear of Destiny https://www.gog.com/game/wolfenstein_3d_and_spear_of_destiny
- Steam: Wolf Pack https://store.steampowered.com/sub/418/ Super 3-D Noah's Ark https://store.steampowered.com/app/371180/Super_3D_Noahs_Ark/
- 3d Realms: https://3drealms.com/catalog/wolfenstein-3d_25/
- itch.io: Wolfenstein 3D only https://wisdomtree.itch.io/s3dna
- Wolfenstein 3D Shareware: http://maniacsvault.net/ecwolf/files/shareware/wolf3d14.zip
- Spear of Destiny Demo: http://maniacsvault.net/ecwolf/files/shareware/soddemo.zip

How to install games

1. Put the game's folder in the `/roms/ecwolf` and add the extension `.ecwolf`
2. and inside that, the appropriate files: `.wl6` or `.wl1` or `.sod` or `.sdm`

For example: `/roms/ecwolf/Wolfenstein 3D.ecwolf/<.wl6 game files>`

More details at: http://maniacsvault.net/ecwolf/wiki/Game_data

```
/userdata/roms/ecwolf/Spear of Destiny.ecwolf/
                                              ├── audiohed.sod
                                              ├── audiot.sod
                                              ├── config.sod
                                              ├── gamemaps.sod
                                              ├── gamemaps.sd2
                                              ├── gamemaps.sd3
                                              ├── maphead.sod
                                              ├── maphead.sd2
                                              ├── maphead.sd3
                                              ├── vgadict.sod
                                              ├── vgagraph.sod
                                              ├── vgahead.sod
                                              ├── vswap.sod
                                              ├── vswap.sd2
```

```
                                                    └── vswap.sd3
/userdata/roms/ecwolf/Super 3D Noah's Ark.ecwolf/
                                                        ├── audiohed.wl6
                                                        ├── audiot.wl6
                                                        ├── config.wl6
                                                        ├── gamemaps.wl6
                                                        ├── maphead.wl6
                                                        ├── vgadict.wl6
                                                        ├── vgagraph.wl6
                                                        ├── vgahead.wl6
                                                        └──  vswap.wl6

/userdata/roms/ecwolf/Wolfenstein 3D.ecwolf/
                                                    ├── audiohed.wl6
                                                    ├── audiot.wl6
                                                    ├── config.wl6
                                                    ├── gamemaps.wl6
                                                    ├── maphead.wl6
                                                    ├── vgadict.wl6
                                                    ├── vgagraph.wl6
                                                    ├── vgahead.wl6
                                                    └── vswap.wl6
 ## Shareware

/userdata/roms/ecwolf/wolf3d14.ecwolf/
                                                ├── audiohed.wl1
                                                ├── audiot.wl1
                                                ├── config.wl1
                                                ├── gamemaps.wl1
                                                ├── maphead.wl1
                                                ├── vgadict.wl1
                                                ├── vgagraph.wl1
                                                ├── vgahead.wl1
                                                └── vswap.wl1


 ## Demo

/userdata/roms/ecwolf/soddemo.ecwolf/
                                                ├── audiohed.sdm
                                                ├── audiot.sdm
                                                ├── config.sdm
                                                ├── gamemaps.sdm
                                                ├── maphead.sdm
                                                ├── vgadict.sdm
                                                ├── vgagraph.sdm
                                                ├── vgahead.sdm
                                                └── vswap.sdm
```

Mods

ECWolf can run mods, but only ones that have no code changes.

1. Rename the mode files extension to one compatible with ECWolf: `.wl6`, `.wl1` or `.sod`
2. Install the mod to a ROM.
3. Enjoy!

e.g.: for the MOD Conflict In The Fatherland (1999), rename the files from `.bj2` to `.wl6`, add the game to `/userdata/roms/ecworlf/Conflict In The Fatherland.ecwolf/`, launch the game in Batocera, and select Wolfenstein 3D due to `.wl6` be a extension be related to the base game Wolfenstein 3D. Enjoy your MOD!

Mods: https://beta.wolf3d.net/engines/ECWolf/games

Compatbility

Supported:

- Spear of Destiny
- Spear of Destiny - UAC
- Super 3d Noah's Ark
- Wolfenstein 3D

Mods:

- Super 3d Noah's Ark
- Wolfenstein 3D + Spear of Destiny

Unsuported (currently):

- Corridor 7- Alien Invasion
- Operation Body Count

Emulators

ECWolf

ECWolf configuration

Standardized features available to all cores of this emulator: `ecwolf.videomode`, `ecwolf.padtokeyboard`

Controls

Here are the default ECWolf's controls shown on a Batocera Retropad:

Fix Me!

Troubleshooting

Further troubleshooting

For further troubleshooting, refer to the generic support pages.

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