

Essential Tools (Console-Specific)

This is for tools which pertain to specific systems.

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NES Tools

MESEN: An accurate emulator for NES with many debugging tools.

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GB/GBC Tools

BGB: An accurate emulator which supports Game Boy, Game Boy Color, and Super Game Boy.

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Super Game Boy Border Injector: Set custom palettes and border maps for GB games.

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SNES Tools

SNES9X: An emulator with a great mix of accuracy and performance, generally recommended for casual users.

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MESEN-S: An extremely accurate emulator with great debugging tools. Highly recommended for hacking purposes.

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ZSNES: Severely outdated and not recommended for casual usage, but helpful for running very old hacks (such as various Super Mario World hacks and Chrono Trigger: Prophet's Guile) which were made specifically for ZSNES.

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Advanced SNES ROM Utility: Edits basic header data such as the title, region, version, etc. Can fix broken CheckSums.

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TUSH: A tool for adding or removing copier headers from SNES ROMs.

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Lunar Address: A SNES address conversion tool with support for LoROM, HiROM, and more.

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SNESTilesKitten: A Snes tile viewer/importer/exporter

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Virtual Boy Tools

Mednafen: A multi-system emulator with a Virtual Boy core which boasts high compatibility. Can edit the Virtual Boy's screen colours.

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N64 Tools

ares: A multi-system emulator with a Nintendo 64 core which boasts high compatibility.

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GBA Tools

mGBA: A highly accurate emulator which supports Game Boy, Game Boy Color, Super Game Boy, and Game Boy Advance.

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GCN Tools

Dolphin: A GameCube emulator which boasts high accuracy.

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NDS Tools

melonDS: A modern fast and accurate DS emulator.

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SG-1000 Tools

BizHawk: A multi-system emulator with excellent Sega core support. Includes SMS Hawk and Genesis Plus GX cores for 8-bit/16-bit Sega emulation.

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Master System Tools

BizHawk: A multi-system emulator with excellent Sega core support. Includes SMS Hawk and Genesis Plus GX cores for 8-bit/16-bit Sega emulation.

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Genesis/SCD/32X Tools

BizHawk: A multi-system emulator with excellent Sega core support. Includes SMS Hawk and Genesis Plus GX cores for 8-bit/16-bit Sega emulation.

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ESE FixChecksum: A simple program to fix the CheckSum for modified Genesis ROMs.

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Gens KMod: An enhanced version of Gens with excellent debugging features for developers.

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GEMS: Genesis Editor for Music and Sound effects.

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Game Gear Tools

BizHawk: A multi-system emulator with excellent Sega core support. Includes SMS Hawk and Genesis Plus GX cores for 8-bit/16-bit Sega emulation.

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Pico Tools

PicoDrive: Stylus and turn page support.

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Saturn Tools

Mednafen: A multi-system emulator with a Saturn core which boasts high compatibility. By default it is a command-line emulator, but GUI add-ons can be found on GitHub.

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Sega Saturn Patcher: Mainly used for creating and applying hacks with the SSP format.

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Saturn Region Patcher: Patches Saturn area codes.

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Sega Saturn Film Tools: Extracts and replaces audio in Cinepak files.

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PCX to Saturn tools: Picture rebuilding tools.

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Dreamcast Tools

Redream: A modern Dreamcast emulator with great performance and compatibility.

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DEmul: A legacy emulator which may still be recommended for Sega NAOMI and its variants.

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Universal Dreamcast Patcher: Cross-format game patching solution.

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PS1 Tools

Mednafen: A multi-system emulator with a PS1 core which boasts high compatibility. By default it is a command-line emulator, but GUI add-ons can be found on GitHub.

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XEBRA: A PS1 emulator mostly notable for PocketStation support.

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PPF-O-Matic: Applies PPF files.

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jPSXdec: A cross-platform PlayStation 1 audio and video converter.

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PS2 Tools

PCSX2: The PS2 emulator of choice.

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PSP Tools

PPSSPP: The PSP emulator of choice.

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UMDGen: Edits PSP ISOs. PPF patches can be applied.

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PC Engine + CD Tools

Mednafen: A multi-system emulator with a PCE core which boasts high compatibility. Has a version of the core to prioritize performance over accuracy.

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