

Essential Tools (General)

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NOTICE

The most important tools here for casual users are the Online Patcher and Online Hasher which are the first two tools listed below.

Patching Tools

Online Patcher: Use this to easily patch your ROMs online. Includes CheckSum features and creator mode. If difficulty arises with zipped files, unzip the patch and ROM files.

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Online Hasher: Use this to read a ROM's data such as its database match and CRC32. Very useful for those wishing to patch a specific version of a game or create a new hack.

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Floating IPS: A newer alternative to Lunar IPS with the ability to patch multiple files at once among other features. Creator mode included.

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Lunar IPS: Use this to easily patch ROMs from an application window. Includes creator mode.

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beat: beat is the canonical tool for working with beat-protocol files. BPS patches can be any size unlike IPS which is 16 MB.

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xdelta UI: A program for patching xdelta files without the need of command-line usage. Creator mode included.

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Delta Patcher: An alternative to xdelta UI.

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Graphical Tools

YY-CHR: A multi-console program which offers graphical display and editing for ROM images. Useful for adjusting sprites in a hack or editing palette data.

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PalMod: A palette editor for a wide variety of games, mostly on arcade.

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Palette Converter: Converts palettes between 15bpp and 24bpp palettes.

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Hex Editing Tools

HxD: A commonly used hex editor.

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WindHex32: A great hex editor for thingy table support alone.

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monkey-moore: A relative searcher useful for editing text in a ROM. Helpful for Japanese scripts as well.

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Oriton: Generates thingy tables. Supports Unicode and hexadecimal values of different lengths.

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Table Auto-Generator: Unlike other table generators which generate hex values from user input, this immediately displays a set of common characters in English and Japanese. The user

can then manually fill in the hex value for each.

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Game Genie Good Guy: Patches Game Genie codes directly into a ROM.

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The Game Genie Encoder/Decoder Program: Decodes and encodes Game Genie codes for Nintendo, Super Nintendo, Genesis, Game Boy, and Game Gear game genres.

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CD/Archive Tools

CDmage: Helpful for converting files to BIN/CUE and merging BIN files.

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IsoBuster: Extracts data from ISOs.

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DAEMON Tools: Mounts and extracts ISOs.

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7-Zip: For packing and extracting zip files.

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Audio Tools

Audacity: The most popular audio editing and recording application.

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foobar2000: A popular application for file conversions.

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Video Tools

Loseless Cut: The swiss army knife of video and audio editing. Completely free and useful for replacing video/audio in a loseless manner.

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