NAME
wimlib-imagex-extract – Extract files or directories from a WIM image

SYNOPSIS
wimlib-imagex extract *WIMFILE IMAGE* [*PATH*...] [*OPTION*...]

DESCRIPTION
wimlib-imagex extract extracts one or more files or directory trees from the specified *IMAGE* contained in the Windows Imaging (WIM) file *WIMFILE*.

wimlib-imagex extract is intended for extracting only a subset of a WIM image. If you want to extract or "apply" a full WIM image to a directory or NTFS volume, use **wimlib-imagex apply** (1) instead.

IMAGE specifies the image in *WIMFILE* that contains the files or directory trees to extract. It may be a 1-based index of an image in the WIM or the name of an image in the WIM. Use the **wimlib-imagex info** (1) command to show what images a WIM file contains.

Each *PATH* specifies a file or directory tree within the WIM image to extract. See **PATH_SPECIFICA-TIONS**.

By default, files and directories are extracted to the current directory. Use **--dest-dir** to choose an alternate target directory. Alternatively, use **--to-stdout** to extract a file to standard output to pipe into another program.

wimlib-imagex extract supports extracting files and directory trees from stand-alone WIMs as well as split WIMs. See **SPLIT WIMS**.

PATH SPECIFICATIONS
Each *PATH* specifies a file or directory tree within the WIM image to extract. Each path must be specified as an absolute path starting from the root of the WIM image, like those output by the **wimlib-imagex dir** (1) command. However, path separators may be either forward or backward slashes, and the leading slash is optional; also, on Windows, the paths are treated case-insensitively, while on UNIX, paths are treated case-sensitively.

If no *PATH*s are provided, the default behavior is to extract the full image, as if the path "/" had been provided.

SPLIT WIMS
You may use **wimlib-imagex extract** to extract files or directory trees from a split WIM. This uses the **--refs**="*GLOB*" option in the same way as in other commands such as **wimlib-imagex apply**. See **wimlib-imagex apply** (1) for more details.

OPTIONS
--check
> When reading *WIMFILE*, verify its integrity if an integrity table is present.

--ref="*GLOB*"
> File glob of additional split WIM parts that are part of the split WIM. See **SPLIT_WIMS**.

--verbose
> Print the path of each file or directory within the WIM image as it is extracted.

--unix-data
> See the documentation for this option in **wimlib-imagex-apply** (1).

--no-acls
> See the documentation for this option in **wimlib-imagex-apply** (1).

--strict-acls
> See the documentation for this option in **wimlib-imagex-apply** (1).

--include-invalid-names
> See the documentation for this option in **wimlib-imagex-apply** (1).

--to-stdout

    Extract the files to standard output instead of to the filesystem. This can only be provided if all the specified *PATH*s are to regular files (not directories or reparse points). If present, alternate data streams are not extracted.

--dest-dir=*DIR*

    Extract the files and directories to the directory *DIR* instead of to the current working directory.

NOTES

See the documentation **wimlib-imagex apply** (1) for documentation about what data and metadata are extracted on UNIX versus on Windows.

On UNIX, one can alternatively mount the WIM image with **wimlib-imagex mount** and then extract the desired files or directories using any standard command-line or graphical program.

Reparse-point fixups (a.k.a. changing absolute symbolic links and junctions to point within the extraction location) are never done by **wimlib-imagex extract**. Use **wimlib-imagex apply** if you want this behavior.

Unlike **wimlib-imagex apply**, **wimlib-imagex extract** does not support extracting files directly to a NTFS volume using libntfs-3g.

EXAMPLES

Extract a file from the first image in "boot.wim" to the current directory:

    wimlib-imagex extract boot.wim 1 /Windows/System32/notepad.exe

Extract a file from the first image in "boot.wim" to standard output:

    wimlib-imagex extract boot.wim 1 /Windows/System32/notepad.exe --to-stdout

Extract a file from the first image in "boot.wim" to the specified directory:

    wimlib-imagex extract boot.wim 1 /Windows/System32/notepad.exe --dest-dir=somedir

Extract the "sources" directory from the first image in "boot.wim" to the current directory:

    wimlib-imagex extract boot.wim 1 /sources

Extract multiple files and directories in one command:

    wimlib-imagex extract boot.wim 1 /Windows/Fonts /sources /Windows/System32/cmd.exe

SEE ALSO

wimlib-imagex(1) **wimlib-imagex-apply**(1) **wimlib-imagex-dir**(1) **wimlib-imagex-info**(1) **wimlib-imagex-mount**(1)