

**NAME**

wimlib-imagex-verify – Verify a WIM file

**SYNOPSIS**

**wimlib-imagex verify** *WIMFILE* [*OPTION...*]

**DESCRIPTION**

**wimlib-imagex verify** checks the validity of the specified WIM archive. This command is also available as simply **wimverify** if the appropriate hard link or batch file has been installed.

Specifically, this command performs the following verifications on the WIM archive:

- Verify that the WIM file can be successfully opened, which involves parsing the header, lookup table, and XML data.
- If the WIM archive contains an integrity table, verify the integrity of the entire WIM archive. Otherwise, print a warning.
- Verify that the metadata for each image in the WIM archive can be successfully parsed.
- Verify that all files needed by each image are actually contained in the WIM archive or in one of the WIM archives referenced by the **--ref** option.
- Verify that all files contained in the WIM archive can be successfully decompressed, with matching cryptographic checksums.

**OPTIONS**

**--ref**="*GLOB*"

File glob of additional WIMs or split WIM parts to reference resources from. This option can be specified multiple times. Note: *GLOB* is listed in quotes because it is interpreted by **wimlib-imagex** and may need to be quoted to protect against shell expansion.

**NOTES**

This is a read-only command. It will never modify the WIM file.

In the future, this command might do more thorough verifications than it does now.

**EXAMPLES**

Verify the WIM file 'boot.wim':

```
wimverify boot.wim
```

Verify the split WIM file consisting of 'boot.swm', 'boot2.swm', 'boot3.swm', ...:

```
wimverify boot.swm --ref="boot*.swm"
```

**SEE ALSO**

**wimlib-imagex(1)** **wimlib-imagex-optimize(1)**