

**NAME**

wimverify – Verify a WIM archive

**SYNOPSIS**

**wimverify** *WIMFILE* [*OPTION...*]

**DESCRIPTION**

**wimverify** (or equivalently **wimlib-imagex verify**) checks the validity and integrity of the specified WIM archive.

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

- Verify that the WIM can be successfully opened, which involves parsing the header, blob table, and XML data.
- If the WIM contains extra integrity information, verify the integrity of the entire WIM.
- Verify that the metadata for each image in the WIM can be successfully parsed.
- Verify that all files needed by each image are actually contained in the WIM or in one of the WIMs referenced by the **--ref** option.
- Verify that all files contained in the WIM can be successfully decompressed, with matching 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 **wimverify** and may need to be quoted to protect against shell expansion.

**--nocheck**

Do not verify the WIM's integrity using the extra integrity information (the integrity table).

**NOTES**

**wimverify** is a read-only operation; it does not modify the WIM file.

Even if the WIM does not contain extra integrity information (e.g. generated with the **--check** option to **wimcapture**), **wimverify** may still be quite useful because all file data is still checksummed.

In the future, **wimverify** 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)**