

- **uncompress**: uncompress stream data compressed with generalized filters when possible; equivalent to **--compress-streams=n --decode-level=generalized**

--normalize-content=[yn]

Enables or disables normalization of content streams. Content normalization is enabled by default in QDF mode. Please see [Chapter 4, QDF Mode, page 22](#) for additional discussion of QDF mode.

--object-streams=mode

Controls handling of object streams. The value of *mode* may be one of the following:

- **preserve**: preserve original object streams (default)
- **disable**: don't write any object streams
- **generate**: use object streams wherever possible

--preserve-unreferenced

Tells qpdf to preserve objects that are not referenced when writing the file. Ordinarily any object that is not referenced in a traversal of the document from the trailer dictionary will be discarded. This may be useful in working with some damaged files or inspecting files with known unreferenced objects.

This flag is ignored for linearized files and has the effect of causing objects in the new file to be written in order by object ID from the original file. This does not mean that object numbers will be the same since qpdf may create stream lengths as direct or indirect differently from the original file, and the original file may have gaps in its numbering.

See also **--preserve-unreferenced-resources**, which does something completely different.

--preserve-unreferenced-resources

Starting with qpdf 8.1, when splitting pages, qpdf ordinarily attempts to remove images and fonts that are not used by a page even if they are referenced in the page's resources dictionary. This option suppresses that behavior. The only reason to use this is if you suspect that qpdf is removing resources it shouldn't be removing. If you encounter that case, please report it as a bug.

See also **--preserve-unreferenced**, which does something completely different.

--newline-before-endstream

Tells qpdf to insert a newline before the `endstream` keyword, not counted in the length, after any stream content even if the last character of the stream was a newline. This may result in two newlines in some cases. This is a requirement of PDF/A. While qpdf doesn't specifically know how to generate PDF/A-compliant PDFs, this at least prevents it from removing compliance on already compliant files.

--linearize-pass1=file

Write the first pass of linearization to the named file. The resulting file is not a valid PDF file. This option is useful only for debugging *QPDFWriter*'s linearization code. When qpdf linearizes files, it writes the file in two passes, using the first pass to calculate sizes and offsets that are required for hint tables and the linearization dictionary. Ordinarily, the first pass is discarded. This option enables it to be captured.

--coalesce-contents

When a page's contents are split across multiple streams, this option causes qpdf to combine them into a single stream. Use of this option is never necessary for ordinary usage, but it can help when working with some files in