

oi-min-width, **--oi-min-height**, and **--oi-min-area** options. By default, starting in qpdf 8.4, inline images are converted to regular images and optimized as well. Use **--keep-inline-images** to prevent inline images from being included.

--oi-min-width=width

Avoid optimizing images whose width is below the specified amount. If omitted, the default is 128 pixels. Use 0 for no minimum.

--oi-min-height=height

Avoid optimizing images whose height is below the specified amount. If omitted, the default is 128 pixels. Use 0 for no minimum.

--oi-min-area=area-in-pixels

Avoid optimizing images whose pixel count (width \times height) is below the specified amount. If omitted, the default is 16,384 pixels. Use 0 for no minimum.

--externalize-inline-images

Convert inline images to regular images. By default, images whose data is at least 1,024 bytes are converted when this option is selected. Use **--ii-min-bytes** to change the size threshold. This option is implicitly selected when **--optimize-images** is selected. Use **--keep-inline-images** to exclude inline images from image optimization.

--ii-min-bytes=bytes

Avoid converting inline images whose size is below the specified minimum size to regular images. If omitted, the default is 1,024 bytes. Use 0 for no minimum.

--keep-inline-images

Prevent inline images from being included in image optimization. This option has no affect when **--optimize-images** is not specified.

--qdf

Turns on QDF mode. For additional information on QDF, please see [Chapter 4, QDF Mode](#), page 22.

--min-version=version

Forces the PDF version of the output file to be at least *version*. In other words, if the input file has a lower version than the specified version, the specified version will be used. If the input file has a higher version, the input file's original version will be used. It is seldom necessary to use this option since qpdf will automatically increase the version as needed when adding features that require newer PDF readers.

The version number may be expressed in the form *major.minor.extension-level*, in which case the version is interpreted as *major.minor* at extension level *extension-level*. For example, version 1.7.8 represents version 1.7 at extension level 8. Note that minimal syntax checking is done on the command line.

--force-version=version

This option forces the PDF version to be the exact version specified *even when the file may have content that is not supported in that version*. The version number is interpreted in the same way as with **--min-version** so that extension levels can be set. In some cases, forcing the output file's PDF version to be lower than that of the input file will cause qpdf to disable certain features of the document. Specifically, 256-bit keys are disabled if