

3.0.1: August 11, 2012

- Version 3.0.0 included addition of files for **pkg-config**, but this was not mentioned in the release notes. The release notes for 3.0.0 were updated to mention this.
- Bug fix: if an object stream ended with a scalar object not followed by space, qpdf would incorrectly report that it encountered a premature EOF. This bug has been in qpdf since version 2.0.

3.0.0: August 2, 2012

- Acknowledgment: I would like to express gratitude for the contributions of Tobias Hoffmann toward the release of qpdf version 3.0. He is responsible for most of the implementation and design of the new API for manipulating pages, and contributed code and ideas for many of the improvements made in version 3.0. Without his work, this release would certainly not have happened as soon as it did, if at all.
- *Non-compatible API change:* The version of `QPDFObjectHandle::replaceStreamData` that uses a **StreamDataProvider** no longer requires (or accepts) a *length* parameter. See [Appendix C, Upgrading to 3.0](#), page 63 for an explanation. While care is taken to avoid non-compatible API changes in general, an exception was made this time because the new interface offers an opportunity to significantly simplify calling code.
- Support has been added for large files. The test suite verifies support for files larger than 4 gigabytes, and manual testing has verified support for files larger than 10 gigabytes. Large file support is available for both 32-bit and 64-bit platforms as long as the compiler and underlying platforms support it.
- Support for page selection (splitting and merging PDF files) has been added to the **qpdf** command-line tool. See [Section 3.5, “Page Selection Options”](#), page 10.
- Options have been added to the **qpdf** command-line tool for copying encryption parameters from another file. See [Section 3.3, “Basic Options”](#), page 4.
- New methods have been added to the **QPDF** object for adding and removing pages. See [Section 7.8, “Adding and Removing Pages”](#), page 33.
- New methods have been added to the **QPDF** object for copying objects from other PDF files. See [Section 7.10, “Copying Objects From Other PDF Files”](#), page 34.
- A new method `QPDFObjectHandle::parse` has been added for constructing **QPDFObjectHandle** objects from a string description.
- Methods have been added to **QPDFWriter** to allow writing to an already open stdio `FILE*` addition to writing to standard output or a named file. Methods have been added to **QPDF** to be able to process a file from an already open stdio `FILE*`. This makes it possible to read and write PDF from secure temporary files that have been unlinked prior to being fully read or written.
- The `QPDF::emptyPDF` can be used to allow creation of PDF files from scratch. The example `examples/pdf-create.cc` illustrates how it can be used.
- Several methods to take **PointerHolder<Buffer>** can now also accept `std::string` arguments.
- Many new convenience methods have been added to the library, most in **QPDFObjectHandle**. See *ChangeLog* for a full list.
- When building on a platform that supports ELF shared libraries (such as Linux), symbol versions are enabled by default. They can be disabled by passing **--disable-ld-version-script** to `./configure`.
- The file `libqpdf.pc` is now installed to support **pkg-config**.