

You can also run **make check** to run the test suite and **make install** to install. Please run **./configure --help** for options on what can be configured. You can also set the value of *DESTDIR* during installation to install to a temporary location, as is common with many open source packages. Please see also the *README.md* and *INSTALL* files in the source distribution.

Building on Windows is a little bit more complicated. For details, please see *README-windows.md* in the source distribution. You can also download a binary distribution for Windows. There is a port of qpdf to Visual C++ version 6 in the *contrib* area generously contributed by Jian Ma. This is also discussed in more detail in *README-windows.md*.

There are some other things you can do with the build. Although qpdf uses autoconf, it does not use automake but instead uses a hand-crafted non-recursive Makefile that requires gnu make. If you're really interested, please read the comments in the top-level *Makefile*.

2.3. Notes for Packagers

If you are packaging qpdf for an operating system distribution, here are some things you may want to keep in mind:

- Passing **--enable-show-failed-test-output** to **./configure** will cause any failed test output to be written to the console. This can be very useful for seeing test failures generated by autobuilders where you can't access qtest.log after the fact.
- If qpdf's build environment detects the presence of autoconf and related tools, it will check to ensure that automatically generated files are up-to-date with recorded checksums and fail if it detects a discrepancy. This feature is intended to prevent you from accidentally forgetting to regenerate automatic files after modifying their sources. If your packaging environment automatically refreshes automatic files, it can cause this check to fail. Suppress qpdf's checks by passing **--disable-check-autofiles** to **./configure**. This is safe since qpdf's **autogen.sh** just runs autotools in the normal way.
- QPDF's **make install** does not install completion files by default, but as a packager, it's good if you install them wherever your distribution expects such files to go. You can find completion files to install in the *completions* directory.
- Packagers are encouraged to install the source files from the *examples* directory along with qpdf development packages.