

# Accept or Remove Cookies Notice on converting HTML to PDF with PyQt5 QtWebEngineWidgets

Asked 1 year, 5 months ago   Modified 1 year, 5 months ago   Viewed 200 times

I'm successfully converting HTML to PDF (or print to pdf). However, Cookies and Privacy Policy notices are printed at the bottom of each page. How do I remove this notice or accept cookies? (solutions for any website domain)

0

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Firefox 30 ignores `autocomplete="off"` for passwords, opting to prompt the user instead whether the password should be stored on the client. Note the following [commentary](#) from May 5, 2014:

2760

- The password manager *always* prompts if it wants to save a password. Passwords are not saved without permission from the user.

## Your privacy

By clicking "Accept all cookies", you agree Stack Exchange can store cookies on your device and disclose information in accordance with our [Cookie Policy](#).

Accept all cookies

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```
import os
import sys
from PyQt5 import QtCore, QtWidgets, QtWebEngineWidgets

def html_to_pdf(html, pdf):
    app = QtWidgets.QApplication(sys.argv)

    page = QtWebEngineWidgets.QWebEnginePage()

    def handle_print_finished(filename, status):
        print("finished", filename, status)
        QtWidgets.QApplication.quit()

    def handle_load_finished(status):
        if status:
            page.printToPdf(pdf)
        else:
            print("Failed")
            QtWidgets.QApplication.quit()

    page.pdfPrintingFinished.connect(handle_print_finished)
    page.loadFinished.connect(handle_load_finished)
    page.setUrl(QtCore.QUrl(html))
    app.exec_()

if __name__ == "__main__":
    html_to_pdf("https://stackoverflow.com/questions/2530/how-do-you-disable-browser-autocomplete-on-web-form-field-input-tag?rq=1", "test.pdf")
```

python   pyqt5   html-to-pdf   qtwebengine   printtopdf



1 Answer

Sorted by:

Highest score (default)



A possible solution is to implement a Js script that clicks the button like the following example:

```
import os
import sys
from PyQt5 import QtCore, QtWidgets, QtWebEngineWidgets

def html_to_pdf(html, pdf):
    app = QtWidgets.QApplication(sys.argv)

    page = QtWebEngineWidgets.QWebEnginePage()

    def handle_print_finished(filename, status):
        print("finished", filename, status)
        QtWidgets.QApplication.quit()

    def handle_load_finished(status):
        if status:
            execute_js()
        else:
            print("Failed")
            QtWidgets.QApplication.quit()

    def handle_run_js(status):
        if status:
            QtCore.QTimer.singleShot(1000, print_pdf)
        else:
            QtCore.QTimer.singleShot(1000, execute_js)

    def execute_js():
        page.runJavaScript(
            """
            (function () {
                var elements = document.getElementsByClassName("js-consent-
banner-hide")
                if(elements.length > 0){
                    elements[0].click()
                    return true;
                }
                return false;
            })();
            """,
            handle_run_js,
        )

    def print_pdf():
        page.printToPdf(pdf)

    page.pdfPrintingFinished.connect(handle_print_finished)
    page.loadFinished.connect(handle_load_finished)
    page.setUrl(QtCore.QUrl(html))
    app.exec_()

if __name__ == "__main__":
    html_to_pdf(
        "https://stackoverflow.com/questions/2530/how-do-you-disable-browser-
```

```
autocomplete-on-web-form-field-input-tag?rq=1",
    "test.pdf",
)
```

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answered Jul 13, 2021 at 15:18



[eyllanesc](#)

228k ● 18 ● 145 ● 214

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This solution works, but only for the StackOverflow domain. It is partially useful for me, thanks! Any idea for a generic solution for any website? Can QtWebEngineWidgets accept/ignore all cookies automatically?

– [Alexandre Strapacao G. Vianna](#) Jul 13, 2021 at 15:32

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@AlexandreStrapacaoG.Vianna There is no generic method since for security reasons you must click on the button. If you find a button in class or name of the buttons then you could apply my solution. – [eyllanesc](#) Jul 13, 2021 at 15:37

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Got it! @eyllanesc – [Alexandre Strapacao G. Vianna](#) Jul 13, 2021 at 15:58

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Something is wrong, Now I'm getting this error msg: js: A cookie associated with a cross-site resource at [yahoo.com](#) was set without the `SameSite` attribute. A future release of Chrome will only deliver cookies with cross-site requests if they are set with `SameSite=None` and `Secure`. You can review cookies in developer tools under Application>Storage>Cookies and see more details at [chromestatus.com/feature/5088147346030592](#) and [chromestatus.com/feature/5633521622188032](#). js: A cookie associated with a cross-site resource at [everesttech.net](#) was set w... – [Alexandre Strapacao G. Vianna](#) Jul 13, 2021 at 18:51

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