

Student Assistant (m/f/)*

Paid Open Source Work: XFA Support for poppler PDF library

Modern businesses and governments run on PDF, not only for sharing documents, but also for filling out forms. These forms are often times made with a proprietary tool, using the XML Form Architecture (XFA) for PDF.

Unfortunately, there is currently no open source tool available that correctly handles these XFA forms. Indeed, there has been a feature request open since 2008 to add XFA support for the very popular *poppler* PDF library¹.

Task Description

Your job is to start an implementation for XFA support in poppler, and, if necessary, to add functionality to Okular or papers, such that these PDF viewers support XFA forms. You will be coordinating this with both freedesktop/poppler and the PDF viewer maintainers of your liking.

Requirements

- High motivation and ability to work independently
- Interest in Open Source development and processes – some experience would be beneficial
- Proficiency in C / C++
- Some experience with PDF internals would be beneficial

Contact

Location is flexible between our offices in Weiden in der Oberpfalz and Garching. Please send your application with current CV and transcript of records to:

Katharina Bogad

Fraunhofer Institute for Applied and Integrated Security (AISEC)
Secure Operating Systems
Lichtenbergstr. 11, 85748 Garching near Munich
Mail: katharina.bogad@aisec.fraunhofer.de
Phone: +49 89 322 9986-1020

Daniel Loebenberger

Fraunhofer Institute for Applied and Integrated Security (AISEC)
Secure Infrastructure
Hermann-Brenner-Platz 1, 92637 Weiden i.d.OPf.
Mail: daniel.loebenberger@aisec.fraunhofer.de

¹<https://gitlab.freedesktop.org/poppler/poppler/-/issues/530>