

PDFKeeper 6.0.0 Release Plan

PDFKeeper 6.0.0 will be a major release focusing on architectural changes, improvements, and fixes.

Architectural Changes:

- Solution will be upgraded to Visual Studio 2019.
- .NET Framework 4.8 will be targeted when building application and be a prerequisite.
- 32-bit support will be discontinued.

Project Maintenance:

- Copyright will be updated for 2020 throughout the entire solution.
- Primary application description will be changed to **Open Source PDF Document Storage and Management** and the secondary description will be changed to **PDFKeeper is free, open source software that integrates with a compatible database to provide a centralized storage and management solution for PDF documents** throughout the application and on all sites.
- Application source code folder structure will be reorganized and classes and interfaces will be better named to align with the MVP (Model-View-Presenter) pattern.
- New Build Instructions will instruct the developer to use Manage Extensions in Visual Studio to install WiX Toolset Build Tools, Wix Toolset Visual Studio 2019 Extension, and Wax.

Changes and Improvements:

- The User Interface will be redesigned to provide flexible searching and to reduce tab selecting.
 - Search options will be on the top left of the form allowing searching by one or more search options (Search String, Author, Subject, Category, and/or Date Added) or the user can query flagged or all document records.
 - Search Results will be on the top right of the form.
 - Notes, Keywords, and Text will be on the bottom left of the form.
 - Preview will be on the bottom right of the form.
- Upload Service will be modified to copy each PDF in the Upload folder to **<original filename>-<GUID>.pdf** and rename to **<original filename>.delete** to avoid file in use prompt.
- **Third-Party Components** help topic will be renamed to **Third-Party Attribution** and the introduction will be changed to **This version of PDFKeeper uses third-party libraries or other resources that may be distributed under licenses different than the PDFKeeper software.**
- Open Source Initiative and GPLv3 logos will be added to the Welcome page in the help file.

Database Compatibility and Support:

- Oracle Database 11g Express Edition compatibility testing will be discontinued.

Issues and Bugs to be Fixed:

- **Access to the path <PDF_PATH_NAME> is denied** when a document is selected in Search Results following PDFKeeper being closed while Sumatra PDF was displaying one or more selected PDF documents and PDFKeeper was opened again without closing Sumatra PDF first.
- Unhandled Oracle Exception when the Upload Service is trying to process a PDF that was moved from the Upload folder to the Upload Staging folder that is missing one or more required information property values (Title, Author, Subject).