

Sumatra PDF, also known simply as Sumatra, is a free, open source, lightweight PDF reader for Microsoft Windows, written by Krzysztof Kowalczyk.

The first version of Sumatra, designated version 0.1, was based on Xpdf 0.2 and was released on 1 June 2006. Version 1.0 was released on 17 November 2009 after more than three years of cumulative development.

Features

Sumatra has a minimalistic design, with its simplicity attained at the expense of extensive features. It uses the MuPDF PDF rendering library.

Sumatra was designed for portable use, as it consists of one single file with no external dependencies, making it usable from an external USB drive. This classifies it as a portable application. As is characteristic of many portable applications, Sumatra takes up little disk space. It has a 1.7 MB setup file, compared to Adobe Reader's 40.5 MB, for Windows 7. Installed size is also 1.7 MB, whereas Adobe Reader requires 335 MB of available disk space.

Sumatra does not lock the PDF file. Without closing the PDF file, a user can recompile the text document and generate a new PDF file and then press the R key to refresh the PDF document.

Printing is achieved in Sumatra by transforming each PDF page into a bitmap image. This results in very large spool files and potentially slow printing on printers with little memory. Sumatra 0.5 and earlier versions can print PDFs that have disallowed printing. This feature has been removed from the newer versions.

Since Sumatra 0.9.1 hyperlinks embedded in PDF documents are also supported.

Sumatra is multilingual, with 69 community-contributed translations.

Sumatra supports SyncTeX, a bidirectional method for synchronizing TeX source and PDF output produced by pdfTeX or XeTeX. Since version 0.9.4, Sumatra supports the JPEG 2000 format.