



# mPDF

## Overview

**mPDF** is a PHP class which generates PDF files from UTF-8 encoded HTML. It is based on FPDF and HTML2FPDF, with a number of enhancements. **mPDF** was written by Ian Back and is released under the GNU GPL v2 licence.

**mPDF** is manually installable in Tiki since Tiki 15.2. Since Tiki18 you can install **mPDF** with the new **Packages** feature from the Tiki admin panel in a few clicks.

### More info

Github <https://github.com/mpdf/mpdf>

Documentation <https://mpdf.github.io/>

### PDF Output of Tiki content with 'mPDF'

All Free / Libre / Open Source PDF generation solutions were analyzed and mPDF was selected as the overall best solution for deep integration in Tiki. The main reasons are:

1. Vast feature set: The `mpdfmanual.pdf` (8 megs download) is over 600 pages!
2. It's written in PHP (like Tiki) so it eases deployment, facilitates integration and makes it easier for the Tiki community to contribute.
3. The approach is to convert HTML to PDF (other approaches would have been more complex / less suitable for the Tiki context)
4. Strong multilingual support: Some of the other good solutions didn't support all languages. And thus, it would have forced us to have a second solution for these languages, which would have fragmented the efforts.

Since the GNU GPL v2 licence is not compatible with Tiki's LGPL licence, we cannot ship **mPDF** with the source code

as part of Tiki. Integration code has been added to Tiki, and you can install mPDF via Packages in Tiki18.

See also:

- <http://wikisuite.org/blogpost10-mPDF-7-0-0-Released>
  - <http://wikisuite.org/blogpost5-Tiki17-makes-collaborative-digital-publishing-a-breeze>
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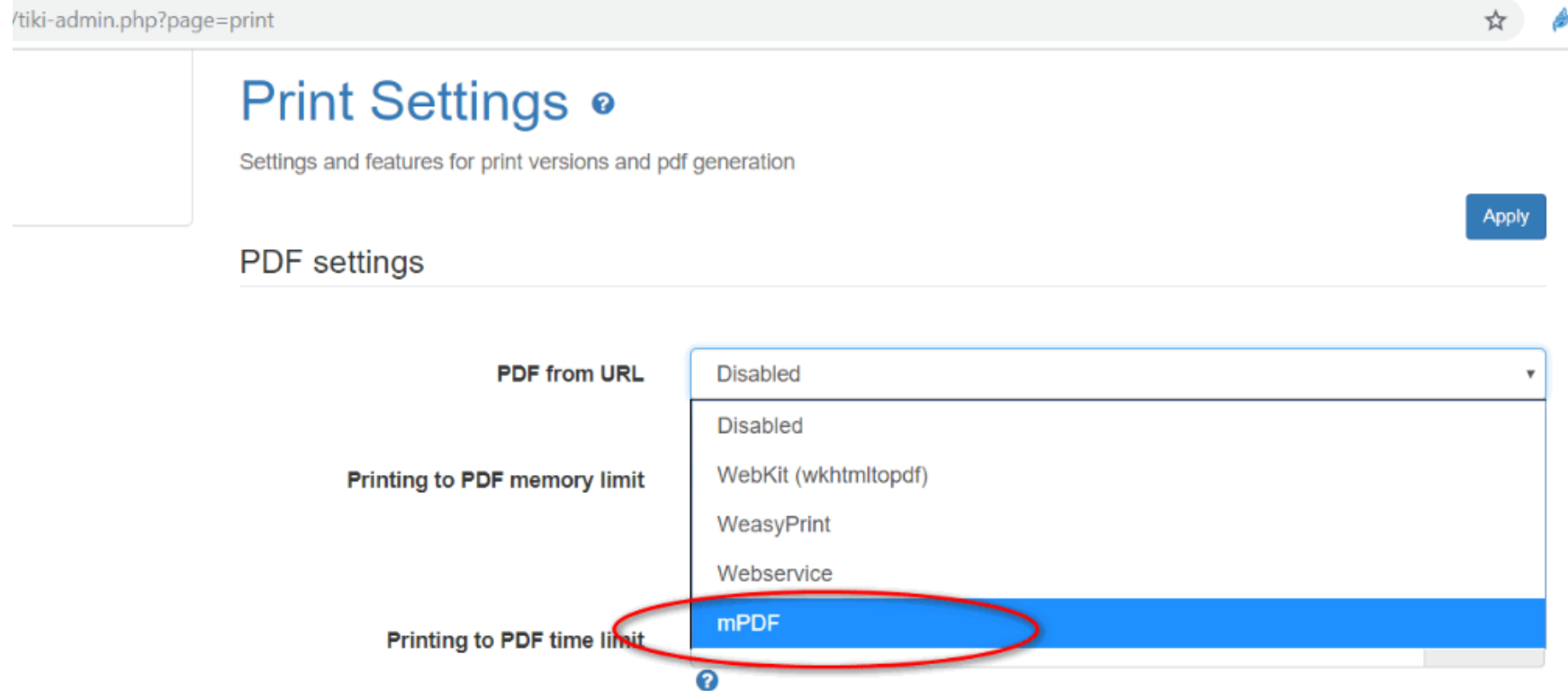
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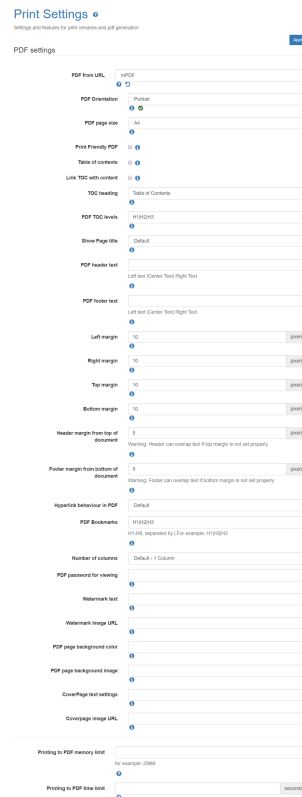
# Installation

1. Enable **mPDF** in Tiki: login to your Tiki and go to `example.org/tiki-admin.php?page=print` and set the following preference: PDF from URL: mPDF
2. If mPDF is not installed, you can install mPDF via the Composer Web Installer



# Configuration

**mPDF** works well with Tiki out-of-the-box even on average shared hosting. There are many options at [tiki-admin.php?page=print](http://tiki-admin.php?page=print), most of which can be overridden page by page via PluginPDF



The screenshot shows the 'Print Settings' configuration page in Tiki. The page title is 'Print Settings' with a subtitle 'Settings and headers for print-enabled and pdf generation'. Below the title is a 'PDF settings' section with a 'Save' button. The settings are organized into several groups:

- PDF from URL:** A dropdown menu set to 'mPDF'.
- PDF Orientation:** A dropdown menu set to 'Portrait'.
- PDF page size:** A dropdown menu set to 'A4'.
- Print Friendly PDF:** A checkbox that is checked.
- Table of contents:** A checkbox that is checked.
- Link TOC with content:** A checkbox that is checked.
- TOC heading:** A text input field containing 'Table of Contents'.
- PDF TOC levels:** A text input field containing 'H1:H2:H3'.
- Show Page title:** A dropdown menu set to 'Default'.
- PDF header text:** A text input field containing 'Left text | Center text | Right text'.
- PDF footer text:** A text input field containing 'Left text | Center text | Right text'.
- Margins:** A series of input fields for 'Left margin', 'Right margin', 'Top margin', and 'Bottom margin', each with a 'pixels' button.
- Header margin from top of document:** An input field with a 'pixels' button.
- Footer margin from bottom of document:** An input field with a 'pixels' button.
- Hyperlink behaviour in PDF:** A dropdown menu set to 'Default'.
- PDF Bookmarks:** A text input field containing 'H1:H2:H3'.
- Number of columns:** A dropdown menu set to 'Default - 1 Column'.
- PDF password for viewing:** A text input field.
- Watermark text:** A text input field.
- Watermark image URL:** A text input field.
- PDF page background color:** A text input field.
- PDF page background image:** A text input field.
- CoverPage text settings:** A text input field.
- CoverPage image URL:** A text input field.
- Printing to PDF memory limit:** A text input field.
- Printing to PDF size limit:** A text input field.

If you are programmer, you may want to look in `*/mpdf/config.php` for additional configuration options.

## Collection of References on [doc.tiki.org](http://doc.tiki.org)

- Print general info about printing
- PDF general overview about PDF creation in Tiki
- mPDF create PDFs from Tiki content (advanced library that works even on shared hosting). Recommended for Tiki18+
- PluginPDF alter default settings of mPDF per wiki page

- PluginPDFPageBreak add a page break for PDFs created with mPDF
- PluginMediaPlayer display PDF file from file gallery
- PDF.js viewer PDF.js from Mozilla
- ViewerJS: a script to view PDFs and ODFs, which bundles WebODF
- PluginArchiveBuilder Generate a zip file, including PDFs from wiki pages
- WeasyPrint A PDF generation option in Python
- wkhtmltopdf create PDFs from Tiki content (needs root installation)
- dompdf once used for PDF print of slideshows