



# 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:

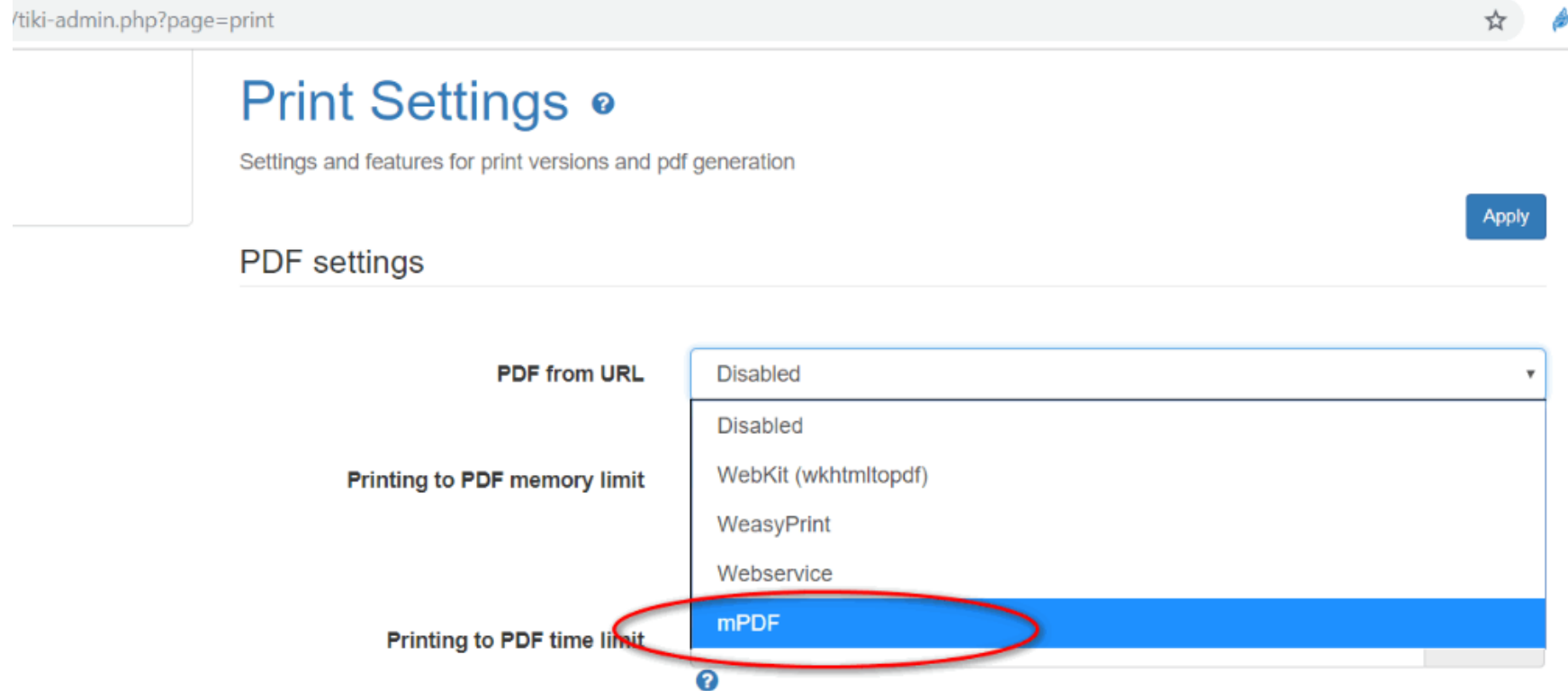
- <http://wikisuite.org/blogpost10-mPDF-7-0-0-Released>

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# Installation

1. Enable **mPDF** in Tiki: login to your Tiki and go to [example.org/tiki-admin.php?page=print](http://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

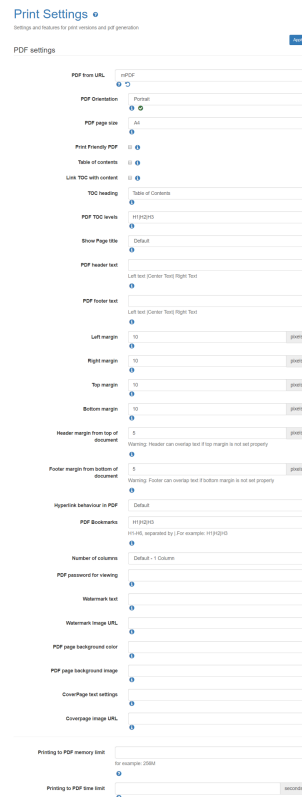


The screenshot shows the Tiki administration interface for 'Print Settings'. The page title is 'Print Settings' with a help icon. Below it, a subtitle reads 'Settings and features for print versions and pdf generation'. An 'Apply' button is located on the right. The 'PDF settings' section is active. A dropdown menu for 'PDF from URL' is open, showing options: 'Disabled', 'Disabled', 'WebKit (wkhtmltopdf)', 'WeasyPrint', 'Webservice', and 'mPDF'. The 'mPDF' option is highlighted with a red oval. A question mark icon is visible below the dropdown.

Setting	Value
PDF from URL	Disabled
Printing to PDF memory limit	WebKit (wkhtmltopdf)
Printing to PDF time limit	mPDF

# 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, most of which can be overridden page by page via PluginPDF

The image shows a screenshot of the 'Print Settings' page in Tiki. The page title is 'Print Settings' with a small 'e' icon. Below the title is a subtitle: 'Settings and features for print-enabled and pdf generation'. There is a 'Save' button in the top right corner. The main section is titled 'PDF settings'. It contains various configuration options: 'PDF from URL' (a dropdown menu), 'PDF Orientation' (a dropdown menu), 'PDF page size' (a dropdown menu), 'Print Priority PDF' (a checkbox), 'Table of contents' (a checkbox), 'Link TOC with content' (a checkbox), 'TOC heading' (a text input field), 'PDF TOC levels' (a text input field), 'Show Page title' (a dropdown menu), 'PDF header text' (a text input field), 'PDF footer text' (a text input field), 'Left margin' (a text input field with a 'print' button), 'Right margin' (a text input field with a 'print' button), 'Top margin' (a text input field with a 'print' button), 'Bottom margin' (a text input field with a 'print' button), 'Header margin from top of document' (a text input field with a 'print' button), 'Footer margin from bottom of document' (a text input field with a 'print' button), 'Hyperlink behaviour in PDF' (a dropdown menu), 'PDF Bookmarks' (a text input field), 'Number of columns' (a dropdown menu), '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), and 'Printing to PDF file limit' (a text input field with a 'warning' button).

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

## Collection of References on 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