**Media wiki Deployment.**

**Installation Requirements**

 Check that your system meets the minimum requirements

 Download Mediawiki [(direct link to latest version)](http://releases.wikimedia.org/mediawiki/1.25/mediawiki-1.25.1.tar.gz) and extract the archive to a web-accessible folder on your server.

 Point your browser to the directory where MediaWiki was extracted and follow the link to the setup screen. It should be in the form http://[domain]/[directory]/mw-config/index.php. Replace *[directory]* with the path to your extracted MediaWiki folder. If installing on a local machine, replace *[domain]* with *[localhost]*. A locally installed wiki will need the LocalSettings.php modified from *[localhost]* to *[domain]* if you will ever be accessing the wiki from that domain. If installed on a remote server, replace *[domain]* with your server's domain name (eg: [www.myserver.com](http://www.myserver.com)).

 [Follow the on-screen instructions](https://www.mediawiki.org/wiki/Special:MyLanguage/Manual:Config_script) to complete the process.

**Webservers:**

Apache and IIS

**Scripts**

Local or command line access is needed for running maintenance scripts

**Scripting Language:**

[**PHP**](http://www.php.net/) version 5.3.3 or later

Due to a security issue with PHP it is strongly advised to use PHP 5.3.5+

With [Perl Compatible Regular Expressions](http://php.net/pcre)

With [Standard PHP Library](http://php.net/spl)

With [JSON support](http://www.php.net/manual/en/book.json.php)

\*Note that all of these are enabled in PHP by default.

**Database Servers**

MediaWiki stores all the text and data (content pages, user details, system messages, etc.) in a database, which it is capable of sharing with other web-based applications (phpBB, etc.). You will need *one* of the following database servers to run the latest version of MediaWiki:

[MySQL](https://www.mediawiki.org/wiki/Manual:MySQL) [5.0.2 or later](http://dev.mysql.com/downloads/mysql/)\* or [MariaDB 5.1+](https://mariadb.org/)

[PostgreSQL](https://www.mediawiki.org/wiki/Manual:PostgreSQL) [9.0 or later](http://www.postgresql.org/) (supported since MediaWiki 1.8). See [Manual:Installing MediaWiki#PostgreSQL](https://www.mediawiki.org/wiki/Manual:Installing_MediaWiki#PostgreSQL) for more detail.

[SQLite 3](https://www.mediawiki.org/wiki/Manual:SQLite)

[Oracle](https://www.mediawiki.org/wiki/Manual:Oracle) (Oracle is currently unsupported on the latest MediaWiki versions due to open blocking bugs)

**Use: XAMPP, WAMP, Bitnami or WIMP**

**Combo between(**pache+MySQL+PHP**)**

**Optional Dependencies**

* **ImageMagick** or **GD** is required for [image thumbnailing](https://www.mediawiki.org/wiki/Manual:Image_thumbnailing).
* **TeX** is required for the in-line display of mathematical formulae. In most Debian/Ubuntu-based distros, this is in the texlive package.
* **Sendmail** is required in order for the system to be able to send e-mails.
* **Shell access** is required to run [maintenance scripts](https://www.mediawiki.org/wiki/Manual:Maintenance_scripts); upgrading may be more difficult without it.

**Operating systems**

**Ubuntu:**

**\*** requires knowledge of issuing commands from a terminal.

**Windows:**

Using WIMP is recommended.

**Visual Editor**

The [Parsoid web-service](https://www.mediawiki.org/wiki/Parsoid), which is implemented using node.js. This is not provided by most shared-hosting companies (HostGator, Bluehost, Dreamhost, etc.). For performance and security reasons it is better to use a dedicated hosting solution such as a VPS.

**Scribunto**

If you want to use Lua templates the wiki will also require [Scribunto](https://www.mediawiki.org/wiki/Scribunto).

MediaWiki installs itself using an interactive, web-based installation script. Before you can run this script, you need to do a couple of things: see [prerequisites](https://www.mediawiki.org/wiki/Special:MyLanguage/Manual:Installation_requirements) or [short installation guide](https://www.mediawiki.org/wiki/Special:MyLanguage/Manual:Installation_guide#Summarized_installation_guide) for experts.

MediaWiki can be difficult to install for the average computer user who does not have experience with Apache, PHP and MySQL. Most users who wish to use wiki software may benefit from using a [free MediaWiki host](http://wikiindex.org/Category:Free_MediaWiki_wiki_farms) or via a [software bundles](https://www.mediawiki.org/wiki/Software_bundles).

**Link on how to install on windows or linux:**

**https://www.mediawiki.org/wiki/Manual:Installing\_MediaWiki#Windows\_installation**

**Conclusion:**

For an inexperienced user it may be quite difficult to install media wiki.