Installing MediaWiki with essential Plugins

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MediaWiki

- MediaWiki is a free and open-source wiki application.
- Content Management and Archiving System
- Used to develop content through collabration
- Used in all Wikimedia Projects
- Used by many Free Software projects for Documentation
- Used by organizations and NGOs for creating content

Installing MW, Prerequisites

- Webserver – Apache, nginx etc.

- Database Server – PostgreSQL, MySQL, SQLLite, MariaDB

- PHP

- Parsoid and Node.js for VisualEditor

Steps to install MediaWiki

- Download MediWiki

- Extract in Document Root of webserver

- Set up the webserver configuration

- Create Database and Database user

- Launch a browser and give the URL pointing your MW directory

- Follow the instructions

- Download LocalSettings.php and place in MW directory

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Installing Extensions

- Better to have SSH access to server

- Download your extension

  - Download Snapshot/Tarball/ZIP file

  - Clone from Wikimedia GIT Repo

  - Explained in Extention's Page

- Extract and Copy it to extensions directory

- Install your extension

  - In LocalSettings.php add require_once "$IP/extensions/extension_name/extension_name.php"; for mw.v 1.24.x or less

  - In LocalSettings.php add wfLoadExtension('<extension-name>'); for mw.v 1.25.x or above

Demonstration

- Installing MediaWiki

  - Download and Extract

  - Setup Apache, Setup DB

  - Installation, Copying LocalSettings.php

- Installing Extension

  - ULS

  - VisualEditor

  - WikiEditor