UNIT 7: Creating and Maintaining a Wikimedia site

Introduction

- Wikimedia is a global movement whose mission is to bring free educational content to the world.
- Through various <u>projects</u>, <u>chapters</u>, and the support structure of the non-profit Wikimedia Foundation, Wikimedia strives to bring about a world in which every single human being can freely share in the sum of all knowledge.



























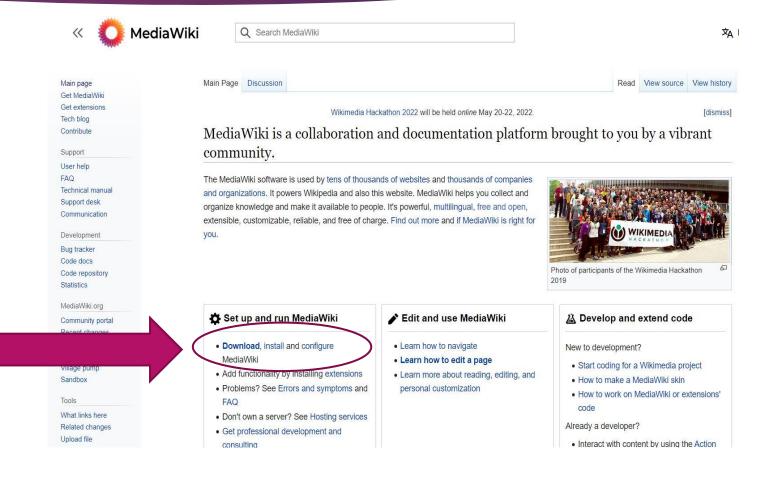


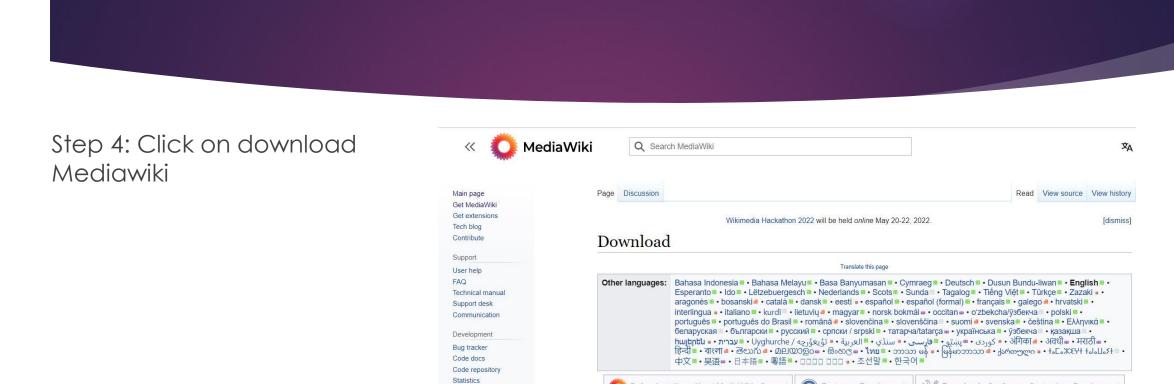




Installing Media Wiki

- Step 1: Install Xampp Server : https://www.apachefriends.org/download.html
- Step 2: go to https://www.mediawiki.org / wiki /MediaWiki
- Step 3: Click on Download & install Mediawiki





MediaWiki.org

Community portal

Sandbox Tools

What links here Related changes

Upload file

Special pages

Permanent link

Before installing • About MediaWiki • Support

Most computers can extract a zip file without additional software.

Users of 7-Zip: Note that prior to 2021, 7-Zip was unable to

extract .tar.gz files correctly (T257102). It is recommended to

Latest release

Help with downloading

Features • Requirements

Download MediaWiki 1.37.2 (.zip)

All versions

towns assessed (LTO)

Download • Configure • Customize • Development

• MediaWiki 1.37.2 (download .zip, download .tar.gz) - stable

MediaWiki 1.36.4 (download .zip, download .tar.gz) - legacy

• MediaWiki 1.35.6 (download .zip, download .tar.gz) - long-

Step 5: Extract the downloaded files & copy the folder in C:\xampp\htdocs

Step 6: Rename the folder as mediawiki

Step 7: Open the browser & type localhost/mediawiki

Step 8: click on set up the wiki



MediaWiki 1.37.2

LocalSettings.php not found.

Please set up the wiki first.

Step 9: Click on continue



• Warning: Could not find APCu or WinCache. You should get this message Object caching is not enabled. . GNU diff3 text comparison utility not found. You can ignore this for now, but might run into edit conflicts more frequently. Found ImageMagick: C:\ImageMagick\convert.exe Image thumbnailing will be enabled if you enable uploads. • Git version control software not found. You can ignore this for now. Note Special: Version will not display commit hashes. Using server name "http://localhost". Using server URL "http://localhost/mediawiki". • Warning: Your default directory for uploads C:\xampp\htdocs\mediawiki/images/ is vulnerable to arbitrary scripts execution. wegrawiki checks all uploaded files for security urreats, it is highly recommended to close this security vulnerability before enabling t Using the PHP intl extension for Unicode normalization. The environment has been checked. You can install MediaWiki. Copyright and Terms This wiki is powered by **MediaWiki**, copyright © 2001-2022 Magnus Manske, Brion Vibber, Lee Daniel Crocker, Tim Starling, Erik Möller, Gabr Bjarmason, Niklas Laxström, Domas Mituzas, Rob Church, Yuri Astrakhan, Aryeh Gregor, Aaron Schulz, Andrew Garrett, Raimond Spekking, I Siebrand Mazeland, Chad Horohoe, Roan Kattouw, Trevor Parscal, Bryan Tong Minh, Sam Reed, Victor Vasiliev, Rotem Liss, Platonides, Anto Kinzler, Jeroen De Dauw, Brad Jorsch, Bartosz Dziewoński, Ed Sanders, Moriel Schottlender, Kunal Mehta, James D. Forrester, Brian Wolff, A Ori Livneh, others and translatewiki.net translators. This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the I either version 2 of the License, or (at your option) any later version. This program is distributed in the hope that it will be useful, but without any warranty; without even the implied warranty of merchantability or purpose. See the GNU General Public License for more details. Step 10: click on continue You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, In-Floor, Boston, MA 02110-1301, USA, or read it online. ← Back | Continue →

Step 11: go to xampp→phpMyAdmin & create a database as my_wiki

Step 12: go back to the installation process

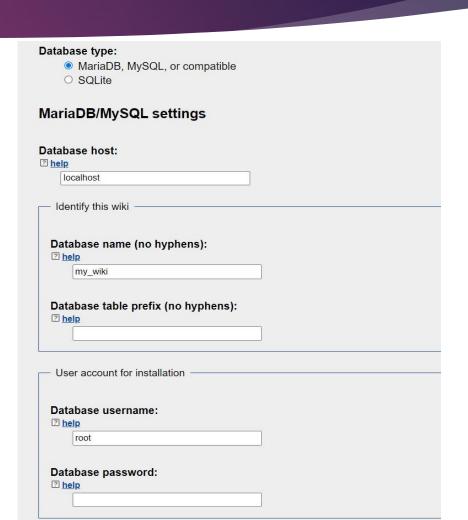
Database type→mysql

Database host→localhost

Database name→my_wiki

Database Username→root

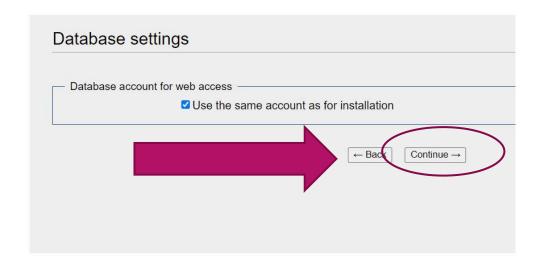
Click on continue



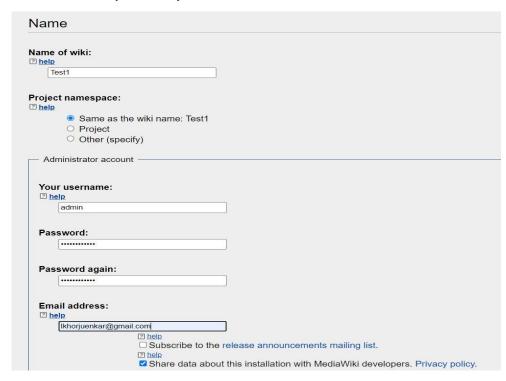


Step 12: click on continue

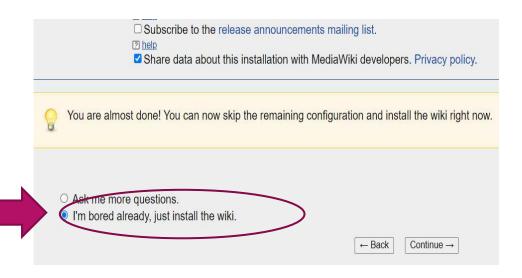
MediaWiki 1.37.2 installation



Step 13: Give any name for the wiki, set username, password, specify email address



Step 14: Please select below option & click on continue



Step 15: click on continue



Step 16: click on continue

MediaWiki 1.37.2 installation

Install

- · Setting up database... done
- · Creating tables, step one... done
- Creating database user... done
- Creating tables, step two... done
- Populating default interwiki table... done
- Initializing statistics... done
- · Generating secret keys... done
- Prevent running unneeded updates... done
- · Restoring mediawiki services... done
- · Creating administrator user account... done
- · Creating main page with default content... done
- Database was successfully set up

Step 17: click on

MediaWiki 1.37.2 installation

Complete!



Congratulations! You have installed MediaWiki.

The installer has generated a LocalSettings.php file. It contains all your configuration.

You will need to download it and put it in the base of your wiki installation (the same directory as index.php). The download should have started automatically.

If the download was not effered, or if you cancelled it, you can restart the download by clicking the link below:

Download LocalSettings.php

Note: If you do not do this now, this generated configuration file will not be available to you later if you exit the installation without developing it.

When that has been done, you can enter your wiki.

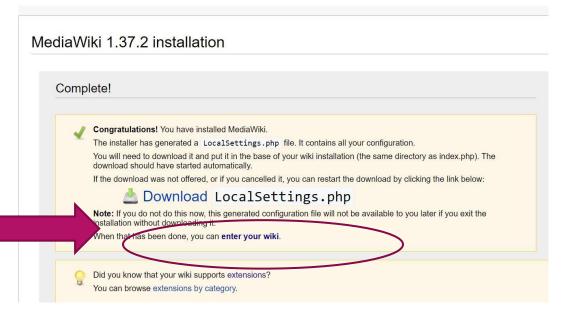


Did you know that your wiki supports extensions? You can browse extensions by category.

Continue →

Step 18: save the downloaded file in C:\xampp\htdocs\mediawiki

Step 19: click on enter your wiki



This is the main portal



Main page Recent changes Random page Help about MediaWiki

Tools

What links here Related changes Special pages Printable version Permanent link Page information Main page Discussion

Main Page

MediaWiki has been installed.

Consult the User's Guide do for information on using the wiki software.

Getting started [edit]

- Configuration settings list
- MediaWiki FAQ母
- MediaWiki release mailing list
- Localise MediaWiki for your language
- Learn how to combat spam on your wiki

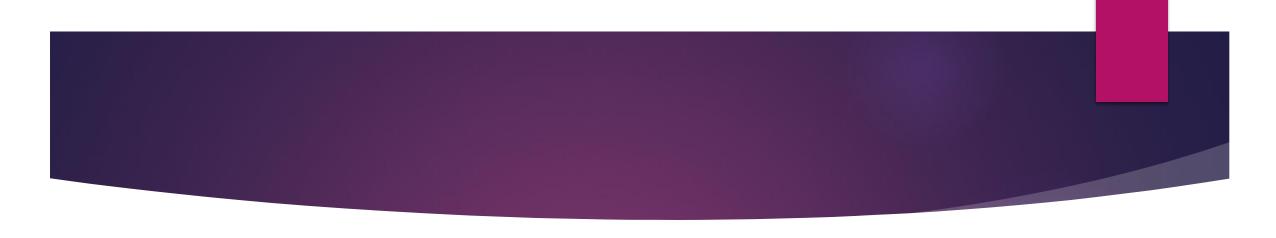
This page was last edited on 3 May 2022, at 08:01.

Privacy policy About Test Disclaimers

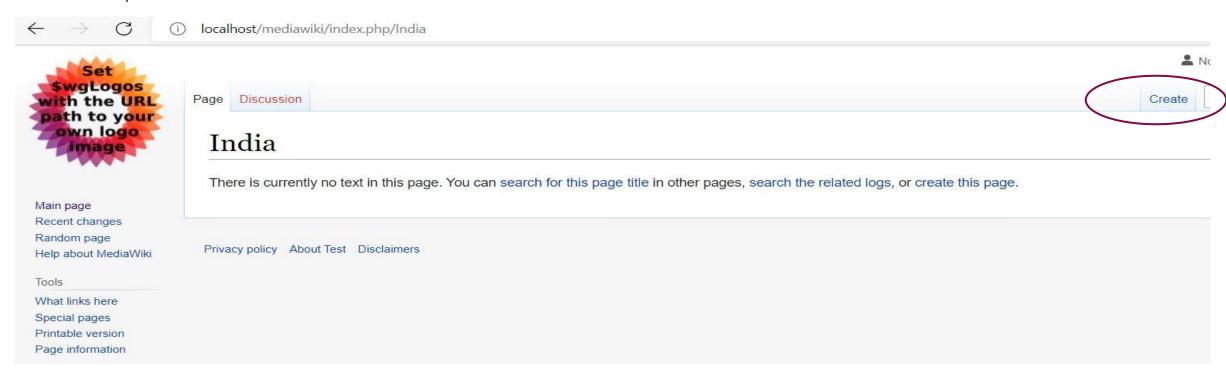
Creating Separate Pages

Step 1: Whichever page you want to create just type a name of that page in the address bar of the browser & press enter. E.g. india

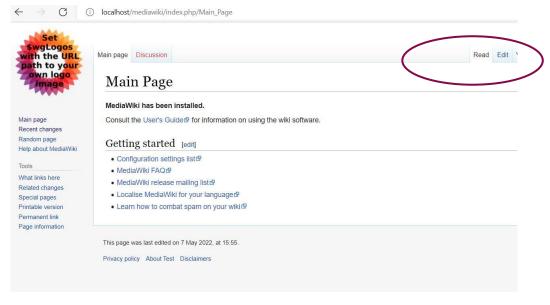




Step 2: Click on create



From the main page also different pages can be opened: On main page click on edit



Delete the previous content & in square brackets type the name of the page you want to open & then click on save changes



Adding Hyperlinks

There are 5 different types of links

- Pages in same wiki [[name of the page]]
- Other websites[url of the website text to be displayed]
- ► Email: [mailto:lkhorjuenkar@gmail.com]
- Interwiki: [[wikipedia:ITA software]]
- Standard HTML anchor tags <html>GOOGLE</html>

Linking Pages in same wiki

In double square bracket type the link of the web page to be opened.



Linking pages of other websites

In square bracket type the link of the web page to be opened. After the link you can mention the label that you wish to display



Create a wiki with sections & Table of Content

- Headings are used to create table of content for wiki pages
- Table of content automatically appears on pages that uses more than 4 or more headings
- Clicking an item in the table of content will take you to that section of the wiki page
- If you use headings on your wiki page, you can edit the wiki page by the section

To create headings:

- For level 1 heading, it is <single equal to sign> <space><text><space> <single equal to sign>
- For level 2 heading, it is <single equal to sign> <single equal to sign> <space><text><space> <single equal to sign> <single equal to sign>

& so on till level 6

Create a wiki with sections & Table of Content(contd..)



Main page Recent changes Random page Help about MediaWiki

Tools

What links here Special pages Page information Page Discussion

Creating Toc

You have followed a link to a page that doe

= Level 1 =

== Level 2 ==

=== Level 3 ===

=== Level 4 ====

==== Level 5 ====

===== Level 6 =====

own logo image

Main page
Recent changes
Random page
Help about MediaWiki

Tools

What links here Related changes Special pages Printable version Permanent link Page information

Toc

```
Contents [hide]

1 Level 1

1.1 Level 2

1.1.1 Level 3

1.1.1.1 Level 4

1.1.1.1.1 Level 5

1.1.1.1.1 Level 6
```

```
Level 1 [edit]
```

Level 2 [edit]

Level 3 [edit]

Level 4 [edit]

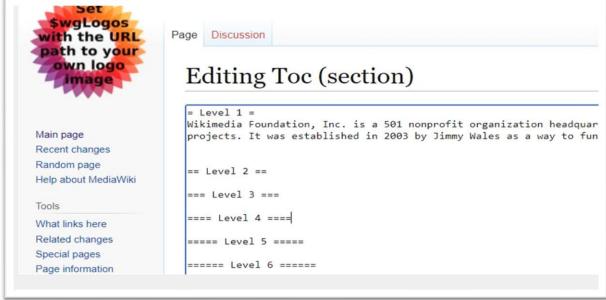
Level 5 [edit]

Level 6 [edit]

Create a wiki with sections & Table of Content(contd..)

▶ For each heading, we can click on edit & type content & click on save changes





Create a wiki with sections & Table of Content(contd..)

- ➤ To disable Table of content to be displayed on the page, type the following code anywhere on the page __NOTOC__ (double underscore in caps lock TOC double underscore)
- ► Table of Content does not appear on the page if less than 4 headings are used. You can force the Table of Content to appear on wiki page by typing following code anywhere on the page __FORCETOC__
- ► To disable the section edit links that allow you to edit one part of the page at a time type following code anywhere on the page __NOEDITSECTION__

Question Bank

- What is mediawiki?
- List out the steps for installing mediawiki.
- How to create a new page in mediawiki?
- Which are different types of hyperlinks which can be added on mediawiki page?
 With an example explain each one of them
- ▶ With an example explain how different levels of haedings are created in mediawiki.
- Name the commands to do the following task w.r.t table of content:
 - ▶ To disable Table of content to be displayed on the page
 - To force the Table of Content to appear on wiki page if less than 4 headings are used
 - ▶ To disable the section edit links that allow you to edit one part of the page at a time

References

- ▶ Installation Video: <u>Setup and Install a Wiki on Windows From Scratch YouTube</u>
- The basics of MediaWiki Creating, Editing, Discussing Pages Working with the syntax text formatting – YouTube
- https://www.youtube.com/watch?v=2RANQkKNWGs&list=PLAagofQWV6pf0xFyUw7gJg2yY YB-nCS4l&index=2
- ► https://www.youtube.com/watch?v=GdoQsFgsOns&list=PLAagofQWV6pf0xFyUw7gJg2yYYB-nCS4l&index=6