

SOFTWARE DEVELOPMENT PROJECTS ... & MORE

WIKIMEDIA CONFERENCE, BERLIN, APRIL 2014
EMMANUEL.ENGELHART@WIKIMEDIA.CH

MY SHORT LIST :

- WIKIDATA
- PARSOID/VE

CHAPTERS
SHOULD PLAY A
BIGGER ROLE IN
WIKIMEDIA IT

WHO I AM ?

DISCLAIMER

IT INNOVATION
IS
MANDATORY

**SOFTWARE
PROJECTS
ARE RISKY**

2 TYPES OF PROJECTS :

INTEGRATION

SOFTWARE DEV

IT
MUST BE AN
EMANCIPATION
FACTOR

THOUGHTS
ABOUT
SOFTWARE DEV.
PROJECTS

KIWIX, A
VOLUNTEER DRIVEN
SOFTWARE PROJECT

KIWIX IN A NUTSHELL

- Maintain'd w/care since 2006
- 50,000+ downloads/mo.
- Based on OpenZIM format.
- *Offlines* any web site
- 60+ Zim Contents available.
- Supports WP's *Bookshelves*.
- Arabic is MAJOR hit.
- Thousands of manual deploy.
- Adaptive (many use cases)

KIWIX



KIWIX

7 ways to go Offline



① KIWIX DESKTOP

- Windows
- Mac
- Linux
- Feature full



The screenshot shows a desktop browser window titled "Hong Kong - Kiwix". The page displays a Wikipedia article for "Hong Kong". On the left, there is a sidebar with the "WIKIPEDIA FOR SCHOOLS" logo and a list of subjects including Art, Business Studies, Citizenship, Countries, Design and Technology, Everyday life, Geography, History, Information Technology, Language and literature, Mathematics, Music, People, Portals, Religion, and Science, along with a "Title Word Index" link. The main content area features the article title "Hong Kong" with a "Checked Content" badge and coordinates. Below the title, there is a yellow banner from SOS Children. The article text describes Hong Kong as a Special Administrative Region of the People's Republic of China, mentioning its location, population, and major cities. To the right of the text, there is a section titled "Hong Kong Special Administrative Region of the People's Republic of China" with its Chinese name, the flag, the emblem, the anthem "March of the Volunteers", and a photograph of the city at night.

KIWIX

② KIWIX LIVE

- Single zip download.
- Windows, Mac, Linux.
- Self contained on Stick/CD.
- Privacy mode.
- 2,000+ in the wild.



KIWIX

③ KIWIX SUGAR (OLPC)

- Works on OLPC XO.
- Simpler version.
- Decent speed.



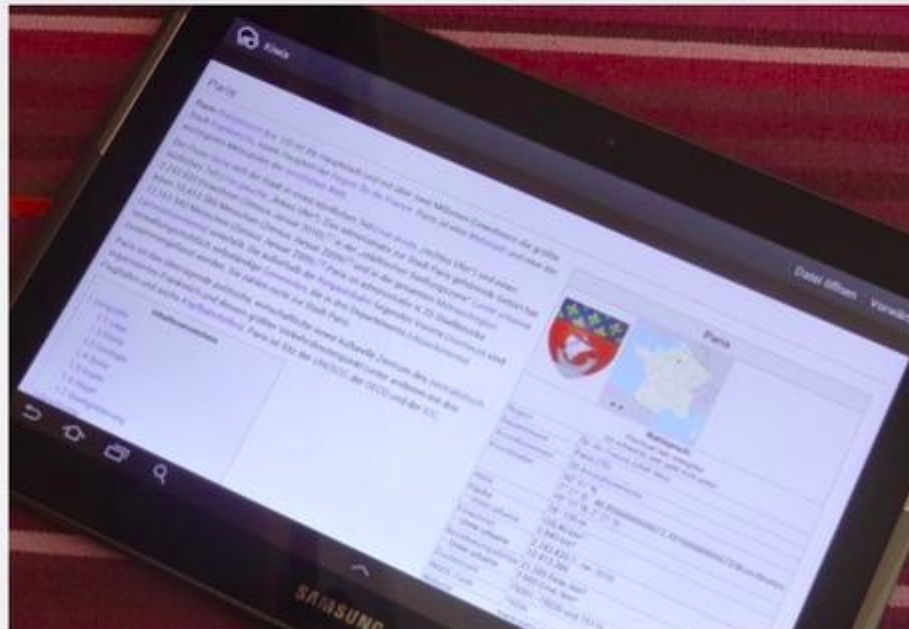
④ KIWIX DESKTOP AS SERVER

- Share content across LAN.
- Single click feature.
- Includes Search Engine.



⑤ KIWIX ANDROID

- Rated 4.64/5 on Google Play
- 2,400 active users
- Since April.
- Super Fast.



⑥ KIWIX SERVER

- Perfect for large deployment
- Centralize contents
- Alone / behind Web Server



⑦ KIWIX PLUG

- Plug & Play Hot Spot
- All plugs (ARM)
- No maintenance
- Low power
- Alone or w/router.



MY LEARNINGS AFTER 8
YEARS WORKING ON
KIWIX (AND OPENZIM)

**WHAT VOLUNTEER
SOFTWARE DEVELOPERS
NEED FROM CHAPTERS...**

GLAMWIKIToolset (GWT)

- WMNL
- WMUK
- WMFR
- WMCH





Special page

Search

[Main page](#)
[Community portal](#)
[Current events](#)
[Recent changes](#)
[Random page](#)
[Help](#)
[Donate](#)

Tools
[Special pages](#)
[Printable version](#)

GWToolset

- [Metadata mapping](#)

Step 1: Metadata detection

The metadata upload process consists of 4 steps:

1. Metadata detection
2. Metadata mapping
3. Batch preview
4. Batch upload

In this step, you upload a new metadata file to the wiki. The tool will attempt to extract the metadata fields available in the metadata file, which you will then map to a MediaWiki template in "Step 2: Metadata mapping".

Domain whitelist

If your media file domain is not listed below, please [request](#) that your media file domain be added to the Wikimedia Commons domain whitelist. The domain whitelist is a list of domains Wikimedia Commons checks against before fetching media files. If your media file domain is not on that list, Wikimedia Commons will not download media files from that domain. The best example, to submit in your request, is an actual link to a media file.

- *.collectie.legermuseum.nl
- *.europeana1914-1918.eu
- *.gahetna.nl
- *.hu-berlin.de
- *.kb.nl

Upload your metadata file

1. What is the XML element that contains each metadata record:
2. Which MediaWiki template:
3. Which metadata mapping:
[GWToolset:Metadata_Mappings](#)
4. Mediafile throttle:

The throttle controls the load Wikimedia Commons will put on your media server during the batch upload. You can set the throttle between 1-20 where the number corresponds to the number of media requests per minute.

MY LEARNINGS AFTER
BEING GWT
RESPONSIBLE FOR
WMCH

CONCLUSION

MERCI

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EMMANUEL.ENGELHART@WIKIMEDIA.CH