## February 2024 Update - Part 2: English Wikipedia Refresh and Installation Instructions

The February 2024 update has 2 parts. The first part is the normal type of update with a runner file. The second part is an update to the English Wikipedia. This Readme will address only the second part, refreshing the English Wikipedia to bring it up to date.

Key Features of Update:

* English Wikipedia Refresh: This will bring the English Wikipedia up to the November 2023 version.

The English Wikipedia update is a very “good to have” update for schools but it is not critical for server operation. Please perform it if possible, but if the remaining time at the school is too short or if your drive that you use to carry the updates cannot fit it, then you don’t need to do it.

**Be sure to do the Feb2024 Part 1 update first – that is very important!** You can do the English Wikipedia install while doing other work on the server or in the school lab but you cannot stop or reboot the server. You must remain at the school once you have started this new English Wikipedia upgrade and you must personally test it.

The English Wikipedia update will replace the very large file that contains all of the English Wikipedia on the server. The file currently on the server provides a English Wikipedia from 2021 that contains nothing after that time. The new file is from Nov 2023 -the latest available in the single file form. It is big – 102GB so it can take a long time to put on the server. That means that you must use a simple way that does not use a runner file and the Reneal Update program.

Installation Instructions:

1. Sign in as sysadmin. Open a terminal window from the dashboard. In the window, type “cd” and the name of the directory that has the files **preWikipediaUpgradeCheck.sh, upgradeWikipedia.sh, wikipedia2023.tar,** and **copyWikipediaFromBackup.sh**.

2. Type the command “**sudo preWikipediaUpgradeCheck.sh”** and hit enter. This program will check that there is enough space in /client\_home for the new English Wikipedia file that is about 14 GB bigger than the old one. If there is not enough space the program will give directions about fixing the problem. There normally should be enough space so all that you will see is a message that says that you have enough. After the disk space check, the program will run a test to determine the speed of copy from your USB drive to the server hard disk and the tell you an estimate of the number of minutes that the update will take.

3. To install the new English Wikipedia, run the command “**sudo upgradeWikipedia.sh**”. This will replace the Rachel webpage file to use the updated file name and remove the old English Wikipedia file. That means that immediately after you start this program the English Wikipedia will not work until the update is complete. You should never stop the program in the middle.

4. Once the program is complete, the new English Wikipedia is set up. Go to the school homepage, then Rachel, and then English Wikipedia. You must do the webpage views in that order to clear out the browser cache. You cannot just do a page refresh on the Wikipedia link because you will still have the old link. Look for 2023 in the web page address in the browser address window if you seem to have a problem getting to the new English Wikipedia page. When you get to the first English Wikipedia page you will see that it looks different and has 2023 in the article text. If you see the 2023 English Wikipedia, you are finished with this update.

5. If you still have problems, reboot, log in as a student, and run the browser from there.

6. If you still can’t get the new English Wikipedia page or if you stopped the upgrade program before it completed, you must recover the original English Wikipedia from the backup drive. Do this by running the program “**sudo copyWikpediaFromBackup.sh**”**.** This will take about 10 minutes to complete. Then you should have the old English Wikipedia back. Do the same tests with the web browser that you did with the update. Run “copyWikpediaFromBackup.sh” *only* if you have had a problem with the upgrade!