

Oppia Android Wiki Migration V2

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This is the previous version: [Oppia Android Wiki Migration V1](#)

Reviewer	Status	Notes
Ben Henning	Not started ▾	
A0RA CA1P	Not started ▾	
Sean Lip	Not started ▾	

Proof of concept: <https://github.com/gp201/oppia-android>

Steps to migrate the wiki

1. Clone the [Oppia Android Wiki](#) by running the command:
 - a. Run: ``git clone https://github.com/oppia/oppia-android.wiki.git``
2. Make wiki folder within the [Oppia Android Wiki](#) repository.
 - a. Run: ``mkdir wiki``
3. Move all files into the wiki folder
 - a. Run: ``mv * wiki/``
4. Commit changes to the local [Oppia Android Wiki](#) repository
 - a. Run: ``git add .``
 - b. Run: ``git commit -m "Move files to wiki folder"``
5. Clone the [Oppia Android](#) by running the command:
 - a. Run: ``git clone https://github.com/oppia/oppia-android.git``
6. Fetch files from the local repo into the local [Oppia Android](#) repository.
 - a. Run: ``git remote add wiki ../oppia-android.wiki/``
 - b. Run: ``git fetch wiki``
 - c. Run: ``git branch wiki remotes/wiki/master``
7. Merge files into the local [Oppia Android](#) repository
 - a. Run: ``git merge wiki --allow-unrelated-histories``
 - b. Run: ``git remote rm wiki``
 - c. Run: ``git branch -d wiki``
8. Open a PR with the wiki action
 - a.

```
name: Deploy to Wiki
on:
  push:
    branches:
      - develop
  paths:
    - 'wiki/**'
```

```
gollum:
jobs:
  wiki-deploy:
    runs-on: ${{ matrix.os }}
    strategy:
      matrix:
        os: [ubuntu-20.04]
    steps:
      - uses: actions/checkout@v3
        with:
          fetch-depth: 0
      - name: Add remote
        run: |
          git filter-branch --subdirectory-filter wiki/ -- -- all
          git remote set-url origin
          https://github.com/oppia/oppia-android.wiki.git
          git checkout -b master
          git push origin master --force
```

- 9. Push changes from the local [Oppia Android](#) repository and merge the PR at the **SAME** time
 - a. Run: ``git push origin develop``

Drawback

The wiki history and the oppia-andoid git history will now exist as 2 parallel git histories.

This means that when the history is viewed at commit which was from the wiki only wiki files will be present in the codebase:

Example:

Commit: [ae8f3352d871ffdbbf1e1d34426e119396a0d4ee](#)

Repository at this point in history:

<https://github.com/gp201/oppia-android/tree/ae8f3352d871ffdbbf1e1d34426e119396a0d4ee>

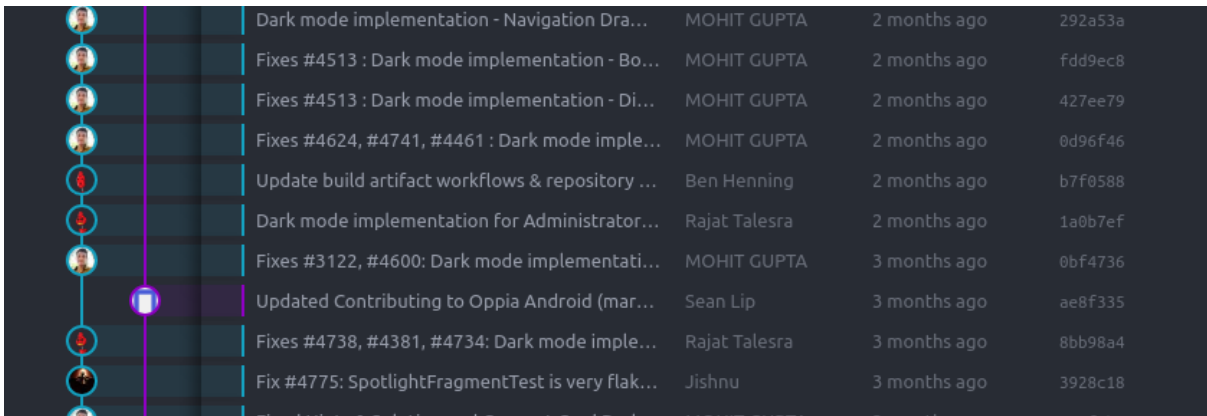


Fig1: Git lens: [gp201/oppia-android](https://github.com/gp201/oppia-android) visualised as a tree. The purple line represents the wiki history and the blue line represents the original oppa-android git history.

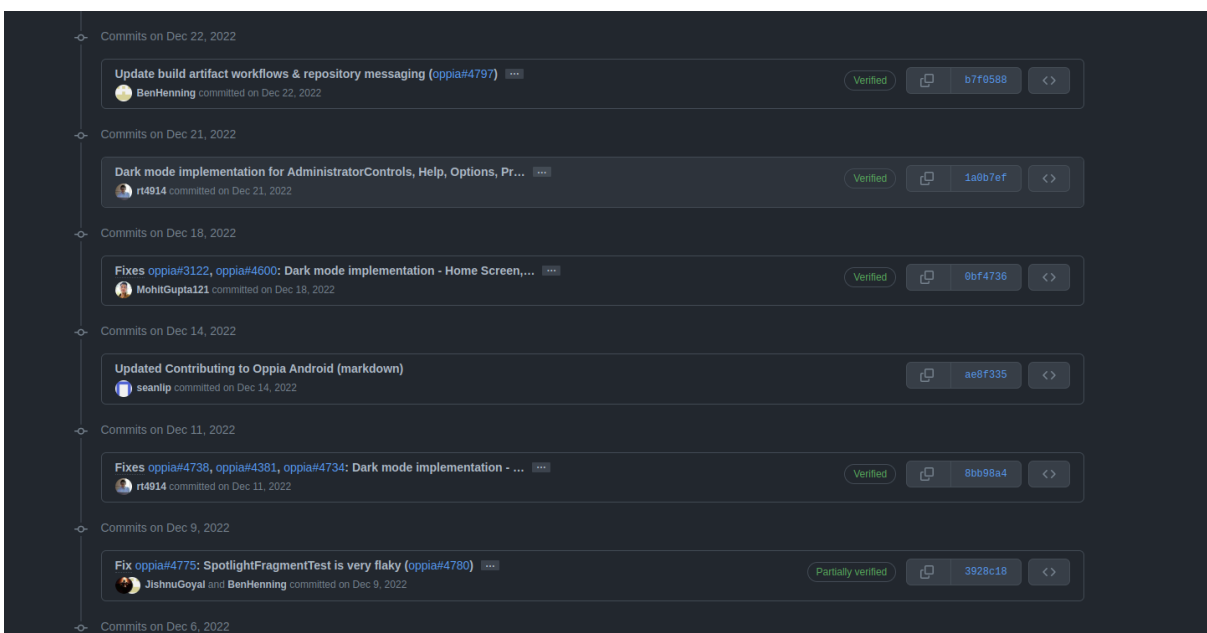


Fig2:The same git history as the above image but when visualised in [github](https://github.com).