

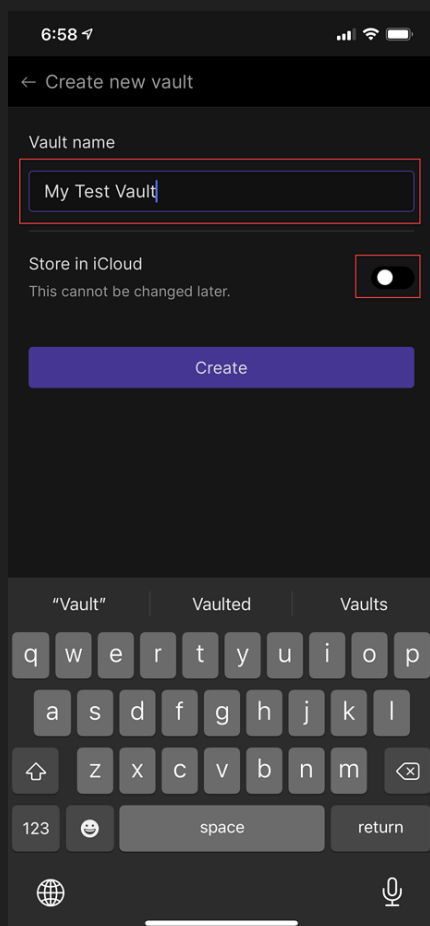
[Mobile] Setting up iOS git-based syncing with mobile app (using Working Copy)

rsteele VIP

Apr 14

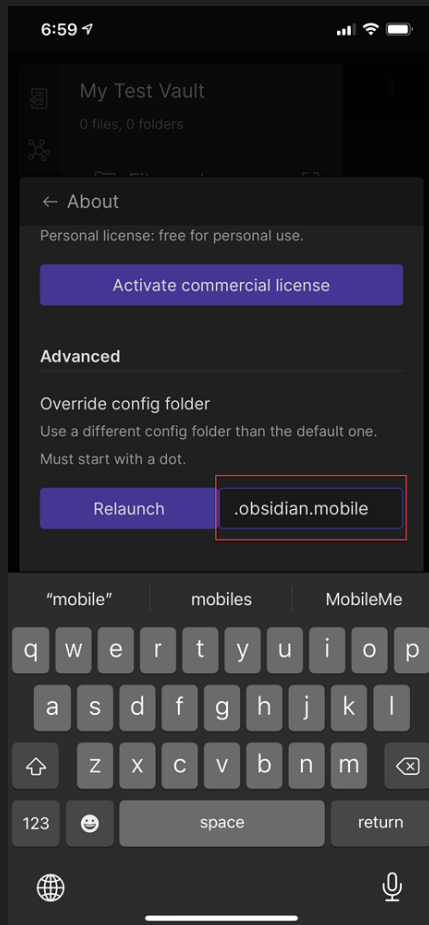
Here's how I got my iPhone to sync with my existing vault that is stored on GitHub. Your mileage may vary, posting here in case it's useful to others. I presume existing knowledge of Obsidian, GitHub, the Working Copy app, basic iOS, etc. Comments and feedback welcome!

1. (Optional) If you don't have an existing repository, or if you just want to test it out, create a new repository on GitHub. You don't have to sync this with desktop Obsidian first (or ever) in order to sync it with the mobile app.
2. Create a new vault in Obsidian mobile, deselecting "Store in iCloud".

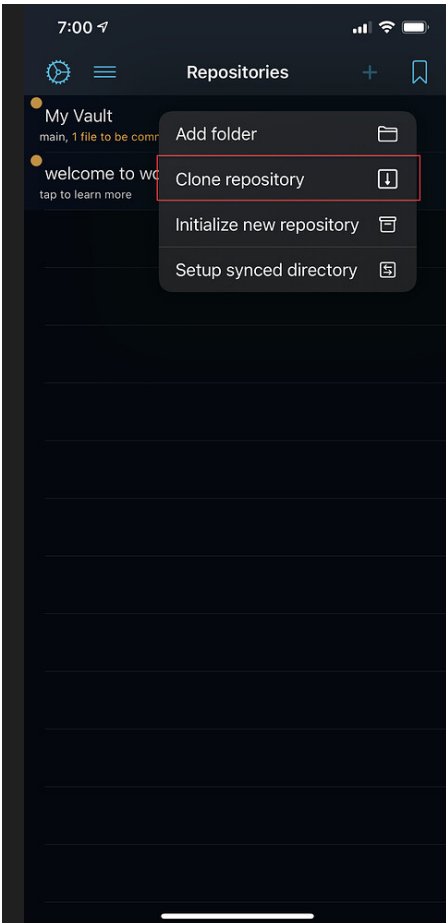


3. (Optional, but recommended) Configure the Obsidian mobile app to use a different config folder (Settings → About → Advanced → Override config folder); e.g., .obsidian.mobile. If you don't change this then, depending on what gets synced via git

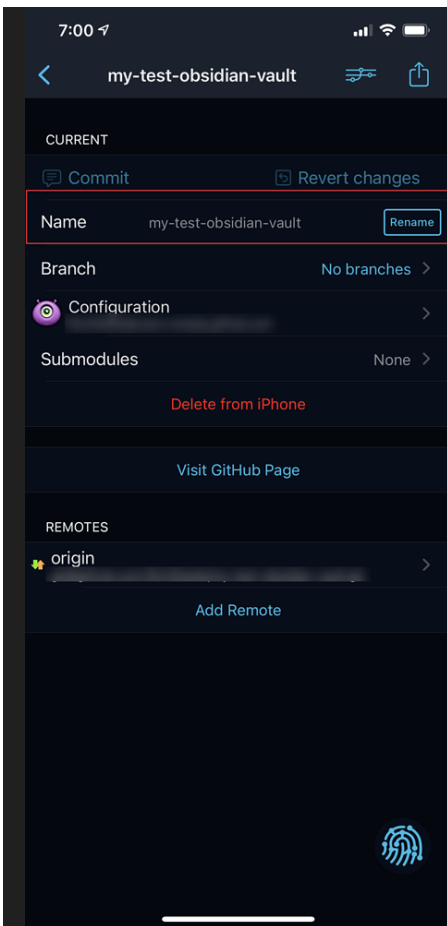
from your .obsidian configuration (such as your workspace), you might get some configuration that's not supported on mobile (yet).



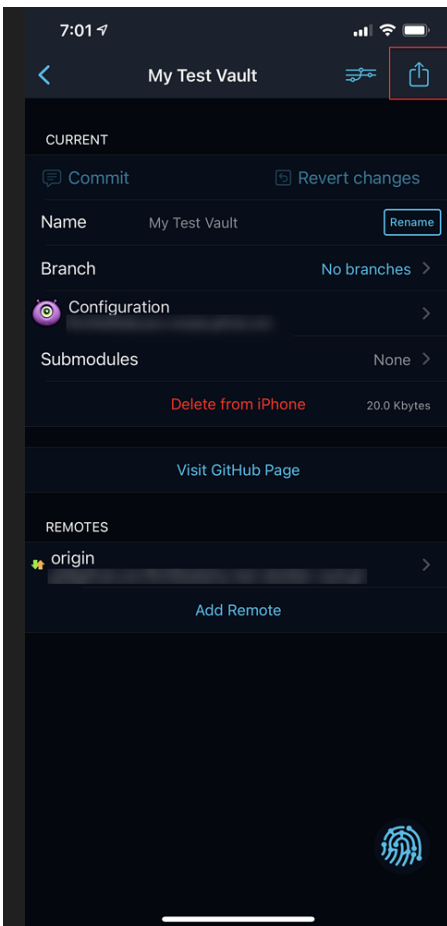
4. In Working Copy, clone the git repository



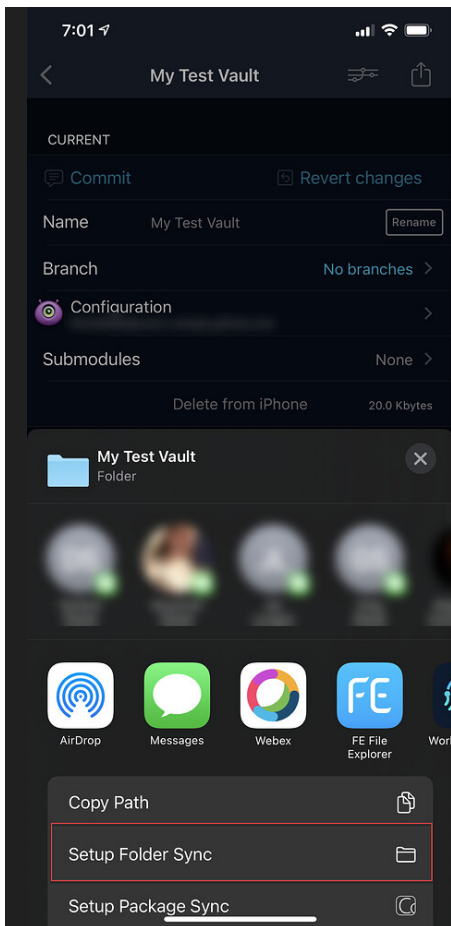
5. (Optional) Rename the local name of the git repository in Working Copy to the vault name you set up in Obsidian mobile (this is just so the correlation is obvious to you later)



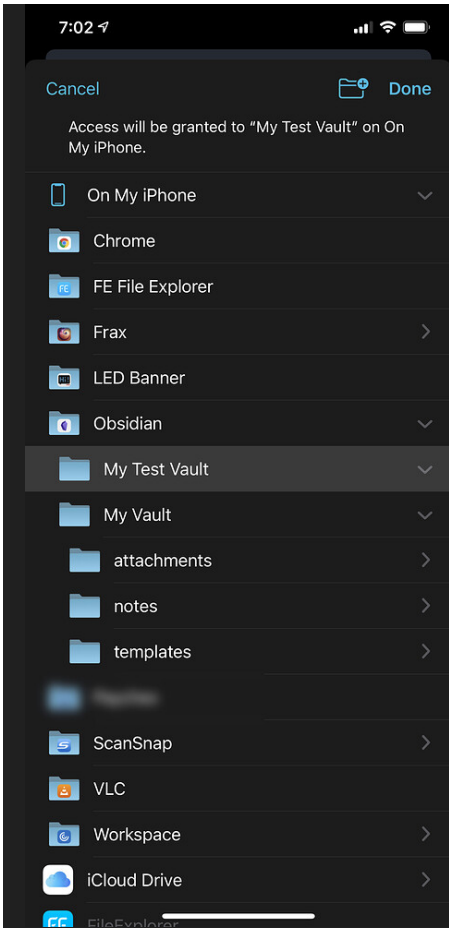
6. In the Working Copy repository “share sheet”...



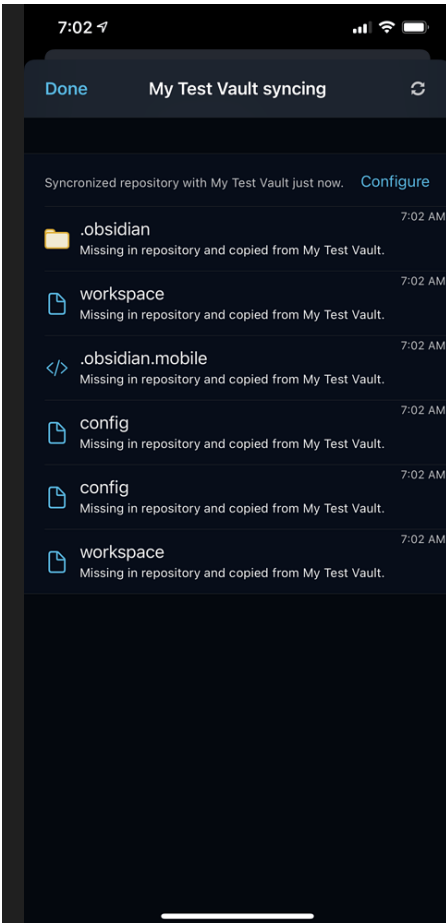
... and select "Setup Folder Sync".



7. Select → On My iPhone/iPad → Obsidian → *Vault Name*



8. Verify the syncing has started



You should now be able to manually pull, push, merge changes through `[[Working Copy]]`

🔗 [Dropbox or GIT mobile app vaults](#)

🔗 [Third-party sync options | Do any work fully cross-platform? \(Windows + iOS + Andro...](#)

🔗 [\[Mobile\] Sync with git on iOS for free using iSH](#)

🔗 [\[IOS\] Using GoodNote and Obsidian in the same vault](#)

🔗 [Support all file types for the Sync and Publish services](#)

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The first part of the paper discusses the importance of the research and the objectives of the study. It highlights the need for a comprehensive understanding of the subject matter and the role of the researcher in this process. The second part of the paper presents the methodology used in the study, including the data collection methods and the analysis techniques. The third part of the paper discusses the results of the study and the conclusions drawn from the data. The final part of the paper provides a summary of the findings and offers suggestions for future research.

The research was conducted in a systematic and rigorous manner, following the principles of scientific inquiry. The data was collected from a large sample of participants, ensuring the representativeness of the findings. The analysis was conducted using advanced statistical techniques, allowing for a detailed examination of the data. The results of the study are presented in a clear and concise manner, highlighting the key findings and their implications.

The conclusions drawn from the study are based on the evidence presented in the data. They provide a comprehensive overview of the subject matter and offer valuable insights into the field. The suggestions for future research are based on the limitations of the current study and aim to address the gaps in the existing knowledge.

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Mara-Li **INSIDER**

Apr 28

Okay, thanks to [@bordache](#) ([see this post](#)), I finally understand why my vault and folder doesn't want to sync with Working Copy : Accented name.

So, if Working Copy doesn't work with synced vault, and your language use accent, it's probably that (fact : I literally don't see accent because of habit).

If you have an accent, and doesn't want to check all file, you can use (on windows) the cool app named PowerRename ([from powertoys](#)). Using Regex, you can manage with it ! For

me, I replace all é, è, ë... with E, and the same for "à". One day, I will find a regex with all accented characters.

But, I have the same view as [@necopinus](#), I don't think Git/Github is a good usage for note, mostly if you have like 1go of file (Hello <3, it's my case). I can afford 10\$/month to have Google Drive + Obsidian Sync so I will use this.

But, if you can't, using shortcuts to pull / push each time you open and close Obsidian, it can be good!

Also, if you are a student, **Working Copy is totally free** and offer many cool things. I use Working Copy since months because I love programming, and It helps a lot to program on Ipad.

[rsteale](#) VIP

Apr 28

Definitely agree that git isn't for everyone. Probably the best out-of-the-box experience will come with Obsidian's native sync. However, for those who can't use it or the multitude of "drive" offerings because of corporate security policies run amok, git (using GitHub or the like) offers one possible solution.

[bordache](#)

May 1

The dev from Working Copy has fixed the problem with accents ! It's in the next release of the app.

Weird interaction between iPad app and Working Copy

Solved by Working Copy dev !!

[necopinus](#) VIP

May 3

I wouldn't say that I don't think Git/GitHub is a good approach. Rather, my experiences so far have led me to believe that the tooling for dealing with Vaults that contain large attachments just isn't stable enough on iOS. If I was on Android, I'd bet something like what [@etienne](#) suggests would work a lot better.

If your vault is mostly text (with no attachments over a few hundred MB and a total size < 2 GB) – and you want the features that Git brings! – Working Copy seems solid.

If you don't care about Git tracking, then Obsidian Sync is definitely easier.

If the Working Copy dev can fix some of the stability issues with LFS support and folder sync with large files, I'll try again... But I suspect that what may be at fault are iOS limits w.r.t. the resources any one app can consume.

I have hit a show-stopping snag in setting this up. Having made changes to the vault I synced, WorkingCopy is now complaining that “The file ‘WorkingCopy’ [the name I gave my obsidian vault] couldn’t be opened because there is no such file.”

I have a repo `markdown-notes`, which I cloned with WorkingCopy. In Obsidian, I created a vault called WorkingCopy, and the initial “Setup Folder Sync” step seemed ok. I think there was a “Missing in WorkingCopy [ie, my obsidian vault folder] and copied from repository” message for each file in the sync dialog, and one other anomaly right at the end where a file was first “Deleted from repository to match WorkingCopy” then “Missing in repository and copied from WorkingCopy”. I don’t think that’s particularly relevant (also possible there were other irregularities I didn’t spot). FWIW that anomalous file had cyrillic characters in the filename which I suppose might have triggered an edge case.

All seemed to be well in terms of me being able to view and edit my vault in Obsidian, but when I went back to WorkingCopy to try pushing some changes, I see this error. I suppose I’ll try ‘stop syncing and remove history’ and then re-establishing the sync again. I haven’t got too much to lose, hopefully WorkingCopy will be able to sync the folder a bit quicker next time...