

# Brief Outline: Syncing with Git

Alan

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## Contents

1. Prepare a clean, complete tree
2. `cd <tree> (cd ~/org)`
3. Insert USB key
  - Mount it or find out it's mounted path
4. `org clone --bare . /path/to/USB/key/org.git org.git` will identify this as a git bare repo that we will not use as a work directory at all. EVER.
  - KISS: I've mentioned nothing about cloning branches
5. clone a new work directory on the first workstation ("home") Do this even if the directory you cloned from is on the workstation. This step ensures that the bare repo on the usb flash drive will be known at 'origin' and be automatically pulled from and pushed to.
  - (a) `mv ~/org ~/org.orig # backup`
  - (b) `$ git clone /path/to/USB/key/org.git ~/org`
6. Work, work, work on home:~/org
7. `git pull ; git add . ; git commit -a`
  - be sure to `git pull` before `git add .` and `git commit -a` if the `org.git` bare repo has been moved from the other machine.

- omitted: I don't know anything about fetch and merge
8. git push
  9. unmount the USB drive and take it to work.
  10. clone a new work directory on “work” workstation
    - (a) `$ mv ~/org ~/org.orig` (if `~/org` existed, backing up)
    - (b) `$ git clone /path/to/USB/key/org.git ~/org`
  11. work, work