

## Running N3FJP Software on Chromebook:

*A Guide for the Diehard QRP Op*

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So, you've just strung up a wire dipole in the laundry room, and your rig is sitting on an upturned hamper next to the only grounded socket in your apartment. Clearly your shack is ready to roll in the next contest, but there's just one problem: in your full commitment to running QRP, you bought a Chromebook, and it can't run the N3FJP logging software!

Well friend, I have some good news, and some bad news. The bad news is that all the weird screenshots on your Chromebook might have to go... but that's okay, because the good news is that, together with KB3KCN and N3FJP, we figured out a way to have you running the N3FJP logging software in time for the next contest.

1. Boot Chromebook into Developer Mode
  - Back up first! This will wipe all data.
  - How this is done depends on your Chromebook model.
2. Open **crosh terminal**
  - Do this by pressing "CTRL + ALT + T"
3. Type "shell" in the **crosh terminal**
4. Download **crouton**
  - A guide can be found here: <https://github.com/dnschneid/crouton>
5. Run **crouton xfce4 display**

6. Open **Terminal Emulator**
7. Download **PlayOnLinux**
8. Download **wine 4.21** through **PlayOnLinux**
9. Create new **virtual drive** with *32-bit windows installation*
  - DO NOT INSTALL WINE MONO
  - It may also ask to install *wine gecko*; skip or cancel for now.
10. Install the following **IN ORDER**:  
[If errors occur, install using the **Terminal Emulator** instead.]
  - dotnet40
  - mdac28
  - jet40 (two prompts)
  - gdiplus
11. Run the following in the **Terminal Emulator**:
  - `wget 'http://n3fjp.com/programs/CQWPXBETA.exe'`
  - `wine CQWPXBETA.exe`
12. In **PlayOnLinux**, navigate to Configure > Prefix selected > Miscellaneous, click "run a .exe file in this virtual drive"
13. Run the install as needed/desired