

Emails From The Terminal

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But Why?

- Scripting
- Speed
- Linking multiple accounts
- Combining with other programs
- Less time wasted in your email client
- The internet can't deny you a local copy
- Never leaving your keyboard
- Bragging rights

What do we need?

- Neomutt
 - Mutt, but better
 - Emails, but in the terminal
- OfflineIMAP or MBSync (optional)
 - Synchronizes your remote and local email repositories
- NotMuch (included in Neomutt)
 - Indexing and Tagging

OfflineIMAP

- Create a timer and service
- My timer starts 5 minutes after startup and has 30 seconds between runs
- My service:
 - [Service]
 - Type=oneshot
 - ExecStart=/home/base/.local/mail-update
 - [Install]
 - WantedBy=multi-user.target
- My script:
 - #!/bin/bash
 - offlineimap -o -c /home/base/.offlineimaprc -a ncsu
 - offlineimap -o -c /home/base/.offlineimaprc -a personal

Option breakdown:

- -o: run once
- -c: configuration file
- -a: account

OfflineIMAP config

- https://wiki.archlinux.org/index.php/OfflineIMAP#Automatic_mailbox_generation_for_mutt
- https://wiki.archlinux.org/index.php/OfflineIMAP#Gmail_configuration
- Settings in ~/.offlineimaprc
- Set up accounts with a local and remote repository
 - Local options: Maildir, GmailMaildir, IMAP
 - Remote options: IMAP, Gmail
- Read and follow through the example configuration file
- For gmail: oauth2 or the saner, app configuration
 - App configuration: have two-step authentication and generate an app password from <https://security.google.com/settings/security/apppasswords>
 - Use this as remotepass

NotMuch

- Just the command “notmuch” by itself will guide you through config
- Settings in ~/.notmuchrc
- Call “notmuch new” after mail syncs
 - Inside my offlineimaprc
 - `postsynchook = /home/base/.local/notmuch-hook`
 - notmuch-hook
 - `notmuch --config=/home/base/.notmuch-config new`
- Add notmuch function bindings and commands to neomutt’s config

Neomutt

- Open the TUI with just “neomutt” in console
- Set options in ~/.neomuttrc
- For switching between accounts, I recommend having each account’s configuration in its own file and sourcing them on folder-hook
 - This is where you set the smtp url and password
 - smtp://[gmail address]@smtp.gmail.com:[Port]
 - Port 465 for SSL
 - Port 587 for TLS
- ~/.mailcap sets rules for what applications open what files

Neomutt Top Commands/Binds

- Terminal
 - `neomutt -s "[Subject]" [Recipient Address] -a [Attachments] < [Email Body]`
 - Send an email from terminal
 - `neomutt -h`
 - Get a help page
- TUI
 - `<Enter>`
 - Open a message/attachment
 - `<j>, <k>`
 - Down and up
 - `<v>`
 - Open attachments
 - `<r>`
 - Reply
 - `<q>`
 - Quit
 - `<i>`
 - Go back to inbox view
 - `<s>`
 - Save
 - `<?>`
 - Command list