Cheatography

TurnTorial Cheat Sheet

by electro_mike via cheatography.com/153007/cs/32938/

tMux

Action Key (🐧)	Ctrl-B
See Active Sessions	tmux ls
Attach Session	tmux a (-t <session id>)
Split View (H or V)	🐧 + % or "
Paste	🐧 +]
Move to tmux	Ctrl-Z, bg, jobs -l, disown XXX, tmux, reptyr -L XXX
Close pane	Ctrl-D
name session	🐧 + $
Zoom	🐧 + z.
Synchronize panel input	🐧 + a

vi / neoVim

Goto line 5	5G or 5gg
Delete line	dd

OpenSuse

install	sudo zypper in <package>
install other	opi <package>
software	htop, tmux, neovim, solaar, vs code, lucmos/UltrawideWindows
	prox sys bbr for better downloads
Window manager	Ctrl-Win+numpad -> 25/50/25

Open Build Server

checkout	osc co NAME:OF:DEV-TICKET
build	cd NAME:OF:DEV-TICKET/bonding/; osc build Debian_11

BondingAdmin

enter	mdep nsenter ba
set user	su - bondingadmin
set venv	. /var/lib/bondingadmin/environment/bin/activate
test	cd /bi/bondingadmin/django/ && ./manage.py test --parallel=15
test with new DB	./manage.py test --parallel 15 --recreate-db
use local	./manage.py runserver 0.0.0.0:8000 2> >(grep MIKEM)
url local	https://ba.mike.hfx.multapplied.net:8000
build	./build.sh build -j17 && ./build.sh install && bondingadmin-setup ; systemctl restart bondingadmin

Bonding

enter	mdep nsenter bond1
test	make test
build	make restart
add-interface	mdep add-bridge-interface bond1 br0 leg2
repo	deb http://mirror.multapplied.net/debian buster main contrib non-free

QA

build (/bi/estrada)	qa build-image app:bonding:-opensuse:tumbleweed

mdep

create agg	mdep create agg2 image=dist:debian:bullseye; mdep start agg2; mdep nsenter agg2; go to web ba, spaces -> node setup
resize image	mdep resize agg2 8G

git

git commit -m "First release of Hello World!"
git cherry -v destination_branch source_branch
git cherry-pick commit_id
git log --name-status HEAD^..HEAD
exec ssh-agent bash && ssh-add

Command Line Tidbits

find text in files	grep -r text_to_find *
firefox detatch tab	ctrl-L, Win-Shift-Enter
journalctl -time	journalctl --since "1 hour ago"
journalctl -unit	journalctl -u nginx.service
journalctl -other	-r (reverse) -n (number) -f (follow)

Network Analysis

Packets Per Second	bwm-ng --unit packets
Show TCP Pkts	tcpdump -ni host0 port 2001
list routing rules	ip rule list

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Network Analysis (cont)	
list table from routing rule	ip route show table XXX
modify NFT rules	**nft list ruleset > rules.nft**; edit rules.nft (add **flush ruleset;** as first line, add counters); import: **nft -f rules.nft**
list all routing IPT	iptables -t nat -L -n -v
list all routing NFT	nft list ruleset
add routing NFT	nft insert rule inet filter input ip6 saddr $IP_ADDR drop
list routing NFT	nft -a list chain inet filter input
del routing NFT	nft delete rule inet filter input handle 59
host webserver	/bi/estrada/qa/bin/test-web-server 8080
fetch webserver	curl 172.30.0.1:8080/uncom-pressible?size=120000000 -o /dev/null
ping flood	sudo ping -f 172.30.0.0
renew ip address	dhclient (or dhclient -R)
nft tracing	add trace to rule **meta mark eq 0xf0 meta nftrace set 1**; then watch in console **nft monitor trace**

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