



nanoscopic wiki

Hi there,

I'm [Heiko Mischer](#). This is my personal [wiki](#). It's purpose is to avoid the hassles of editing and displaying code with WordPress. I am migrating/moving content from [nanoscopic](#) and my [Zim desktop wiki](#) to the **nanoscopic wiki**, whenever I find time and muse to do so.

I will provide documentation for projects, scripts, configurations and all kinds of IT stuff here to give a little back to the [open source](#) projects I benefit from, as I did on [nanoscopic](#) before. For example [debian](#), [openSUSE](#), [pfSense](#), [monit](#).

Feel free to ask/comment in the comment sections provided at the bottom of most pages.



My blog: nanoscopic.de



Codeberg My repositories at Codeberg

Pages

- [Bookmarks](#)
- [Cheatsheets](#)
 - [3Ware tw_cli Cheat Sheet](#)
 - [Networking](#)
 - [Requirements Elicitation](#)
 - [tmux](#)
 - [vi](#)
- [Events](#)
- [Files](#)
 - [Hettis Hacking Schummelzettel](#)
- [Games](#)
 - [back 4 blood](#)
 - [bitburner](#)
 - [Cookie Clicker](#)
 - [EMBR](#)
 - [Flare](#)
 - [Hacknet](#)
 - [Hacknet](#)
 - [mindustry](#)
 - [Open Source Linux Games](#)
 - [Sea of Thieves](#)
 - [Smithworks](#)
 - [Starship Troopers Extermination](#)
 - [Void Crew](#)

- **HowTos**
 - **AIX**
 - AIX - Ist ein System Teil eines Clusters?
 - AIX - User anlegen und löschen
 - AIX /etc/fstab /etc/filesystems
 - Allerlei
 - **ansible**
 - Ansible Through Bastion Host
 - Usage of Ansible for Continuous Configuration Management
 - **Anydesk**
 - Anydesk Command Line Interface
 - **Apache**
 - Apache Hardening
 - **bash**
 - bash - aliases
 - Working with Bash Keyboard Shortcuts
 - Bash - Command Line Tricks
 - Confusion With File Redirection And sudo
 - fancy bash prompt
 - I/O Redirection
 - Bash process substitution
 - bash - scripting templates
 - bash - Writing Robust Bash Shell Scripts
 - **Chrome HowTos**
 - Chrome/Chromium not displaying text or images
 - **Debian GNU/Linux**
 - Using an Apple Superdrive with Debian
 - automount CIFS share with autofs
 - Debian - Brother MFC-L3750CDW
 - Debian Basic Setup
 - Find Out If A Package Is Installed
 - Debian - Google Chrome
 - Debian - x2go
 - Install/Configure dropbear for remote unlocking encrypted root/swap-file systems functionality
 - How To Install Video DownloadHelper with Coapp on Debian based Distributions
 - console.knsrc not found
 - How To Build and Run your own SuperTuxKart Server On Debian 11
 - Debian update bullseye to bookworm
 - **Diagnose**
 - Check HSTS Header
 - Finding out about package dependencies in Debian
 - Diagnose 101
 - How to Diagnose DNS and RDNS with DIG
 - Linux Diagnosis and Monitoring Tools
 - **DNS**
 - How to find the Authoritative Reverse DNS Server for a specific IP Address
 - Various DNS Stuff
 - **Dokuwiki**
 - DokuWiki to Markdown Plugin
 - **Eclipse**
 - Configure Eclipse SSL Trust Store
 - **Fedora**
 - How To Build and Run your own SuperTuxKart Server On Fedora 35
 - **friendica**
 - friendica manual install with basic security
 - **IT Utilities**
 - ventoy
 - THIS IS JUST A TEMPLATE
 - **keepass**
 - KeePassOTP, openSUSE Tumbleweed, KeePass (mono)
 - Where To Put KeePass Plugins Under Linux (Mono)
 - **General Linux / Unix**
 - How to find out if I am using wayland or X11?
 - clone a HDD
 - determine connection source hosts
 - Find Biggest Files
 - find information about commands
 - find out how long your workstation is rolling
 - determine the partition table type
 - Flatpak

- How to find stuff
 - rsync
 - Adjust Screen Brightness
 - tr
 - **E-Mail Server**
 - DMARC
 - **M/Monit & monit**
 - monitoring a host
 - Monitoring turn & stun server
 - Monitor Nextcloud Updates
 - **MySQL**
 - How To Get The Size Of A Table In MySQL
 - Wie man einen MySQL Table repariert
 - **Networking**
 - Finding the correct path MTU
 - **pfSense**
 - Install pfSense 2.6.0 Community Edition On PC Engines APU4D4
 - simple site to site VPN with pfSense and OpenVPN
 - pfsense-draytek-vigor165-telekom
 - **postfix**
 - Working With The Mailqueue
 - **Routen**
 - Routen hinzufügen entfernen
 - **SSH**
 - Generate SSH Key
 - Manage Via SSH Executable Commands
 - PuTTY-Konfiguration
 - Remote SSH Tunnel with autossh
 - SSH - check or kill master control process
 - Stronger SSH Key and keychain
 - **SSL**
 - check SSL certificates and certificate chains
 - **SUSE**
 - Using an Apple SuperDrive with openSUSE Tumbleweed
 - automount CIFS share with autofs
 - Update Draw.io On openSUSE Tumbleweed
 - Install Citrix Workspace
 - (Semiautomated) Install Eclipse IDE on OpenSUSE Tumbleweed
 - SUSE install vulkan
 - OpenSUSE Basic Setup
 - Prevent A Package Getting Reinstalled
 - SLES xrdp/RDP howto
 - SUSE Tumbleweed - Fix Name Resolution Not Working After Update
 - Keeping Multiple Kernel Versions On openSUSE Tumbleweed
 - SUSE Open Build Service
 - Sysstat
 - Zypper Cheat-Sheet
 - **systemd**
 - Nextcloud Desktop as a user service with systemd
 - **tmux**
 - Running Updates In TMUX
 - **Ubiquiti**
 - **Vagrant**
 - create-custom-vagrant-box
 - **Visual Studio Code / codium**
 - **Windows**
 - Format external USB storage for windows
 - Jailbreak certmgr.msc to export user certificates
 - yt-dlp
- **man**
 - info
 - man
 - tw_cli
- **manuals**
 - HP ProCurve 1800-8G
- **Scripts**
 - aov backup alix
 - aov-backup-kvmhost
 - apache22to24
 - ban-ip

- o [bbustatus](#)
- o [build_URL_Table_AnyDesk](#)
- o [chage-omfg](#)
- o [check-cron](#)
- o [check middleware to cman](#)
- o [check-raid-status](#)
- o [Check Routes](#)
- o [cpu-temp](#)
- o [crontab](#)
- o [fail2ban-removeban](#)
- o [fileserv-Backup](#)
- o [forcefsck_verteilen](#)
- o [hdd-temp](#)
- o [monitor-backup-everything](#)
- o [multitail-all-access-logs](#)
- o [pfSense-cluster-copy-logs-on-logrotate](#)
- o [postfixdeletemailsfromsasuser.pl](#)
- o [raidstatus](#)
- o [svndeluser](#)
- o [synergy-ctl](#)
- o [testtextrecord](#)
- o [UV - Check DNS](#)
- o [vmwin2k12r2-incrementalbackup](#)
- o [zertifix](#)

Tags

3ware(2) add(2) adjust(1) aix(5) akonadi(1) al(1) alias(1) ansible(2) anydesk(1) apache(3) apachetop(1) apple(2) apropos(1) apt(1) apt-cache(1) apu(1) apu1c4(1) apu4d4(1) architecture(1) asc(1) atop(1) authenticator(1) authorizedkeys(1) autofs(2) autossh(1) baloo(1) bandwidthd(1) bash(11) basic(2) bastion(1) bastionhost(1) bmon(1) bookworm(1) brightness(1) brightnessctl(1) brother(1) BSD(1) bullseye(1) button(1) buttons(1) cacti(1) cdrom(2) certificate(4) certificatechain(1) certmgrmcs(1) certutil(1) chain(1) cheatsheet(4) check(1) choria(1) chrome(3) chromium(1) cifs(2) citrix(1) cli(3) clone(1) clrginfo(1) cluster(1) cman(2) coapp(1) codium(1) collectl(1) column(1) command(1) commandlineediting(1) commands(1) config(1) configuration(1) conky(1) connection(1) continuous(1) control(1) controller(1) cookie(1) cookieclicker(1) copy(1) create(2) creativecommons(1) cups(1) d9vk(1) darkstat(1) dd(2) debian(13) defaultprofil(1) delete(2) delight(1) dependencies(1) determine(1) df(1) diagnose(2) diagnosis(1) dig(4) dkim(1) dmarc(1) dns(6) dnsserver(1) dnstracer(1) dokuwiki(1) dpkg(1) drawio(1) driver(1) dropbear(1) dstat(1) dvh(1) eclipse(2) ed25519(2) egrep(1) eject(2) email(2) emailserver(1) encryption(1) etcfilesystems(1) etcfstab(1) etherape(1) ethtool(1) expiration(1) export(2) external(1) eyecandy(1) fancy(1) faq(1) fat32(1) fedora(1) file(1) files(1) filesystem(3) filesystems(1) find(3) firefox(1) flare(1) flatpak(1) format(2) fping(1) free(1) friendica(1) ftop(1) game(8) games(1) generate(1) getconf(1) glances(1) goaccess(1) google(2) gpg(1) gpt(1) graphics(1) grep(1) hacking(1) hacknet(2) hardening(2) hdd(2) header(1) help(1) hetti(1) hiera(1) history(2) host(3) hostname(1) howto(96) hpprocurve18008g(1) hsts(1) http(1) http(1) https(1) icinga(1) icmp(1) icons(1) ide(1) iftop(1) imprint(1) incron(1) info(2) information(1) install(1) installed(2) io(1) ioredirection(1) iostat(2) iotop(1) ip(1) iptraf(1) iptstate(1) iputilstracepath(1) ipv4(1) ipv6(1) ispconfig(1) jailbreak(1) java(1) jerakia(1) jnettop(1) jumpserver(1) justniffer(1) kde(2) keep(1) keepass(3) keepassotp(1) kernel(1) key(3) keyboard(1) keychain(1) kill(1) konsoleksrc(1) ksysguard(1) leap(1) legal(3) libstatgrab(1) limit(1) linux(4) linuxprocessexplorer(1) list(1) locate(1) lock(1) loginctl(1) logwatch(1) loop(1) luks(1) mac(1) mailq(1) mailqueue(1) mailserver(1) man(4) manage(1) management(1) manual(1) mariadb(1) markdown(1) master(1) mbr(1) mcollective(1) mfc13750cdw(1) missing(1) mitm(1) mkfs(1) modification(1) modstatus(1) monit(4) monitoring(4) monitorix(1) mono(2) mount(2) mounting(2) mouseclick(1) mpstat(1) mrtg(1) msdos(2) mtr(1) mtu(1) multitail(2) multiversionkernel(1) munin(1) myisamchk(1) mysql(3) mysqldump(1) mytop(1) nagios(1) name(1) namerresolution(1) netatop(1) netconfig(1) nethogs(1) netsnmp(1) netstat(1) networking(1) nextcloud(2) nextclouddesktopclient(1) ngrep(1) nmap(1) nmon(1) nohup(1) ntopng(1) obs(1) open(1) openbuildservice(1) opennms(1) opensource(1) openseuse(2) openvpn(1) oracle(3) otp(1) package(3) packages(1) packetsize(1) parallelization(1) parted(2) partition(2) partitiontable(2) partitiontableformat(1) pathmtu(1) pc98(1) pcengines(2) pcp(1) pfsense(2) pin(1) ping(1) plugin(4) pmap(1) port(1) portknocking(1) postcat(1) postfix(2) postqueue(1) postsuper(1) powertop(1) prevent(1) printer(1) privacy_policy(2) process(1) processorarchitecture(1) processsubstitution(1) procexp(1) proftpd(1) prompt(1) protocol(1) proxy(1) ps(1) puppet(1) putty(1) python(1) raid(2) raidcontroller(2) rdns(1) rdp(1) redirection(2) reinstalled(1) remotessh(1) remove(1) reparieren(1) resolution(1) restrict(1) retention(1) reverse(2) reversedns(1) robust(1) roundcube(1) route(2) rrdtool(1) rsa(2) rsync(1) saidar(1) samba(2) sane(1) sar(2) sarg(1) scanner(1) schummelzettel(1) screen(1) script(3) scripting(1) scripts(1) sdd(1) search(1) security(1) server(3) serverdensity(1) session(1) setup(2) sg3utils(2) shell(3) shortcut(1) sitesite(1) size(2) sles(2) smb(2) smithworks(1) soa(1) sort(1) source(1) spf(2) squid(1) ss(1) ssh(7) sshkey(1) sshkeygen(1) ssl(4) stat(1) stderr(1) stdin(1) stdout(1) steam(1) storage(1) store(1) strings(1) stun(1) stunserv(1) substitution(1) sudo(2) sun(1) superdrive(2) supertuxkart(2) suse(17) svg(1) swatchdog(1) switch(1) sysstat(2) systemd(1) sysusage(1) table(3) tcpdump(1) tee(1) templates(1) test(1) timestamp(1) tips(1) tmux(3) tools(3) top(1) tor(1) torproject(1) tr(2) tracepath(1) traceroute(2) traceroute6(1) tracert6(1) tricks(1) trust(1) tumbleweed(11) tunnel(1) turn(1) turnserver(1) tw_cli(1) twcli(2) ubuntu(2) update(2) updates(2) uptime(1) usb(1) user(1) utmpdump(1) validate(1) vaults(1) ventoy(1) verify(1) versions(1) vfat(1) vi(1) videoconferencing(1) videodownloadhelper(1) vmstat(1) vnstat(1) vpn(2) vscode(1) vulkan(1) watch(1) wayland(1) whatis(1) windows(4) wine(1) wip(1) workspace(1) wtmp(1) x11(1) x2go(1) xargs(1) xrdp(1) xsane(1) xz(1) yes(1) ytdlp(1) zabbix(1) zenoss(1) zypper(2)

Pages which need to get fixed

- [How-to-diagnose-dns-with-dig](#)

...

- [Linux-diagnosis-and-monitoring-tools](#)

...

- [Create-custom-vagrant-box](#)

From:

<https://wiki.nanoscopic.de/> - **nanoscopic wiki**

Permanent link:

<https://wiki.nanoscopic.de/doku.php/start>

Last update: **2024/06/17 14:10**

