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# shellcheck shell=bash
#####
# Standard installation file for Ubuntu desktop.
#
# Written by Karel Zimmer <info@karelzimmer.nl>, CC0 1.0 Universal
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#####

# APP ansible pc06
sudo apt-get install --yes ansible

# APP apport *
sudo systemctl stop apport.service
sudo systemctl disable apport.service
sudo rm --force /var/crash/*
sudo sed --in-place --expression='s/enabled=1/enabled=0/' /etc/default/apport

# APP bleachbit pc-van-hugo
sudo apt-get install --yes bleachbit

# APP bluetooth pc01
# Disable internal bluetooth adapter, see: lsusb
echo 'SUBSYSTEM=="usb", ATTRS{idVendor}=="413c", ATTRS{idProduct}=="8187",
ATTR{authorized}="0" | sudo tee /etc/udev/rules.d/81-bluetooth-hci.rules

# APP brightness pc06
echo '#!/bin/sh' | sudo tee /etc/rc.local
echo 'echo 1900 > /sys/class/backlight/intel_backlight/brightness' | sudo tee --
append /etc/rc.local
sudo chmod +x /etc/rc.local

# APP calibre pc-van-hugo pc04 pc06
sudo apt-get install --yes calibre

# APP citrix pc-van-ria-en-toos
# Aka Citrix Workspace app, Citrix Receiver, and ICA Client.
# Dependency since Ubuntu 22.04.
wget --output-document=/tmp/libidn11.deb
'https://karelzimmer.nl/assets/citrix/libidn11_1.33-3_amd64.deb'
sudo apt-get install --yes /tmp/libidn11.deb
# This old version because a newer one doesn't work for Toos' work.
wget --output-document=/tmp/icaclient.deb
'https://karelzimmer.nl/assets/citrix/icaclient_20.04.0.21_amd64.deb'
sudo DEBIAN_FRONTEND=noninteractive apt-get install --yes /tmp/icaclient.deb
sudo ln --symbolic --force /usr/share/ca-certificates/mozilla/*
/opt/Citrix/ICAClient/keystore/cacerts
sudo c_rehash /opt/Citrix/ICAClient/keystore/cacerts
rm /tmp/icaclient.deb /tmp/libidn11.deb

# APP clamav pc-van-hugo
sudo apt-get install --yes clamtk-gnome

# APP cockpit pc06
# Web App: https://localhost:9090
sudo apt-get install --yes cockpit cockpit-pcp

# APP cups pc-van-emily
# Add support for Canon BJNP protocol
sudo apt-get install --yes cups-backend-bjnp

# APP dual-monitor pc06
if [[ -f /home/${SUDO_USER:-$USER}/.config/monitors.xml ]]; then sudo cp
/home/"${SUDO_USER:-$USER}"/.config/monitors.xml ~gdm/.config/monitors.xml; fi
if [[ -f ~gdm/.config/monitors.xml ]]; then sudo chown gdm:gdm
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~gdm/.config/monitors.xml; fi

# APP exiftool pc06
sudo apt-get install --yes libimage-exiftool-perl

# APP gast pc01 pc06
sudo useradd --create-home --shell /usr/bin/bash --comment 'Gast' gast || true
sudo passwd --delete gast

# APP gimp pc-van-hugo pc06
sudo apt-get install --yes gimp gimp-help-en gimp-help-nl

# APP gnome-gmail pc01 pc04 pc06
sudo apt-get install --yes gnome-gmail

# APP gnome-tweaks pc06
sudo apt-get install --yes gnome-tweaks

# APP google-chrome *
# Extensions and apps are automatically installed with
/etc/opt/chrome/policies/managed/kz.json from "kz.deb".
echo 'deb [arch=amd64 signed-by=/usr/share/keyrings/google-chrome.gpg]
https://dl.google.com/linux/chrome/deb/ stable main' | sudo tee
/etc/apt/sources.list.d/google-chrome.list
wget --output-document=- 'https://dl.google.com/linux/linux_signing_key.pub' |
sudo gpg --dearmor --yes --output=/usr/share/keyrings/google-chrome.gpg
sudo apt-get update
# Also install chrome-gnome-shell to make extensions.gnome.org work.
sudo apt-get install --yes google-chrome-stable chrome-gnome-shell
# The installation overwrites the newly added source-list.
echo 'deb [arch=amd64 signed-by=/usr/share/keyrings/google-chrome.gpg]
https://dl.google.com/linux/chrome/deb/ stable main' | sudo tee
/etc/apt/sources.list.d/google-chrome.list
# The installation adds an apt-key that is no longer needed.
sudo rm --force /etc/apt/trusted.gpg.d/google-chrome.gpg

# APP google-earth pc04
echo 'deb [arch=amd64 signed-by=/usr/share/keyrings/google-earth.gpg]
https://dl.google.com/linux/earth/deb/ stable main' | sudo tee
/etc/apt/sources.list.d/google-earth-pro.list
wget --output-document=- 'https://dl.google.com/linux/linux_signing_key.pub' |
sudo gpg --dearmor --yes --output=/usr/share/keyrings/google-earth.gpg
sudo apt-get update
sudo apt-get install --yes google-earth-pro-stable
# The installation overwrites the newly added source-list.
echo 'deb [arch=amd64 signed-by=/usr/share/keyrings/google-earth.gpg]
https://dl.google.com/linux/earth/deb/ stable main' | sudo tee
/etc/apt/sources.list.d/google-earth-pro.list

# APP handbrake pc-van-emily
sudo apt-get install --yes handbrake

# APP hosts pc01 pc06
sudo sed --in-place --expression='/^192.168.1.83/d' /etc/hosts
sudo sed --in-place --expression='/^192.168.1.64/d' /etc/hosts
echo '192.168.1.83 pc06' | sudo tee --append /etc/hosts
echo '192.168.1.64 pc01' | sudo tee --append /etc/hosts

# APP kvm pc06
# Images are in /var/lib/libvirt/images/
# Dpkg::Options due to interaction due to restore /etc/libvirt configuration
files.
sudo DEBIAN_FRONTEND=noninteractive apt-get install --yes --option
Dpkg::Options::="--force-confdef" --option Dpkg::Options::="--force-confold"
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cpu-checker qemu-kvm bridge-utils virt-manager

# APP libreoffice *
sudo apt-get install --yes aspell-nl libreoffice

# APP lidswitch pc-van-hugo pc04
sudo sed --in-place --expression='/^HandleLidSwitch=/d' /etc/systemd/logind.conf
echo 'HandleLidSwitch=ignore' | sudo tee --append /etc/systemd/logind.conf

# APP locate pc06
sudo apt-get install --yes mlocate

# APP nautilus-admin pc06
sudo apt-get install --yes nautilus-admin

# APP restricted-addons *
# No ubuntu-restricted-extras due to unreliable installation of ttf-mscorefonts-
installer, do install libavcodec-extra from that metapackage
sudo apt-get install --yes ubuntu-restricted-addons libavcodec-extra

# APP ros pc04
:

# APP signal pc06
# Web App: n/a
echo 'deb [arch=amd64 signed-by=/usr/share/keyrings/signal-desktop-keyring.gpg]
https://updates.signal.org/desktop/apt xenial main' | sudo tee
/etc/apt/sources.list.d/signal-xenial.list
wget --output-document=- 'https://updates.signal.org/desktop/apt/keys.asc' |
sudo gpg --dearmor --yes --output=/usr/share/keyrings/signal-desktop-keyring.gpg
sudo apt-get update
sudo apt-get install --yes signal-desktop

# APP sound-juicer pc-van-emily
sudo apt-get install --yes sound-juicer

# APP ssh pc01 pc06
sudo apt-get install --yes ssh
sudo sed --in-place --expression='s/PermitRootLogin
prohibit-password/PermitRootLogin no/' /etc/ssh/sshd_config
# Check for remote root access
grep --quiet --regexp='PermitRootLogin no' /etc/ssh/sshd_config
sudo systemctl restart ssh.service

# APP sushi pc06
# Select a file, press the space bar, and a preview will appear.
sudo apt-get install --yes gnome-sushi

# APP teamviewer *
# Web App: https://web.teamviewer.com
echo 'deb [signed-by=/usr/share/keyrings/teamviewer.gpg]
https://linux.teamviewer.com/deb stable main' | sudo tee
/etc/apt/sources.list.d/teamviewer.list
wget --output-document=-
'https://download.teamviewer.com/download/linux/signature/TeamViewer2017.asc' |
sudo gpg --dearmor --yes --output=/usr/share/keyrings/teamviewer.gpg
sudo apt-get update
sudo DEBIAN_FRONTEND=noninteractive apt-get install --yes teamviewer
# The installation adds an apt-key that is no longer needed.
sudo apt-key del 0C1289C0 DEB49217

# APP tree pc06
sudo apt-get install --yes tree
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# APP ufw pc01 pc06
sudo apt-get install --yes gufw
sudo ufw allow ssh
sudo ufw enable

# APP virtualbox pc-van-hugo
# If installation hangs, the computer has UEFI Secure Boot, see the log:
# -----
# Configuring Secure Boot
# -----
#
# Your system has UEFI Secure Boot enabled.
#
# UEFI Secure Boot requires additional configuration to work with third-party
# drivers.
#
# The system will assist you in configuring UEFI Secure Boot. To permit the
# use of third-party drivers, a new Machine-Owner Key MOK has been generated.
# This key now needs to be enrolled in your system's firmware.
#
# To ensure that this change is being made by you as an authorized user, and
# not by an attacker, you must choose a password now and then confirm the
# change after reboot using the same password, in both the "Enroll MOK" and
# "Change Secure Boot state" menus that will be presented to you when this
# system reboots.
#
# If you proceed but do not confirm the password upon reboot, Ubuntu will
# still be able to boot on your system but any hardware that requires
# third-party drivers to work correctly may not be usable.
# -----
# Steps to take:
# 1. Reboot.
# 2. Run kz update, who does a repair, among other things.
# 3. Provide a Secure Boot password and remember it.
# 4. Reboot.
# 5. Enroll MOK and provide the Secure Boot password from step 3.
#
# With an AMD processor, AMD-V will be enabled, but Intel often requires VT-x
# be enabled in the UEFI BIOS screen !
echo 'virtualbox-ext-pack virtualbox-ext-pack/license select true' | sudo
debconf-set-selections
# VirtualBox Guest Additions ISO are in /usr/share/virtualbox/
sudo apt-get install --yes virtualbox virtualbox-ext-pack virtualbox-guest-
additions-iso

# APP vlc pc06
sudo snap install vlc

# APP vscode pc01 pc06
sudo snap install --classic code

# APP web pc06
sudo apt-get install --yes epiphany-browser

# APP wine pc04
sudo apt-get install --yes wine winetricks playonlinux

# APP x11 *
# Force to use x11. With wayland issues with video playback and TeamViewer.
# To check execute: echo $XDG_SESSION_TYPE (should output 'x11')
sudo sed --in-place
--expression='s/#WaylandEnable=false/WaylandEnable=false/' /etc/gdm3/custom.conf

# APP youtube-downloader pc-van-emily pc-van-hugo

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sudo apt-get install --yes youtubedl-gui
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