Inject 3 — Automation

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Objective: Create a script or other system that automates updates, ran every 24 hours

I have created a systemd timer and unit file that run every 24 hours, designed for a variety of linux distros with different package managers.

When these files are placed in their respective locations, the system will run the update commands of various pacakge managers. Distros unsupported by a package manager will simply fail to run for that package manager.

[Unit]  
Description=autoupdate service  
After=network.target  
  
[Service]  
Type=simple  
ExecStart=/bin/bash -c "bash -c 'dnf update -y && dnf upgrade -y' || bash -c 'DEBIAN\_FRONTEND=noninteractive apt-get update -y && DEBIAN\_FRONTEND=noninteractive apt-get upgrade -y' || bash -c 'pacman -Syu --noconfirm'"  
Restart=never  
  
[Install]  
WantedBy=multi-user.target

[Unit]  
Description=autoupgrade timer.  
  
[Timer]  
OnCalendar=daily  
Persistent=true  
  
[Install]  
WantedBy=timers.target