



What is this?

```
May  2 13:53:53 ubuntu systemd-logind[731]: Watching system buttons on /dev/input/event4
(Parallels Virtual Keyboard)
May  2 13:53:53 ubuntu systemd-logind[731]: Watching system buttons on /dev/input/event3
(Parallels Virtual Keyboard)
May  2 13:53:55 ubuntu gdm-password]: gkr-pam: unlocked login keyring
May  2 13:54:11 ubuntu su: pam_unix(su:session): session closed for user root
May  2 13:54:11 ubuntu sudo: pam_unix(sudo:session): session closed for user root
May  2 13:55:14 ubuntu pkexec: pam_unix(polkit-1:session): session opened for user
root(uid=0) by (uid=1000)
May  2 13:55:14 ubuntu pkexec[196654]: parallels: Executing command [USER=root]
[TTY=unknown] [CWD=/home/parallels] [COMMAND=/usr/lib/update-notifier/package-
system-locked]
May  2 14:14:18 ubuntu gdm-password]: gkr-pam: unlocked login keyring
May  2 14:17:01 ubuntu CRON[200038]: pam_unix(cron:session): session opened for user
root(uid=0) by (uid=0)
May  2 14:17:01 ubuntu CRON[200038]: pam_unix(cron:session): session closed for user root
May  2 14:25:19 ubuntu gdm-password]: gkr-pam: unlocked login keyring
```



This is a log excerpt from a Linux-based operating system (specifically, Ubuntu). It includes a series of log entries generated by various system services and applications. The logs provide a timestamped record of events and actions taking place on the system. Here's a brief explanation of the events listed:

1. ``systemd-logind`` is a system service that manages user logins and is watching system buttons for input events related to the Parallels Virtual Keyboard.
2. ``gdm-password`` is a part of GNOME Display Manager (GDM), which is responsible for graphical login. It shows that the login keyring has been unlocked, indicating a successful login.
3. ``su`` and ``sudo`` entries indicate that a user has switched to the root user account and has closed the session afterward.
4. ``pkexec`` is a Polkit command for executing a command as another user (typically root). Here, it's executing the ``/usr/lib/update-notifier/package-system-locked`` command.
5. ``CRON`` entries show that a scheduled task (cron job) has been executed and closed for the root user.

These log entries can be useful for system administrators or users to diagnose issues, monitor system events, or review the security of the system.



What log file was that excerpt from?



The excerpt you provided is most likely from the ``/var/log/auth.log`` file. This file contains logs related to authentication and authorization activities on a Linux-based system, such as Ubuntu. The presence of log entries related to user logins, switching user accounts, and executing privileged commands (e.g., sudo, su, and pkexec) suggests that this excerpt is from the ``auth.log`` file.