

**NAME**

systemd-logind.service, systemd-logind – Login manager

**SYNOPSIS**

systemd-logind.service

/lib/systemd/systemd-logind

**DESCRIPTION**

**systemd-logind** is a system service that manages user logins. It is responsible for:

- Keeping track of users and sessions, their processes and their idle state. This is implemented by allocating a systemd slice unit for each user below `user.slice`, and a scope unit below it for each concurrent session of a user. Also, a per-user service manager is started as system service instance of `user@.service` for each logged in user.
- Generating and managing session IDs. If auditing is available and an audit session ID is already set for a session, then this ID is reused as the session ID. Otherwise, an independent session counter is used.
- Providing [polkit](#)<sup>[1]</sup>-based access for users for operations such as system shutdown or sleep
- Implementing a shutdown/sleep inhibition logic for applications
- Handling of power/sleep hardware keys
- Multi-seat management
- Session switch management
- Device access management for users
- Automatic spawning of text logins (getty's) on virtual console activation and user runtime directory management

User sessions are registered with logind via the **pam\_systemd**(8) PAM module.

See **logind.conf**(5) for information about the configuration of this service.

See **sd-login**(3) for information about the basic concepts of logind such as users, sessions and seats.

See the [logind D-Bus API Documentation](#)<sup>[2]</sup> for information about the APIs systemd-logind provides.

For more information on the inhibition logic see the [Inhibitor Lock Developer Documentation](#)<sup>[3]</sup>.

**SEE ALSO**

**systemd**(1), **systemd-user-sessions.service**(8), **loginctl**(1), **logind.conf**(5), **pam\_systemd**(8) **sd-login**(3)

**NOTES**

1. polkit  
<http://www.freedesktop.org/wiki/Software/polkit>
2. logind D-Bus API Documentation  
<https://www.freedesktop.org/wiki/Software/systemd/logind>
3. Inhibitor Lock Developer Documentation  
<https://www.freedesktop.org/wiki/Software/systemd/inhibit>