



IMT Alès client-serveur 2020-2021

Run as a service on Linux (for a user atest09)

Step 1 — Create a service

```
sudo nano /etc/systemd/system/socket-keyboard-server.service
copy/paste following into the file
[Unit]
Description=My Socket Java Service
[Service]
User=atest09
ExecStart= /usr/bin/java -jar
/home/atest09/deploy_2020/cs_2020_tpx_kbd_server/target/socket-
keyboard-server-jar-with-dependencies.jar
SuccessExitStatus=143
TimeoutStopSec=10
Restart=on-failure
RestartSec=5
[Install]
WantedBy=multi-user.target
```

Step 2 — Start service

```
sudo systemctl daemon-reload
sudo systemctl enable socket-keyboard-server.service
sudo systemctl start socket-keyboard-server
sudo systemctl status socket-keyboard-server
```

Step 3 — Setup Logging

```
sudo journalctl --unit=socket-keyboard-server
```

See realtime logs using -f option.
Use -n <# of lines> to view specified number of lines of log

```
sudo journalctl -f -n 1000 -u socket-keyboard-server
```

Tail the live log using -f option

```
sudo journalctl -f -u socket-keyboard-server
```

Step 4 — Stop service

```
sudo systemctl stop socket-keyboard-server
```