Current Developments in Hardware Integration for Plasma

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Report at Akademy 2024

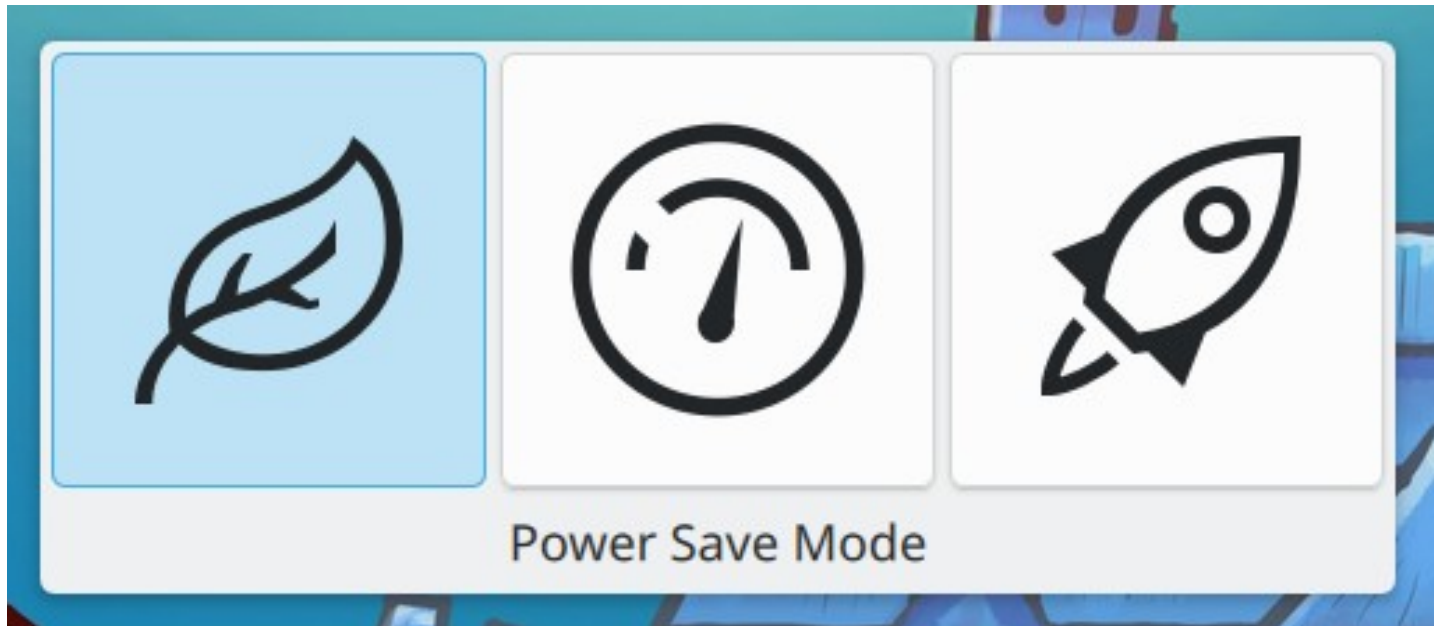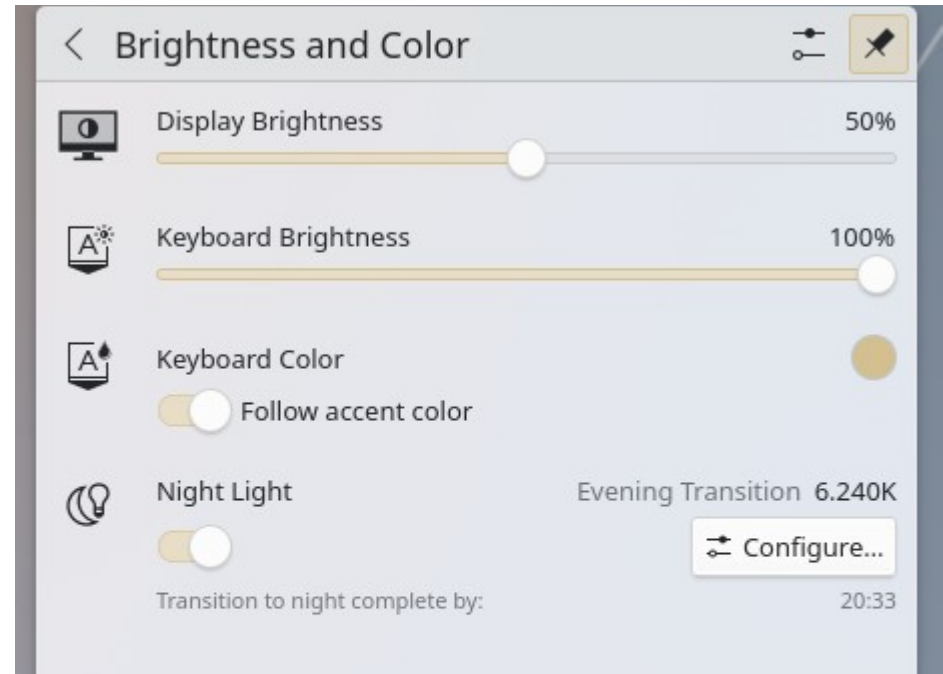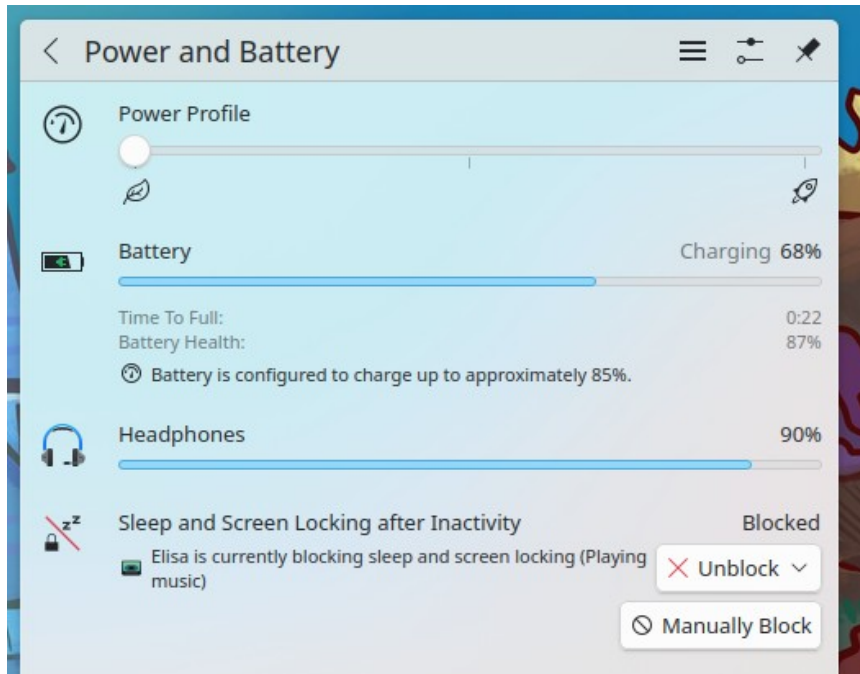# Current Developments in KDE Hardware Integration

Achievements

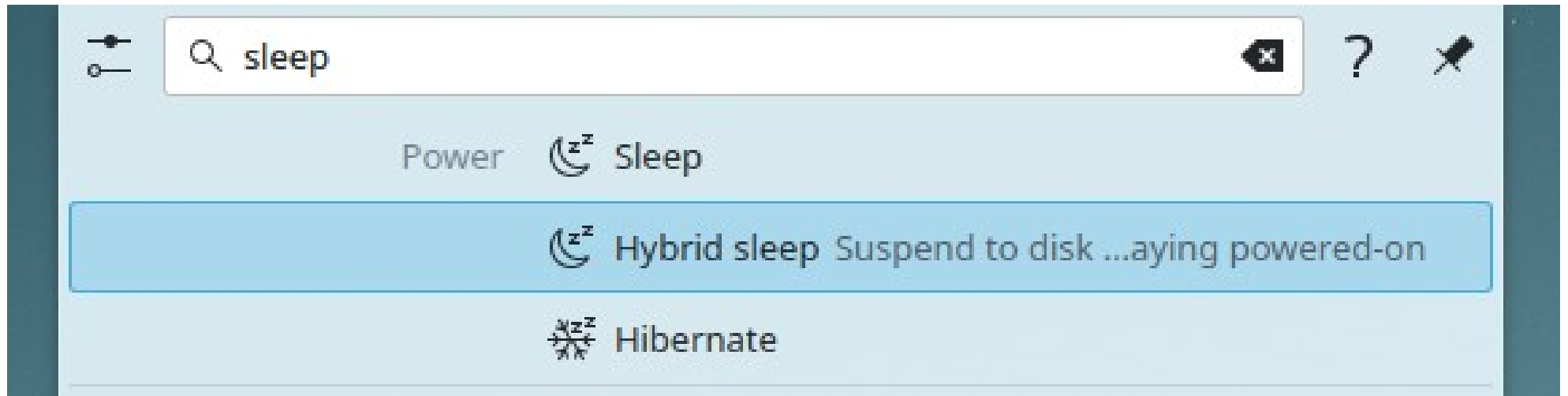# Interactive On-Screen Display to Switch Power Profiles
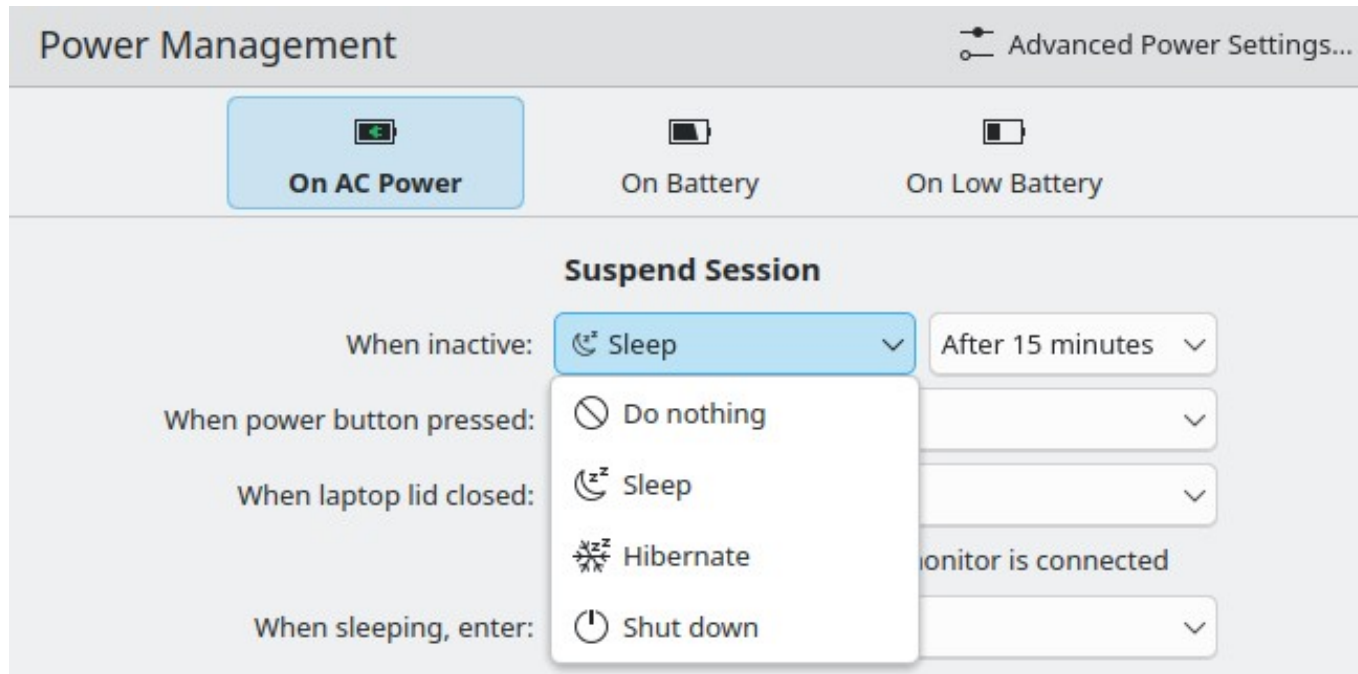

Power Save Mode

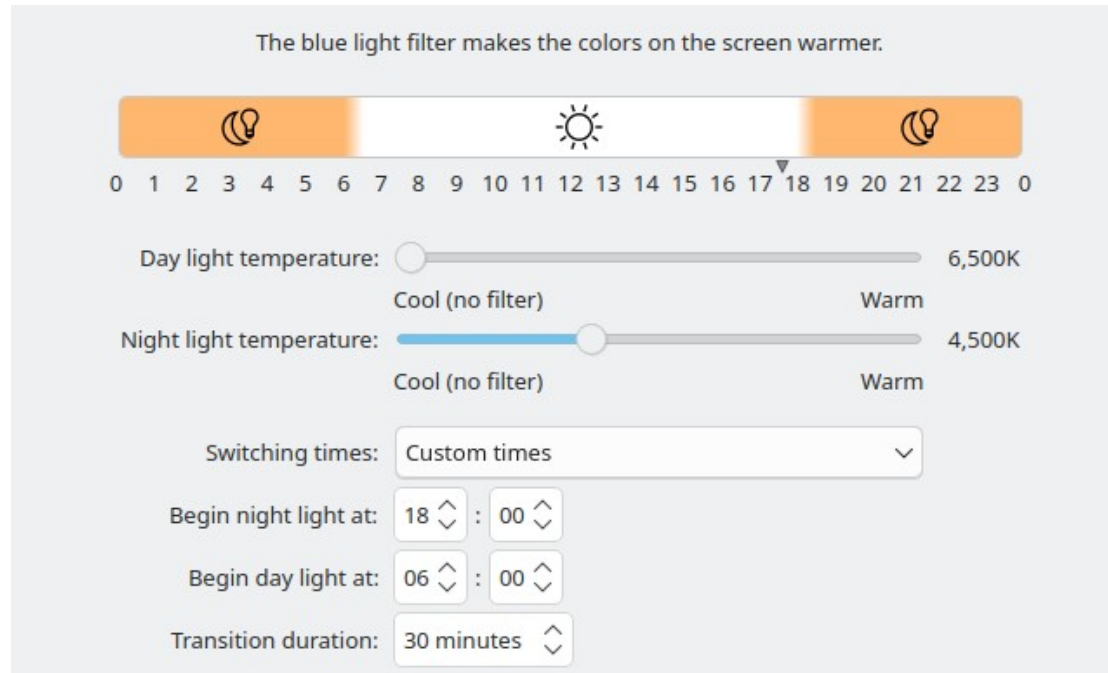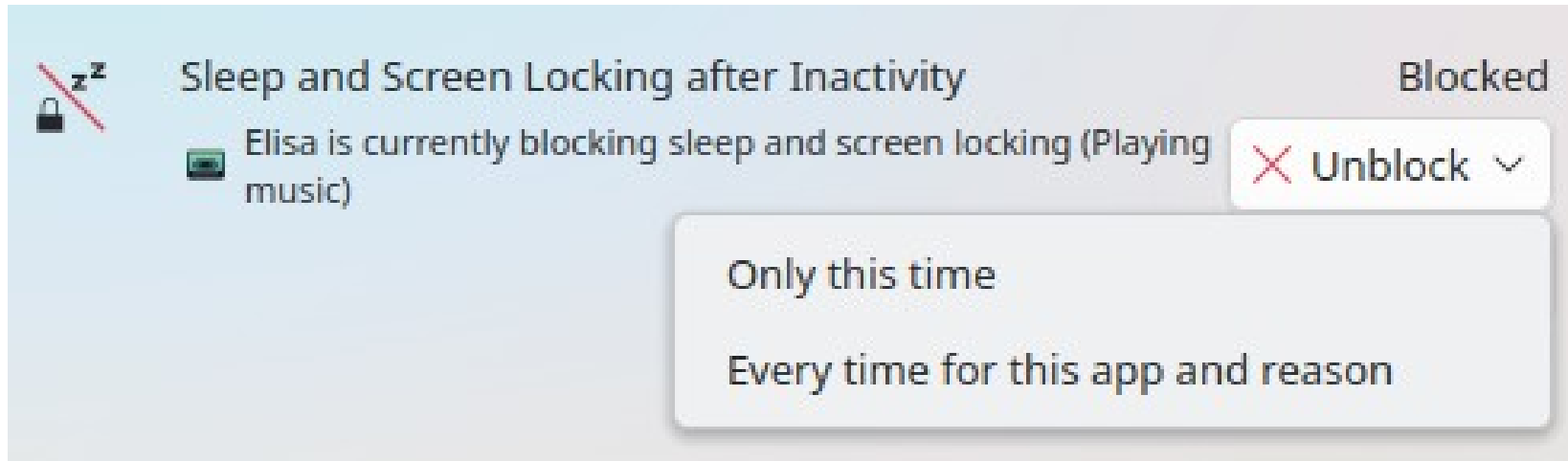# Battery and Brightness Applets Reworked

Power Management KRunner Enhanced

Suspension and Keyboard Backlight Improved

Night Light Settings Overhauled

Apps Configurable to Block from Inhibiting Sleep

Device LEDs Synchronized with Accent Color
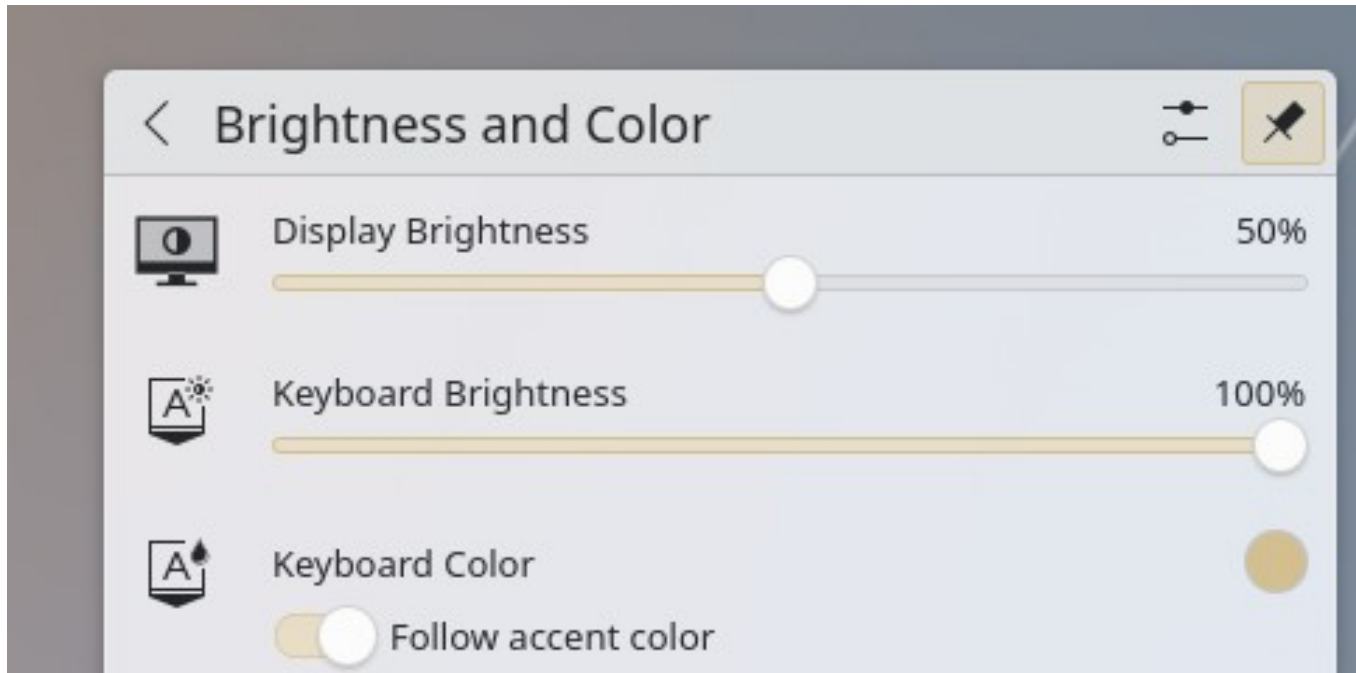
Current Developments in KDE Hardware Integration

Progress

Device LEDs with User-Chosen Color

Smarter Suspension and More Fine-Grained Inhibition Control

Drag and Drop for Drawing Tablets

Current Developments in KDE Hardware Integration

Ambitions

Power Management Settings Redesign

```
Screen brightness:    [🔦 ▴] --------()-  90%
                      [🔋]      ------()---  70%
                      [🔋]      --()------- 30%

Keyboard brightness: [🔦 ▴] --------()-  90%
                      [🔋]      ------()---  70%
                      [🔋]      --()------- 30%

                              ...


              ----------


Suspend automatically: [🔦 ▴] [Do nothing ▾]
                       [🔋]     [Sleep      ▾] [after 10 min ↕]
```

Better Coverage and Handling for Battery Charge Thresholds

Support for More Power Profiles

Configurable Touchpad Gestures

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