Plasma 5 Status

• Design now integral part of the process
• Code review is almost universal
• More automated testing, plus live builds
• Users appreciate focus on stability and
• Rapid releases
• Team-driven governance model works well
• Little friction among devs and users
Plasma Last Year

- Frameworks 5 and Plasma 5 are maturing
- 5.8 LTS is well received
- Processes needed some adjustments, but overall we’re very happy
- LTS fills a niche and makes distros happy
Plasma: What’s up Now?

- Big push for Wayland
- Productivity features
- Plasma Mobile
- Kirigami matures
- System Settings overhaul
Why Wayland?

- Leaner graphics stack
- Better protocol semantics
- Improved rendering: Less tearing, More FPS
- Potentially more secure
- Improved High-DPI display support
Wayland Status

- It’s “getting there”
- More testing needed (Neon Images!)
- Wayland on Nvidia hardware is an unsolved problem
- More testing is needed
- More help is needed as well!
Taskbar Enhancements

• Jump lists, for e.g. filesystem places
• Progress of downloads and other jobs in task manager
• Window switching shortcuts (Meta + <number>)}
Folderview and Widgets

- Folderview by default
- Widgets inside folder view
- Resizing widgets by dragging borders
- Lots of rendering improvements, performance and bugs fixed
Plasma Vault

- Encrypted Volumes
- Ties in with Activities
AppMenu is back!
Boot-to-Shutdown artwork
Improved Touchscreen Support
Interactive Previews

[Image of a computer screen showing a screenshot of the Dolphin file manager with a new screenshot named 'Screenshot_20170714_145420.png' saved to the 'Pictures' folder.]
Web Browser Integration

- Media controls
- Download progress in task manager
- Send URL to device (via KDE Connect)
- Browser tabs runner
- More to come...
Plasma Integration

General

- **Media Controls**
  Lets you control video and audio players in websites using the Media Controller plasmod.

- **Send via KDE Connect**
  Adds a context menu entry to links enabling you to send them to your phone and other paired devices using [KDE Connect](https://kdeconnect.kde.org).

- **Show downloads in notification area**

- **Find browser tabs in “Run Command” window**
  Make sure the “Browser Tabs” module is enabled in [Plasma Search settings](https://plasma.kde.org).

- **Statistics and Quick Share**
  Tracks visited websites in KDE Activities and also allows for easy sharing using the Quick Share plasmod.

- **Show icon when incognito windows are open**
  Adds an icon to System Tray whenever an incognito window is opened that allows to close them at once. This only works if the extension is allowed to run in Incognito mode at which point incognito pages are available to the listed features (including KRunner, if enabled).

- **Use Breeze-style scroll bars**
  This may break the appearance of websites that already style their scroll bars and might also cause issues with scrollable elements within a page.

Notifications

---

**Downloading**

- **neon-useredition-current.iso**
  
  Source: [https://files.kde.org/neon/images/current/neon-useredition-current.iso](https://files.kde.org/neon/images/current/neon-useredition-current.iso)

  Destination: `/home/broulik/Downloads/neon-useredition-20170706-1018-amd64.iso`

  14.4 MiB of 1.2 GiB

  216.7 KiB/s (1 hour(s) and 39 minute(s) remaining)
System Settings 3.0

- System Settings gets a UI overhaul
- New Mode is optional, tree and icon view still exist
- Modules continue to be improved, but will take some time
System Settings 3.0
store.kde.org is flourishing (Donations!)
Plasma Mobile: Halium

- Less contenders (Firefox and Ubuntu Mobile are gone)
- Halium collaboration effort
- New reference device: Nexus 5X
- New hardware support much easier
Plasma is a cross-device work environment by the KDE Community where trust is put on the user’s capacity to best define her own workflow and preferences.

Plasma is simple by default, a clean work area for real-world usage which intends to stay out of your way. Plasma is powerful when needed, enabling the user to create the workflow that makes her more effective to complete her tasks.

Plasma never dictates the user's needs, it only strives to solve them. Plasma never defines what the user is allowed to do, it only ensures that she can.

Our motivation is to enable actual work to happen, across devices, across different platforms, using any application needed.

We build to be durable, we create to be usable, we design to be elegant.
Plasma Future: Next LTS

- Plasma 5.12 will be the next LTS release
- Supported for at least 2 years
- ~6 months support overlap with 5.8 LTS
- Very similar to how we handle 5.8 LTS
- Required Qt is 5.9 (also LTS)
- Aligns well with downstream plans
Plasma Future: Containerizationization

- Containerization technology matures
- Great way to deliver the latest apps to users
- More direct way of deployment
- Better control over the stack
- Especially worthwhile within the scale of KDE
- Support in Discover and store.kde.org
Plasma Future: Stable!

• No *Big Break* on the horizon
• Core will continue to be improved
• Bugs fixed
• Performance improved
• Features added
• Also: Wayland!
Thanks!

Muchas Gracias!