



# Plasma for Device Creation

QtCon Brasil 2018, São Paulo

Kai Uwe Broulik, Blue Systems / KDE

[kde@broulik.de](mailto:kde@broulik.de)



## About Me

Kai Uwe Broulik

Software Engineer, Plasma core developer

kde@broulik.de

- Since 2010: KDE Community member
- 2013–2017: Qt Android + iOS
- Since 2018: Blue Systems





- Founded 1996 in Germany
- Original goal: create unified UNIX desktop
- Most known for Plasma Desktop
- High-quality cross-platform applications, developer tools, and libraries

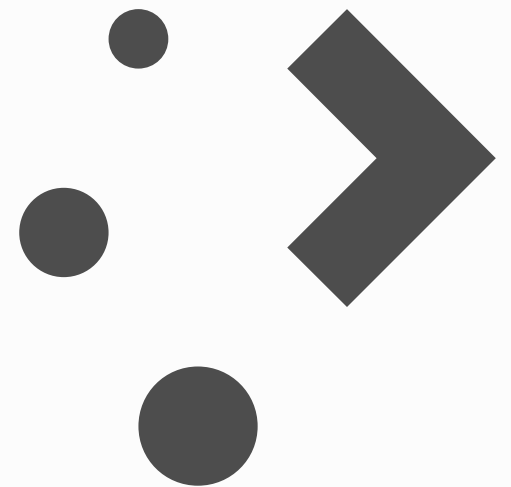




# KDE History



What is Plasma?





# What is Plasma?





# What is Plasma?





# What is Plasma?







# What is Plasma?





# What is Plasma?

Plasma

Search...

- Web Browser  
Falkon
- System Settings  
System Settings
- File Manager  
Dolphin**
- Advanced Text Editor  
Kate
- Software Center  
Discover
- Digital Painting  
Krita

Favorites Applications Computer

QtCon — Dolphin

Plasma

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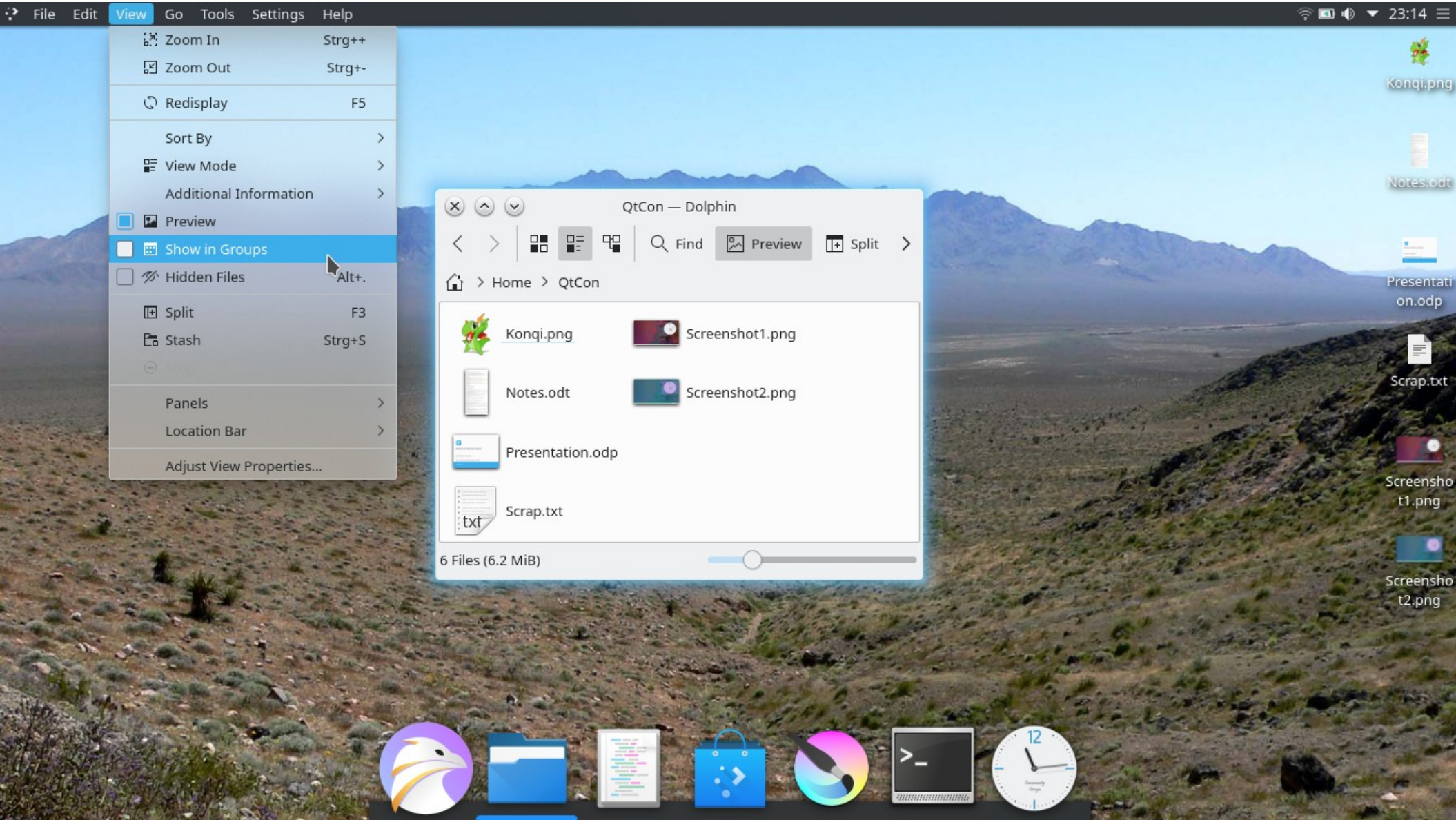
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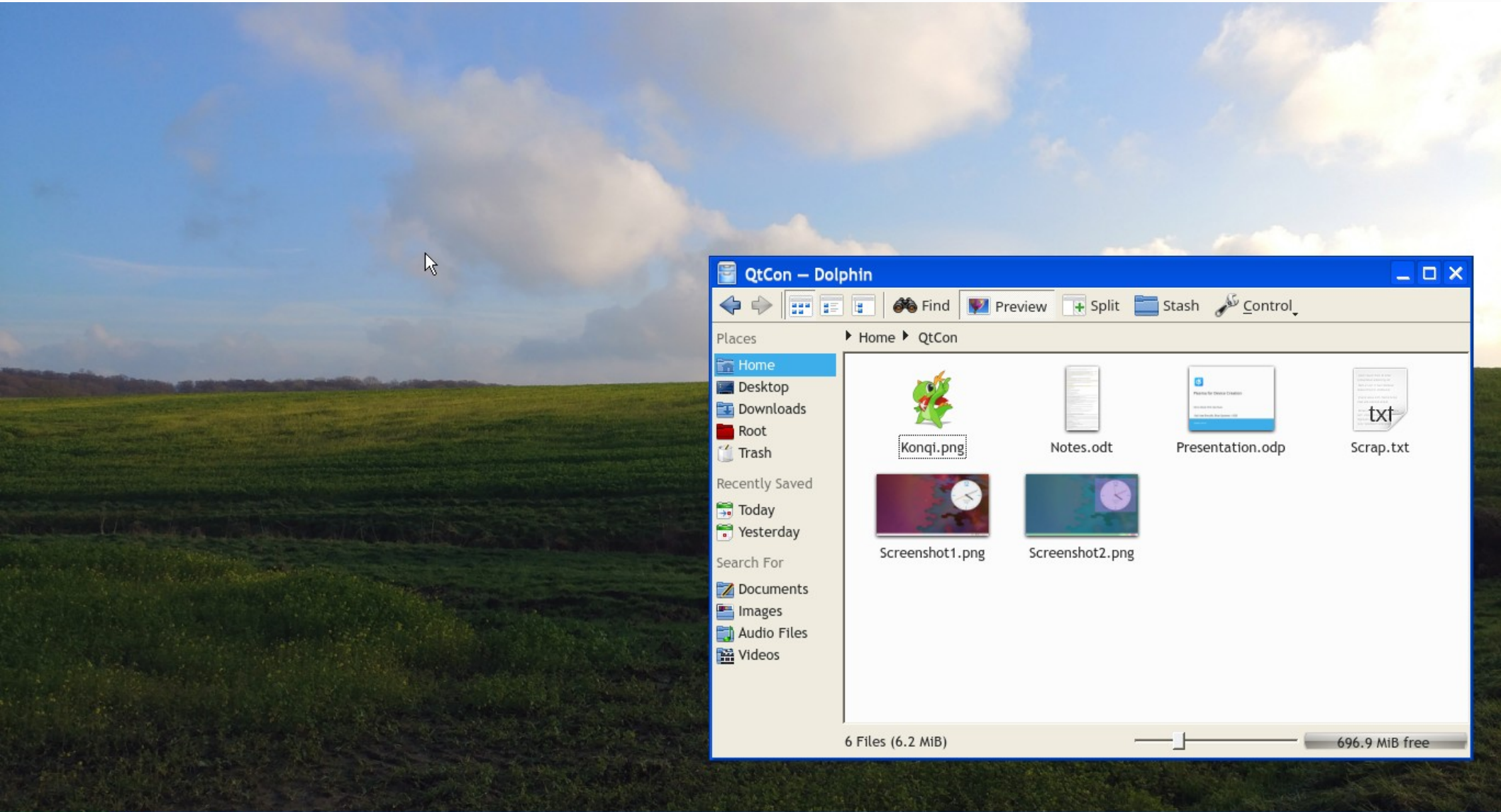


# What is Plasma?





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Plasma



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Falkon



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Favorites



Applications



Computer



History



Leave



# What is Plasma?

A screenshot of the KDE Plasma desktop environment. The background is a dark, abstract pattern of overlapping hexagons in shades of purple, blue, and red, with a bright, glowing light source on the right side. In the bottom-left corner, the application menu is open, displaying a list of categories and applications. The 'Graphics' category is highlighted, and its sub-menu is visible, listing several image-related applications. At the bottom of the menu is a search bar.

Recent Applications

Recent Documents

Development

Education

Games

Graphics

Internet

Multimedia

Office

Settings

System

Utilities

Help

Power / Session

Search...

GNU Image Manipulation Program

Gwenview

Inkscape

Koko

KolourPaint

Krita

LibreOffice Draw

Okular

Skencil



# What is Plasma?

Apps & Docs Widgets

Type to search.

## Favorites



Falkon



System Sett...



Dolphin



Kate



Discover



Krita



Konqueror



Konsole



KFind



Firefox We...



KBlackBox



KAtomic



GCompris E...



KWrite



Okular



Mycroft Gui

Recent Applications

Recent Documents

All Applications

Development

Education

Games

Graphics

Internet



Logout



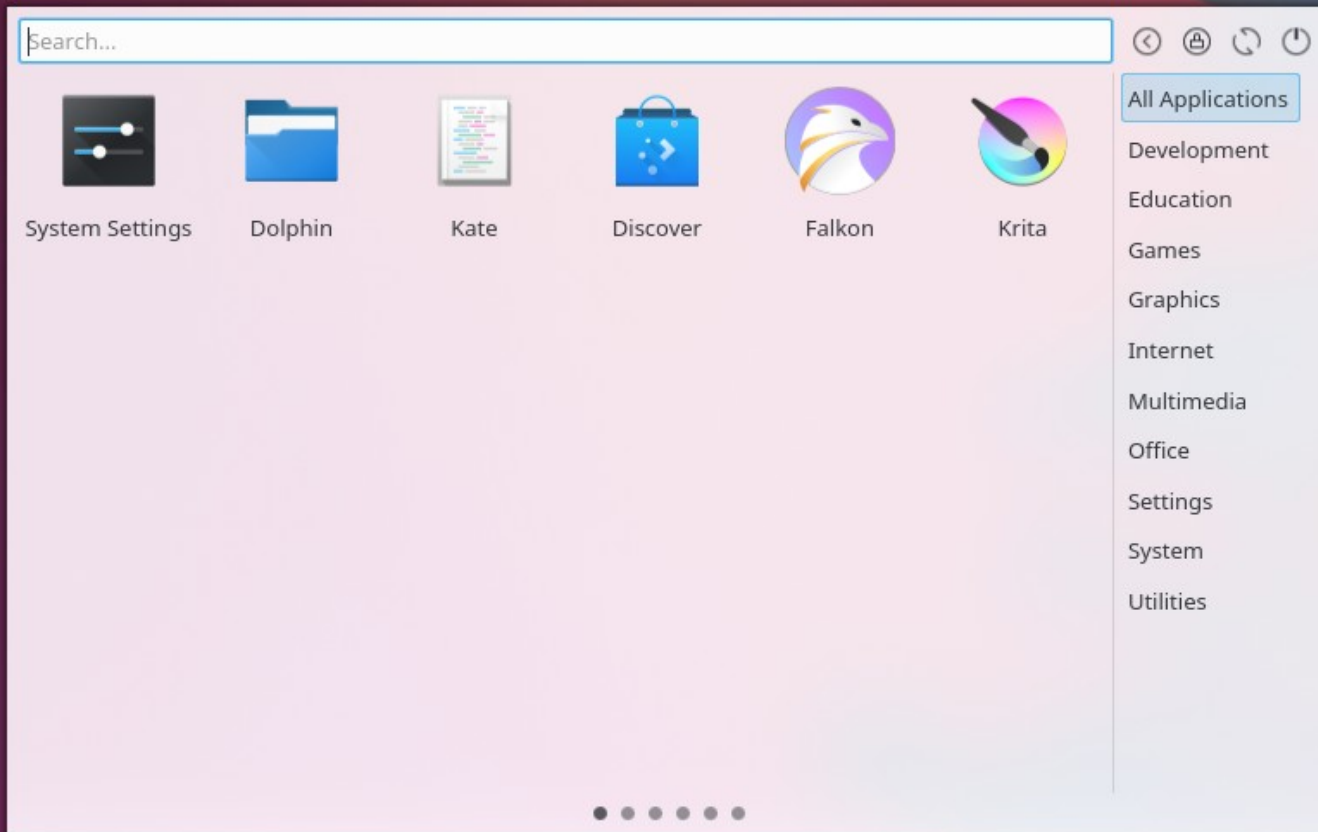
Reboot



Shut Down



# What is Plasma?







# What is Plasma?



Konqi.png



Notes.odt



Screenshot1.png



Screenshot2.png



Presentation.odp



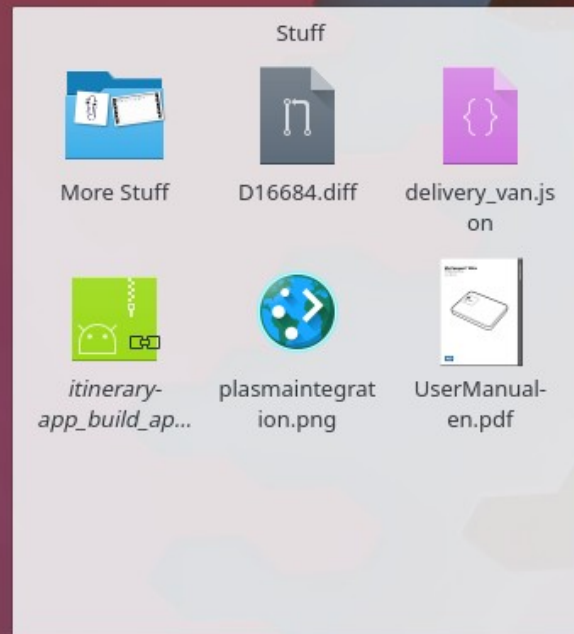
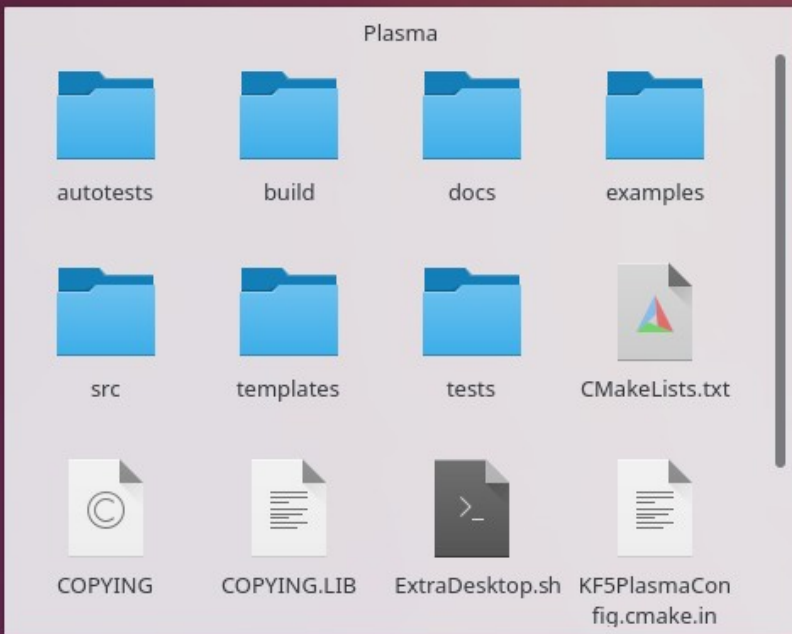
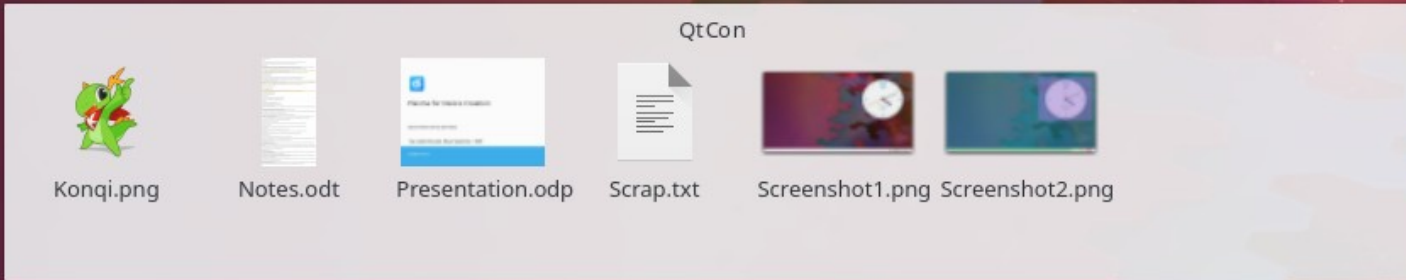
Scrap.txt



Trash

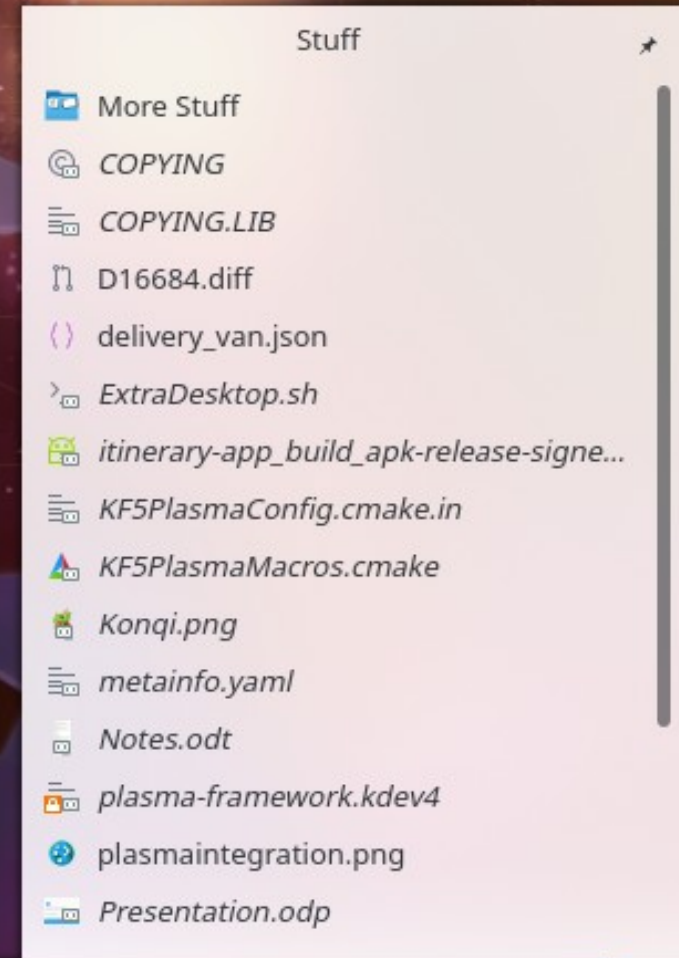


# What is Plasma?





# What is Plasma?





# What is Plasma?

- Highly customizable workspace shell
- Everything is a plugin
- Great for augmenting existing products



+





# Plasma + Mycroft

MYCROFT DISABLED

Let's Continue ?

Mycroft by default is powered by a cloud-based speech to text service. Mycroft gives you the ability to change speech to text services or use a locally configured one within their settings at [home.mycroft.ai](http://home.mycroft.ai).

Texas woman, 82, dies after voting for the first time, family says

An 82-year-old Texas woman passed away Monday morning -- just days after she cast her first-ever ballot.

Fox News Powered By: NewsAPI

Election Day weather in Maryland: Severe storms in forecast, 'a couple tornadoes can't be ruled out'

Rain showers and a line of early afternoon thunderstorms are in the forecast for Maryland on Election Day. Periods of rain are likely through Monday and into Tuesday morning. A cold front is expected to cross the region midday Tuesday, bringing a chance for s...

Baltimoresun.com Powered By: NewsAPI

Ready or not, Blackhawks entering new era with hiring of 33-year-old Jeremy Colliton as head coach

Ready or not, the Blackhawks are entering a new era with the hiring of 33-year-old Jeremy Colliton after relieving the head coaching duties of Joel Quenneville, who's the second winningest coach in NHL history.

Nbcsports.com Powered By: NewsAPI

Could Life Hitch a Ride on Interstellar Visitors Like 'Oumuamua?

The first known interstellar visitor to the solar system, 'Oumuamua, highlights how life

Ask Another Stop Clear

Enter Query or Say 'Hey Mycroft'



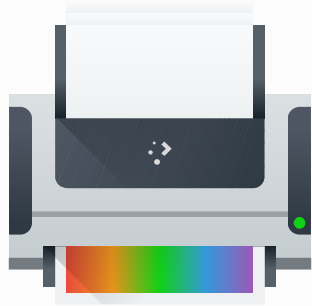


# Plasma + Mycroft





# Plasma Interfaces







KWin





# KDE Slimbook





Pinebook





# Plasma in your Product

- Use Plasma
- Integrate Plasma
- Contribute to KDE
- Develop inside KDE



## Use Plasma

- LGPL Version 2.1
- Compatible with Qt licensing
  - Both open source and commercial
- Suitable for open source and commercial use



# KDE Incubator Benefits

- Infrastructure
- Support
- Promotion
- Translations
- Invitation to events





Get in touch

KDE Foundation Board  
kde-ev-board@kde.org

- Non-profit support organization
- Contact point for you
- Working on platform to connect partners



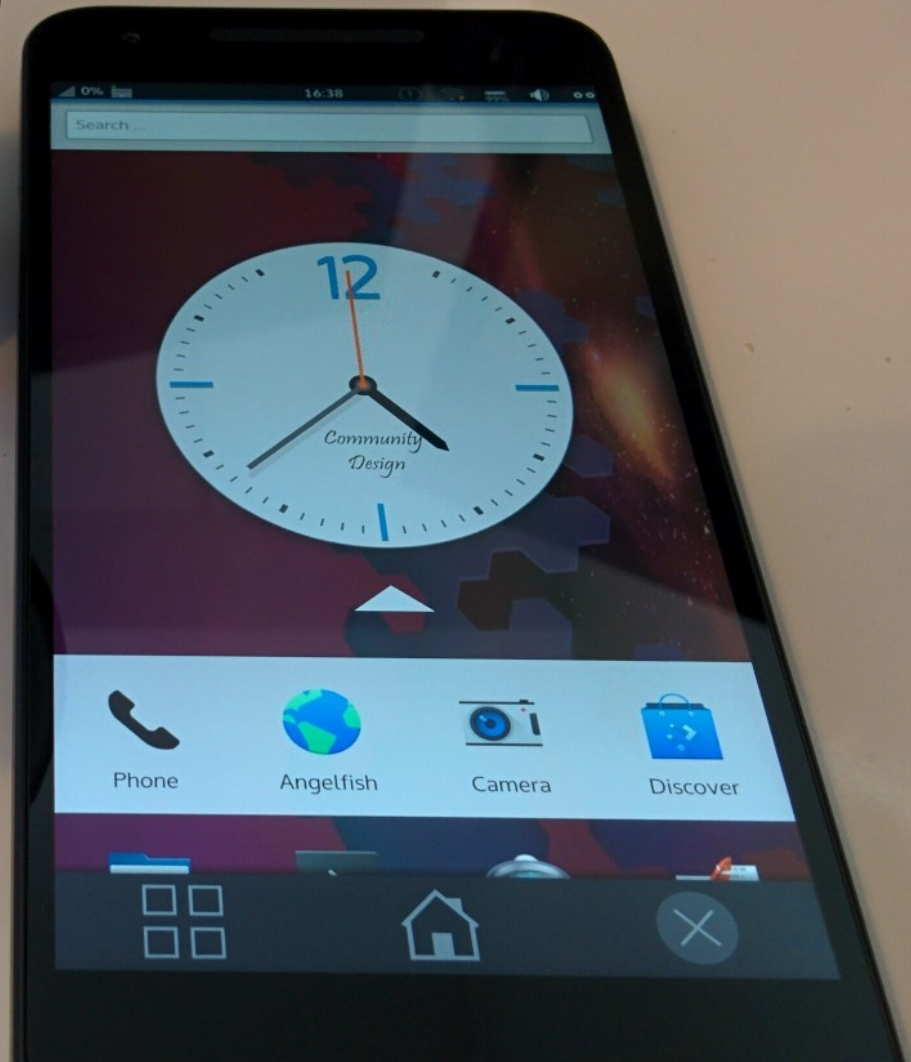
Plasma has got you covered







Plasma has got you covered



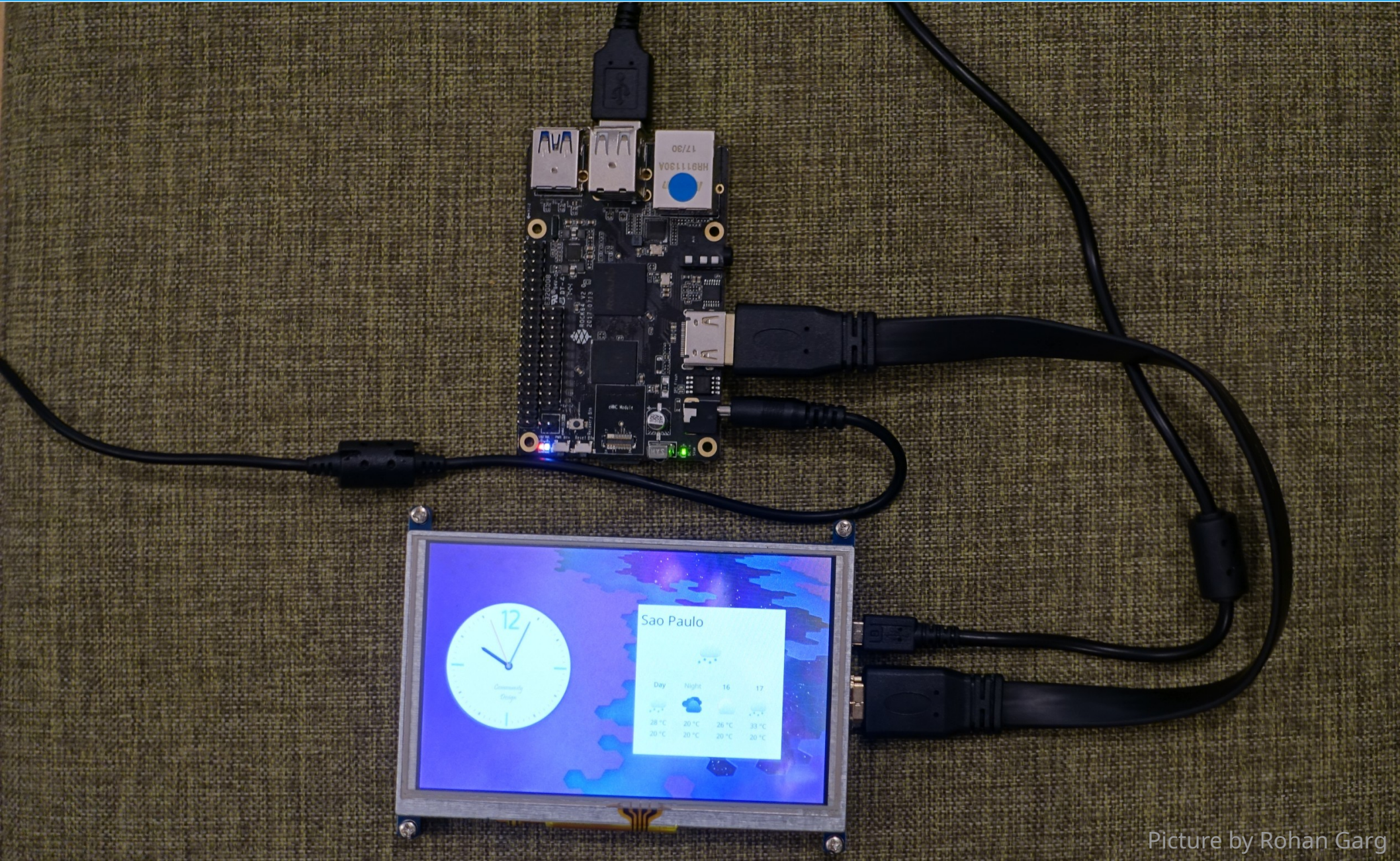


Plasma has got you covered





# Plasma has got you covered



Picture by Rohan Garg



Plasma has got you covered





Plasma has got you covered



Perguntas?



Obrigado!