



KDE Frameworks 6

Plans and progress

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- Do the bulk of the work without branching in a releasable, Qt 5-based codebase
- Branch late, keep branch lifetime as short as possible
- Prepare changes requiring branching with actionable tasks
- “Leave no module behind”



Current status

- KF ~~largely~~ builds on Linux, FreeBSD and Android
 - Windows ~~still missing~~: 30/55 building
- CI coverage + mostly working unit tests
- Plasma platform integration bits “build” and work
- Widget applications usually work, QML ones need changes
- Minimal disruption and ongoing 5-based releases



Screenshot or it didn't happen!

The image is a composite screenshot of a Linux desktop environment, likely openSUSE Tumbleweed, showing several windows and system information.

- System Settings:** The "About this System" window is open, displaying the openSUSE Tumbleweed logo and system details:
 - Software:** KDE Plasma Version: 5.25.80, KDE Frameworks Version: 5.98.0, Qt Version: 6.3.1, Kernel Version: 5.19.8-1-default (64-bit), Graphics Platform: X11
 - Hardware:** Processors: 8 x 11th Gen Intel® Core™ i7, Memory: 31.1 GiB of RAM, Graphics Processor: Mesa Intel® Xe Graphics
- Konsole:** A terminal window titled "kcmutils: kirigami2galler — Konsole" shows a command prompt where the user has run `kirigami2gallery`. The output includes a warning about QML debugging and a message: "Created a KConfigGroup on an inaccessible c...".
- About Konsole:** A smaller window titled "About Konsole" shows the version "Version 22.11.70" and lists components like "KDE Frameworks Version 5.98.0" and "Qt Version 6.3.1 (built against 6.3.1)".
- Kirigami Gallery:** The "Kirigami Gallery" application is open, displaying a search bar and four categories of UI components: "Buttons", "Chips", "Selection Controls", and "Drawers".

The desktop background features a colorful, abstract pattern. The system tray at the bottom shows the time as 13:52 on 17 Sep 2022, along with network and battery icons.



Branching blockers

- ~~Qt 6.4 release~~
- Public QTextCodec use in KF::Codecs
- QQC1/PC2 assessment/porting
- ~~At least one QSB pilot port~~
- Infrastructure support (CI, metadata, etc)
- External dependencies
- Building Plasma?



Branching

- When/how?
- Scope: KF6, or KF6 + Plasma 6 + ...?
- Keeping the branch lifetime as short as possible means time is running out for big changes!
- BoF: Monday 15:00 CEST Room 1



Join the BoF!

Monday 15:00 CEST Room 1

Bi-weekly meeting: Tuesday 17:00 CEST
at <https://meet.kde.org/b/ada-mi8-aem>
#kde-devel / kde-frameworks-devel@kde.org