Convergent Applications with Kirigami

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QtCon BR

Who am I?

Aleix Pol Gonzalez

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Software Developer at Blue Systems

KDevelop, Discover, KDE Edu | KDE e.V. Board

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Making software solutions is hard

Making software solutions is hard and expensive

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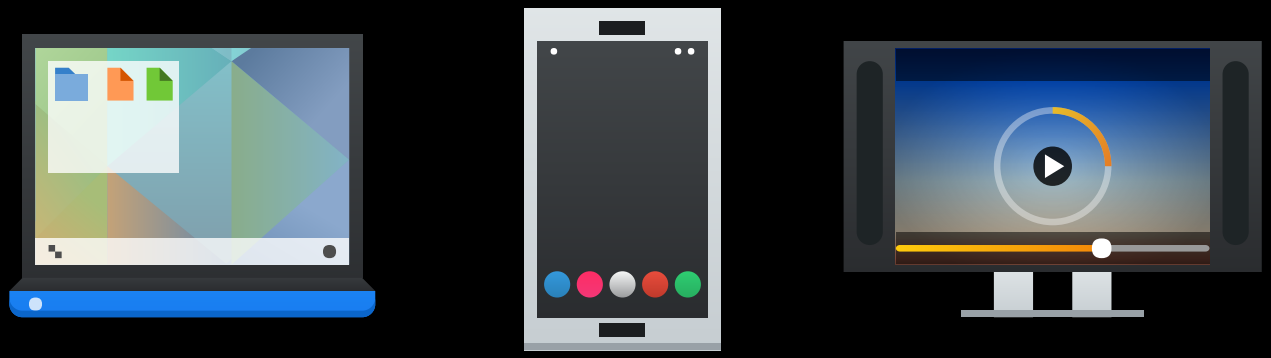

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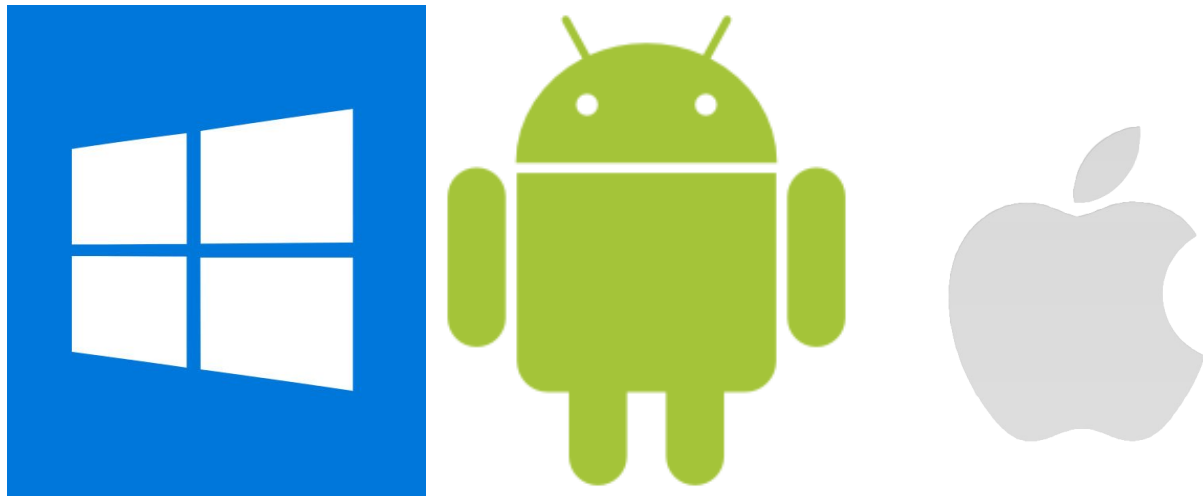
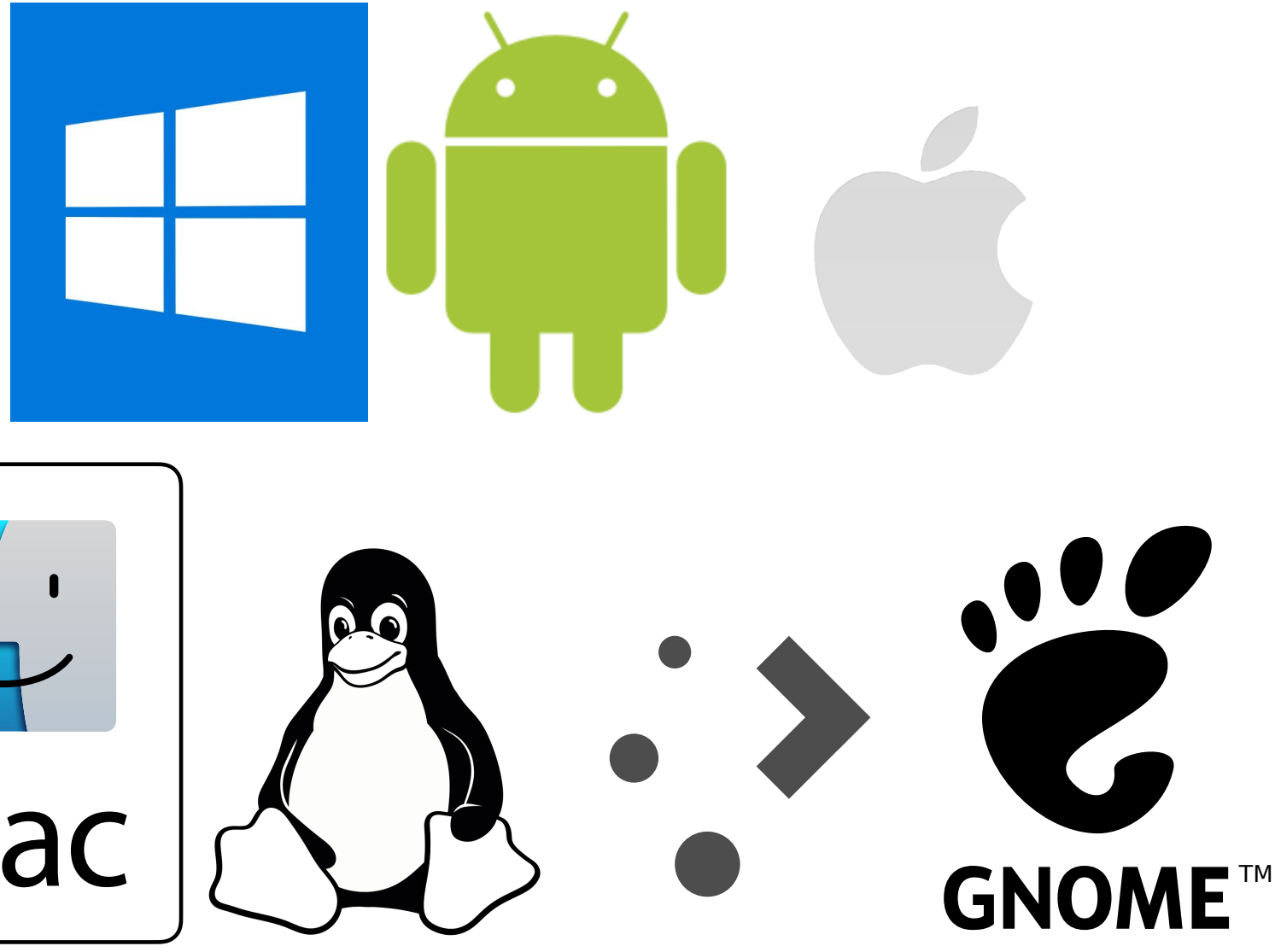
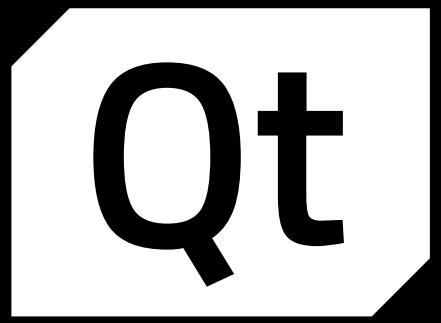



Mac
GNOME™


Qt

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What is Kirigami?

https://techbase.kde.org/Kirigami

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A lightweight user interface framework

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Allows Qt developers...

to easily create applications...

for most major mobile and desktop platforms.

Using Qt Quick Controls and high level components

Kirigami HIG

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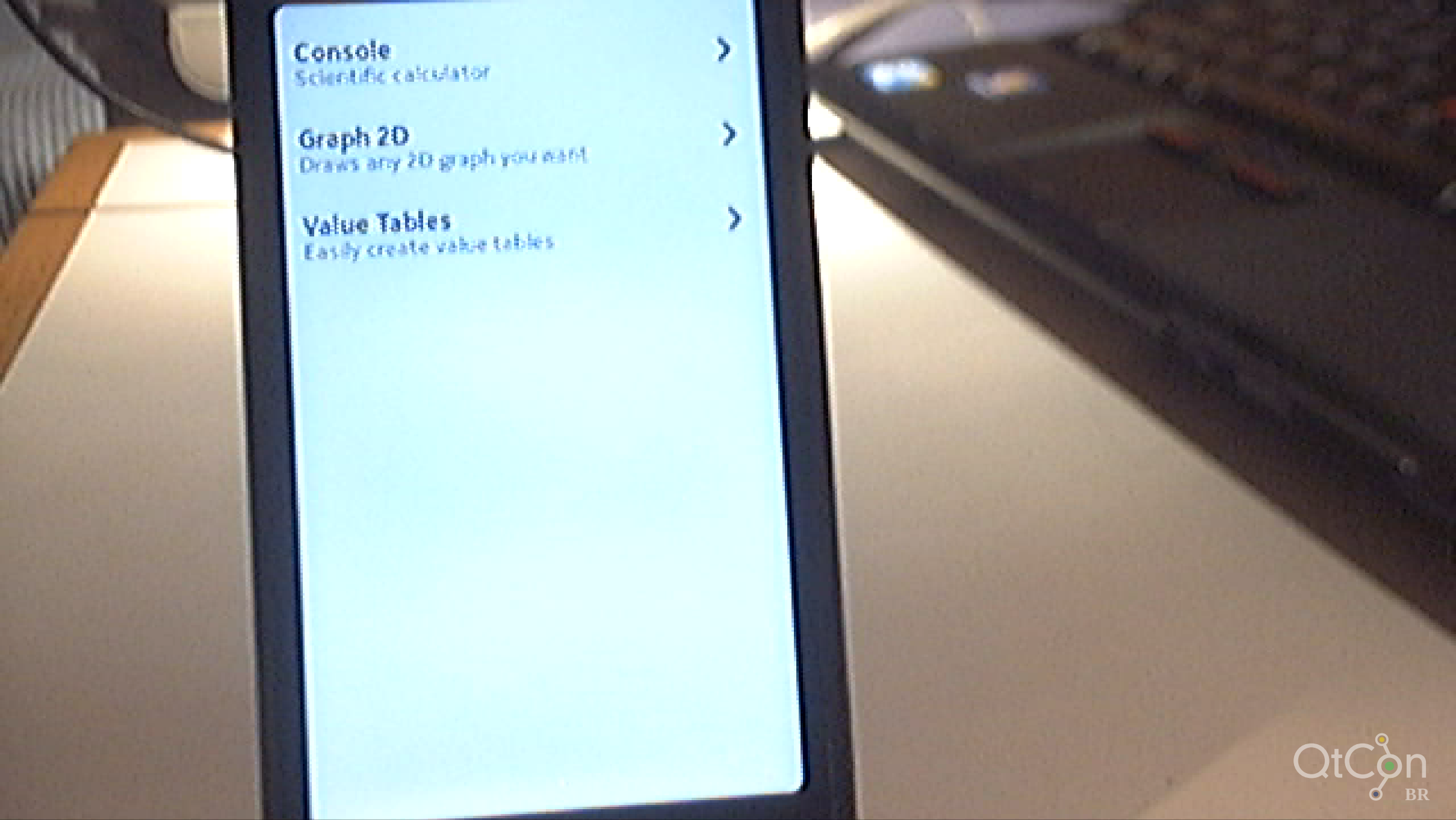
Context


Console
Scientific calculator
Graph 2D
Draws any 2D graph you want
Value Tables
Easily create value tables

```
sin x*sin x = sin(x)^2
diff(tan x,x) = x->1/cos(x)^2
x+x+2+2+2+2 = 2*x+8
```

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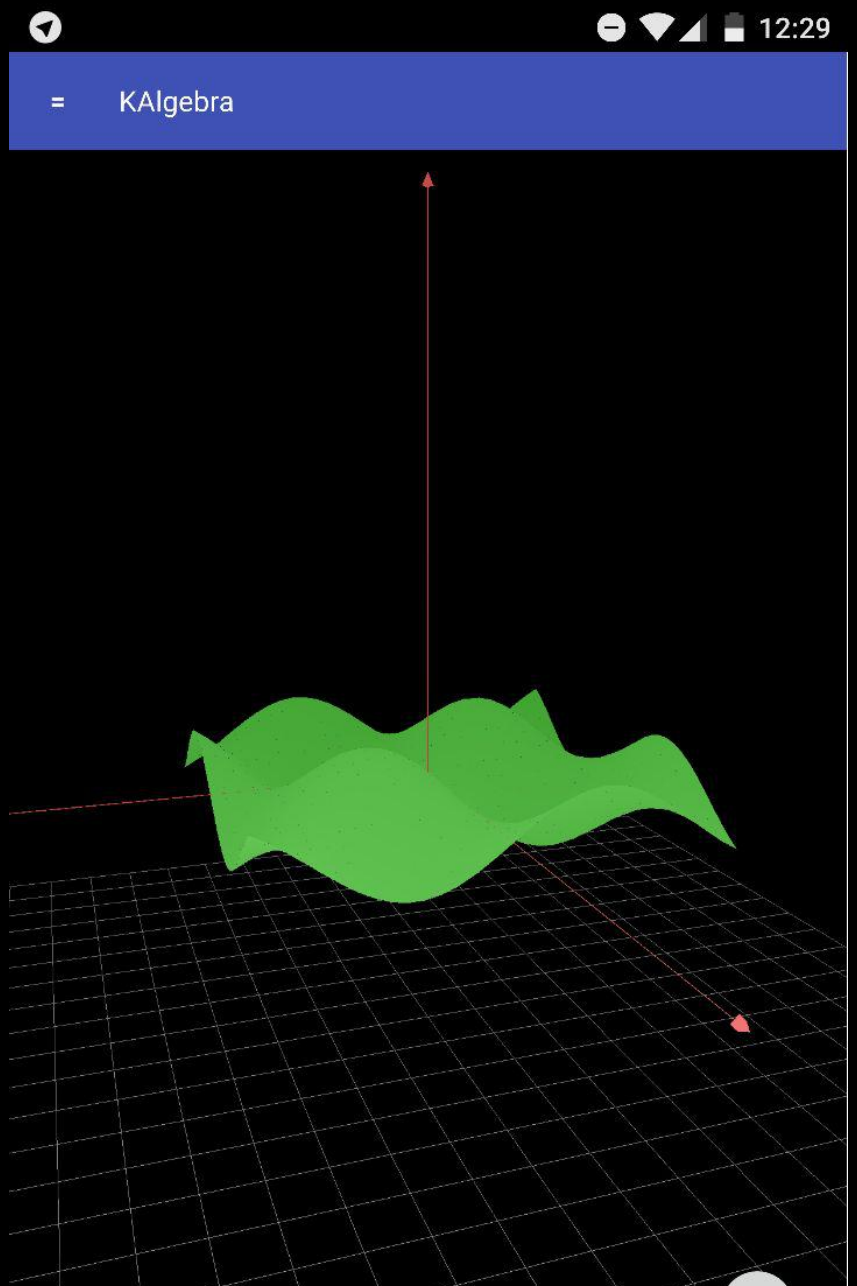

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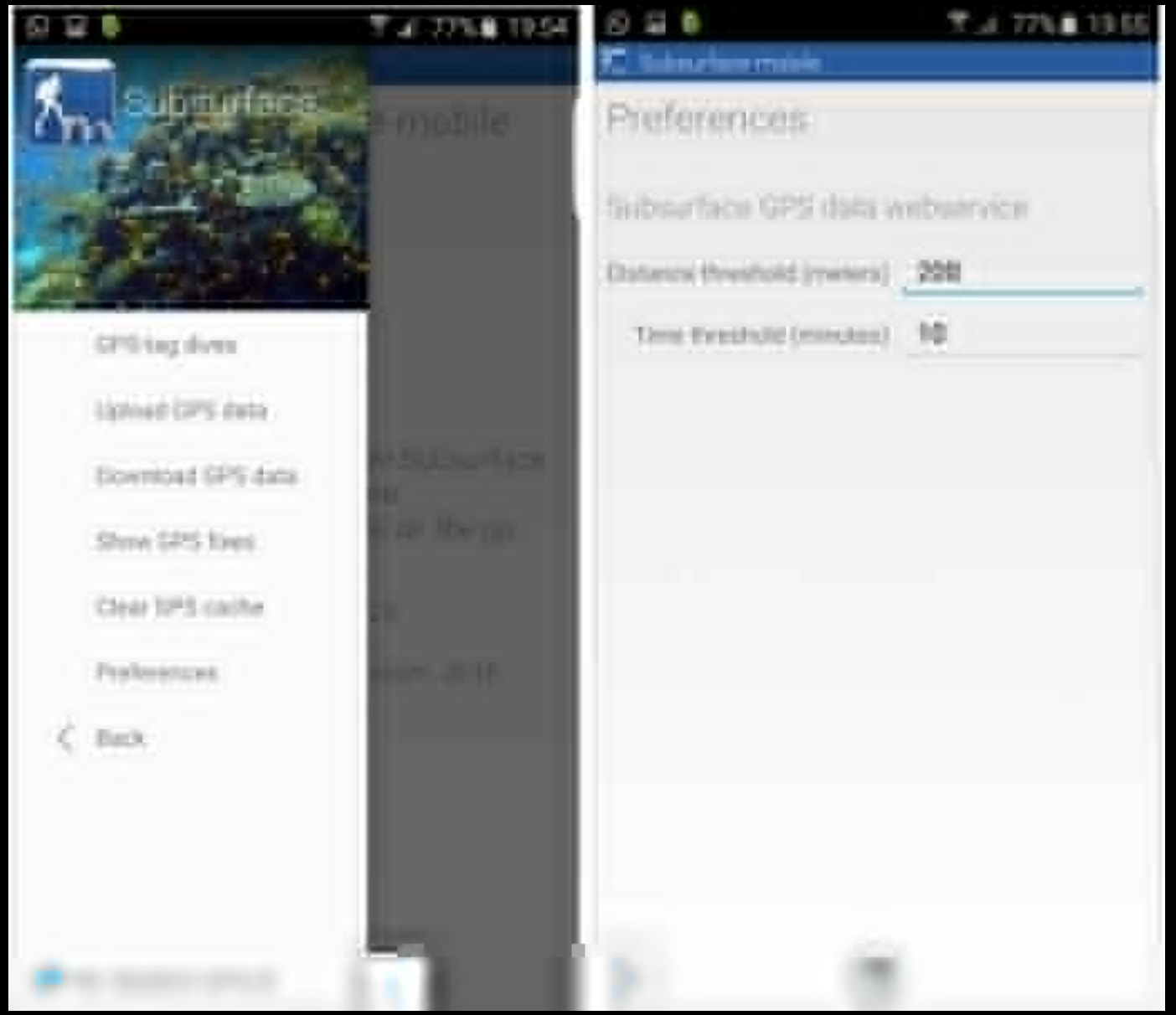
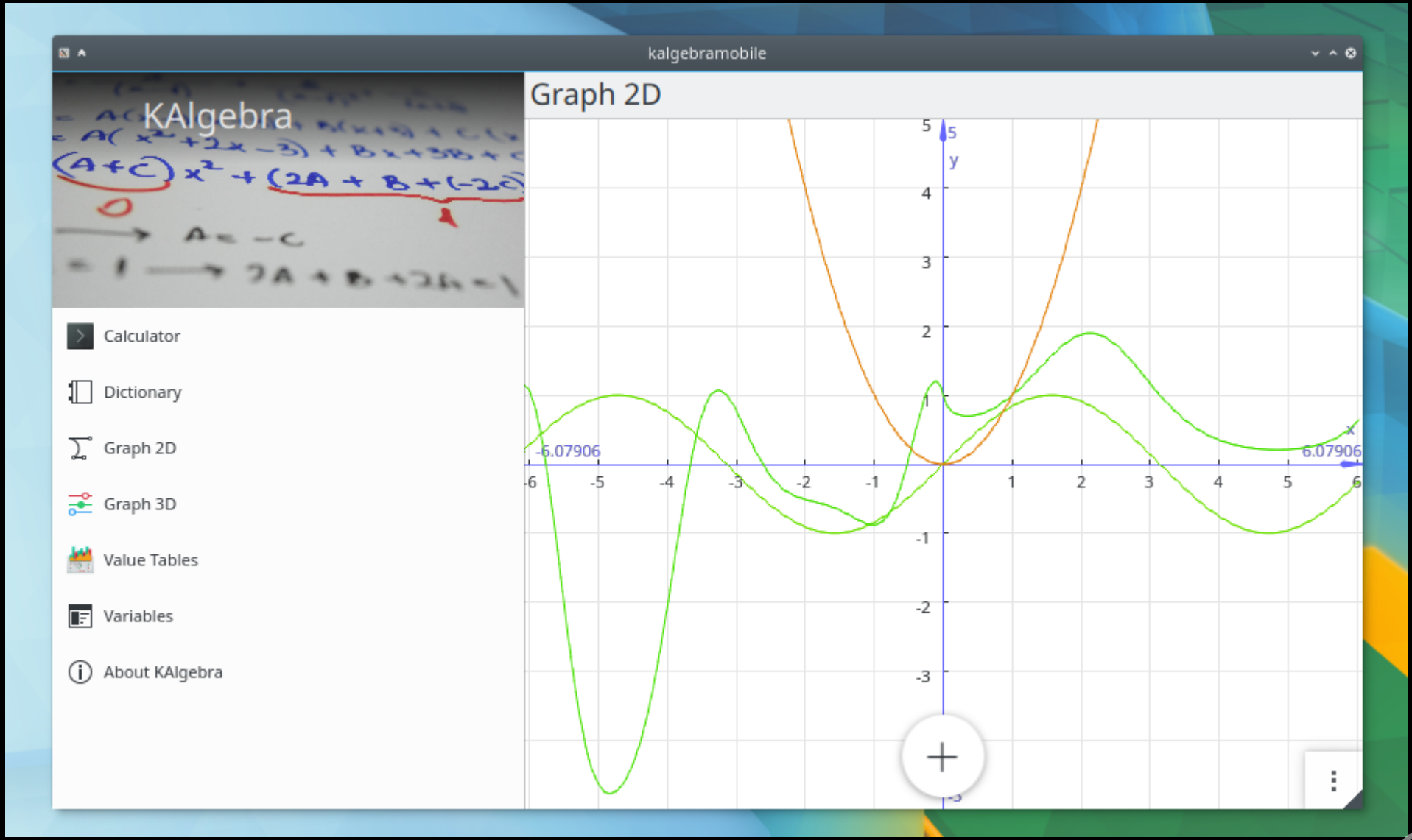
12
11:09

Current state


Subsurface
GPS tag dives
Upload GPS data
Download GPS data
Show GPS fixes
Clear GPS cache
Preferences
Back
Preferences
Subsurface GPS data webservice
Distance threshold (meters)
Time threshold (minutes)


kalgebramobile
KAlgebra
Calculator
Dictionary
Graph 2D
Graph 3D
Value Tables
Variables
About KAlgebra
Graph 2D
y
x
-6.07906
6.07906

Interesting Components

ApplicationWindow

GlobalDrawer

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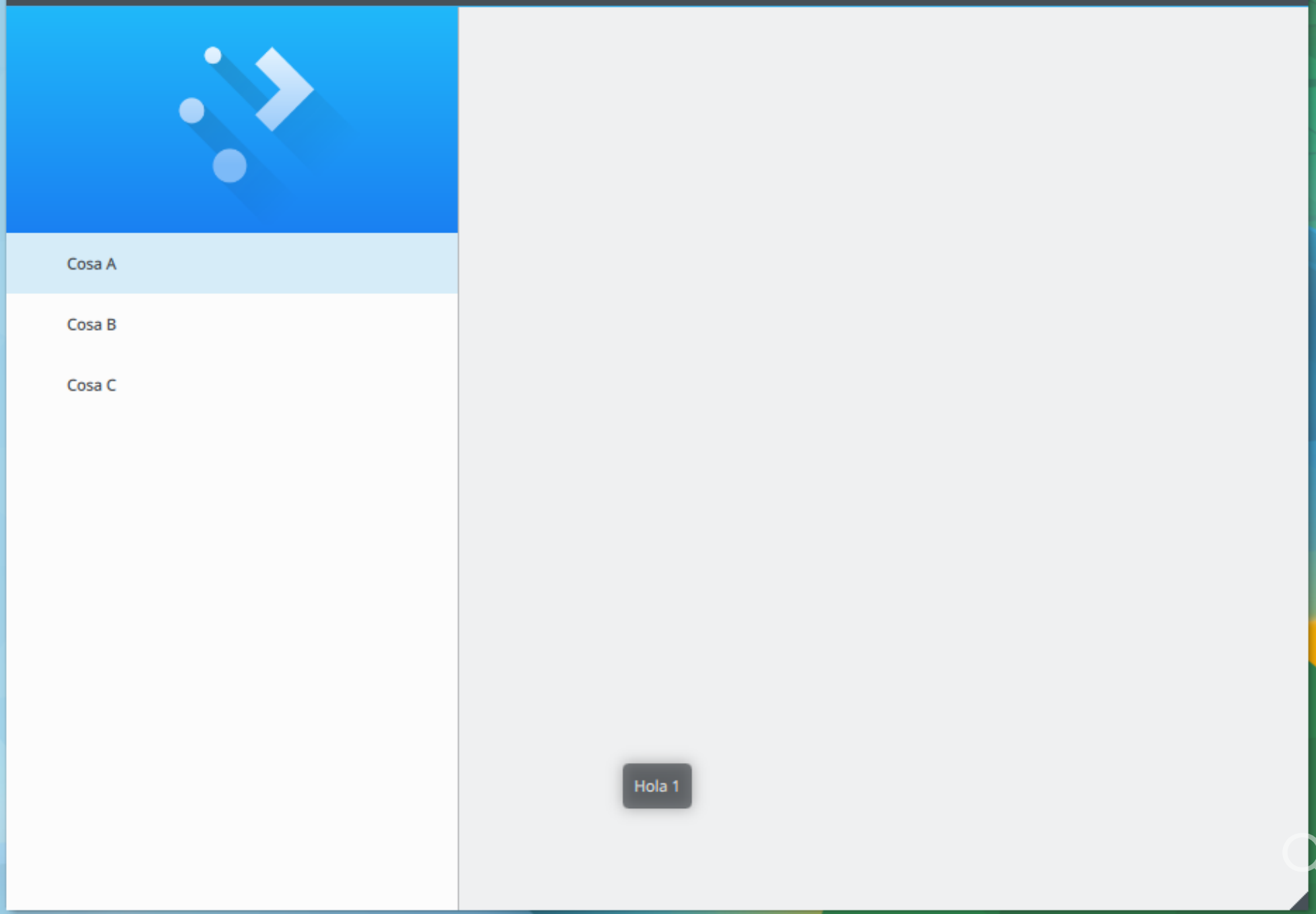
Cosa A
Cosa B
Cosa C
Hola 1

Example 1

PageRow

Page

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Example 2

BasicListItem

ItemViewHeader

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Example 3

ContextDrawer

Example 4

Styling

`QT_QUICK_CONTROLS_STYLE=Material`

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```
QT_QUICK_CONTROLS_STYLE=Desktop
```

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Kirigami Gallery

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LGPLv2

Contribute!

https://phabricator.kde.org

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Future

KDE Frameworks 5

https://api.kde.org/frameworks/index.html

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More applications

More Plasma Phone

More Android

¿?

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