



From Devices to Platforms – Evolution of Embedded Software and Qt

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Built with Qt video

› https://www.youtube.com/watch?v=n_NtwQW4JrI

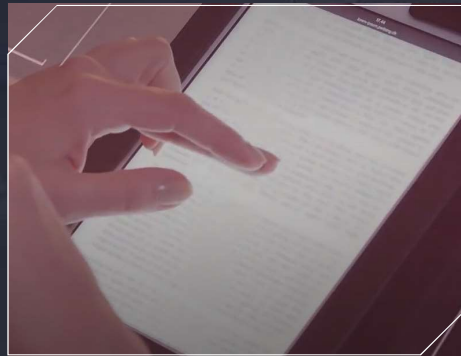
The Future is Built with Qt

Touch screens
expanding everywhere



› Qt is used to create software, and especially user experiences

Seamless User Experience
across all devices



› Software built with Qt works in all end user devices, it's cross-platform

Need to reach markets faster
and more cost efficiently



› Qt is a powerful software framework that helps you reach your markets faster

Software platforms and
control of data and ecosystem

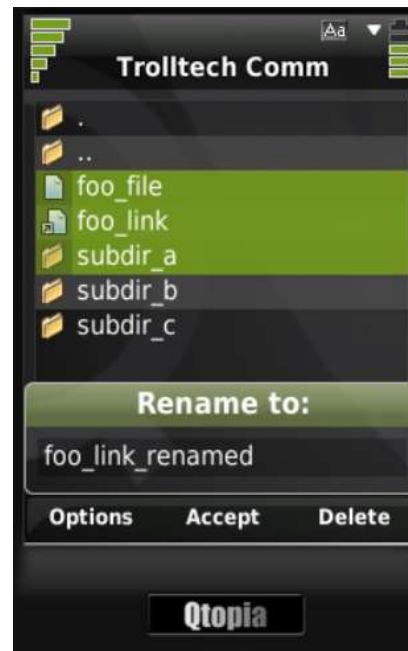
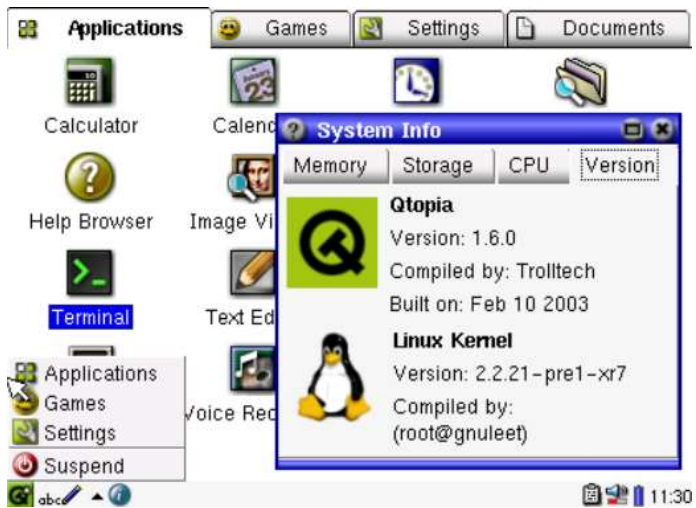


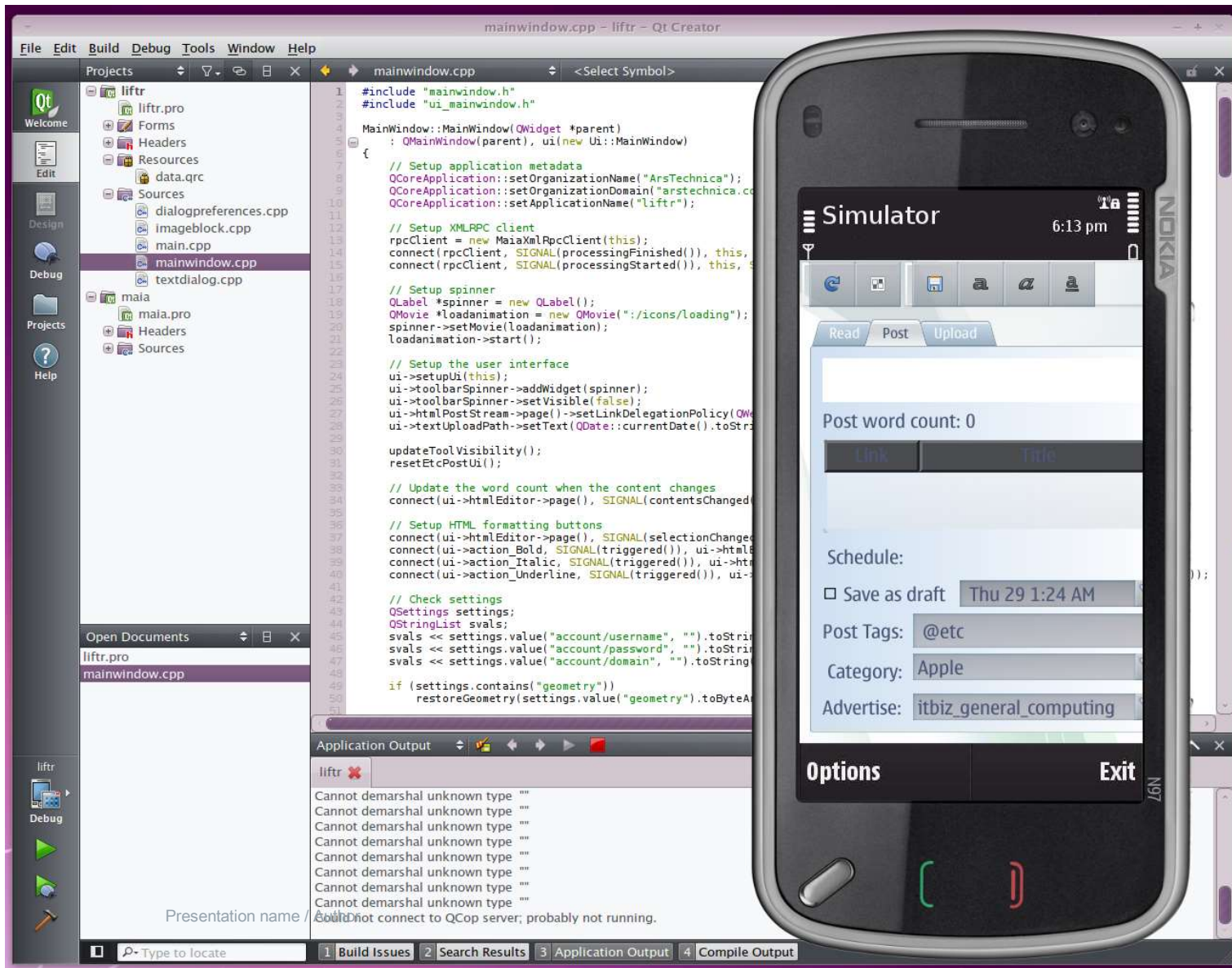
› Qt is used to create these software platforms and ecosystems

The Qt logo, consisting of the letters 'Qt' in a white, sans-serif font inside a white square with rounded corners. The background of the slide is a dark green overlay on a blurred image of a hand interacting with a device, with faint white lines and numbers (like 357, 410, 5, 2, 3) overlaid on it.

Qt

The User Experience will define the winners in the Embedded Ecosystem





Qt



Touchscreens
everywhere

Qt



Panasonic
Avionics

60 fps

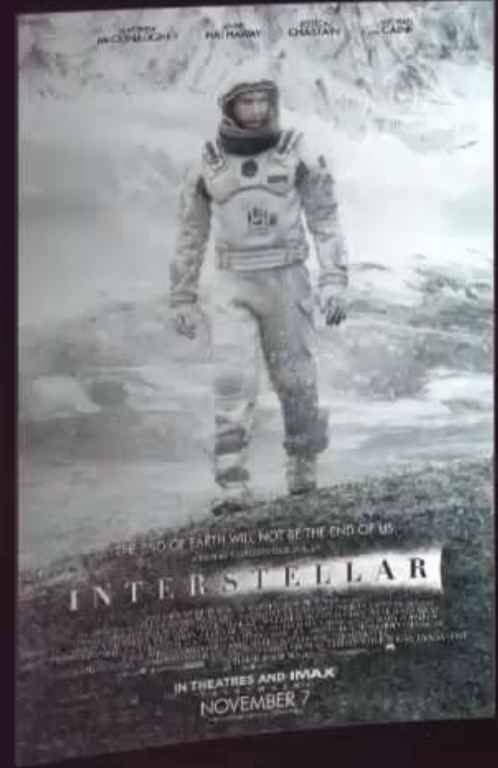
Adding a third dimension



Big Game



Interstellar



Gone Girl



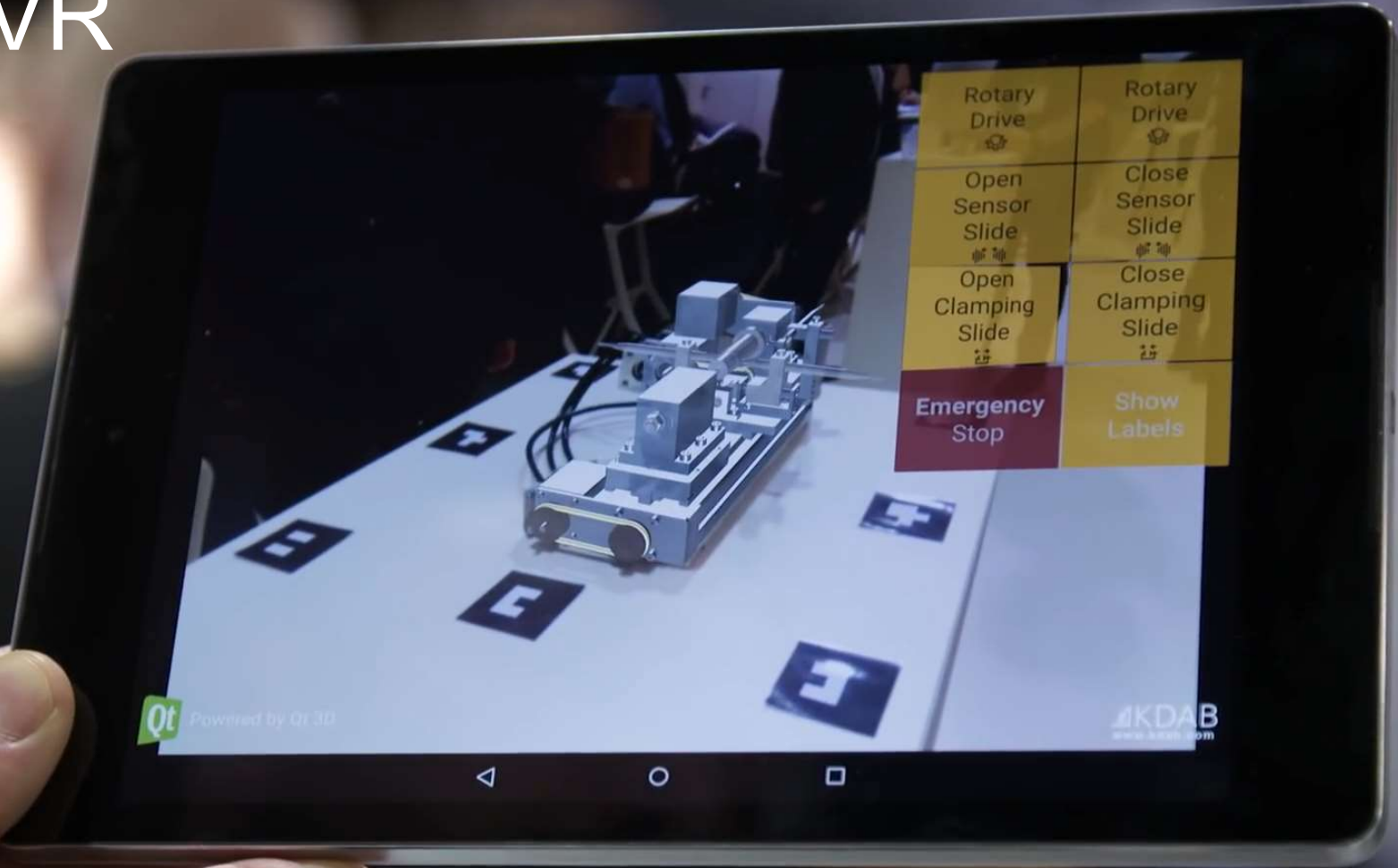
American Sniper





It's a UNIX system. I know th

AR/VR



Qt

Convergence



Qt

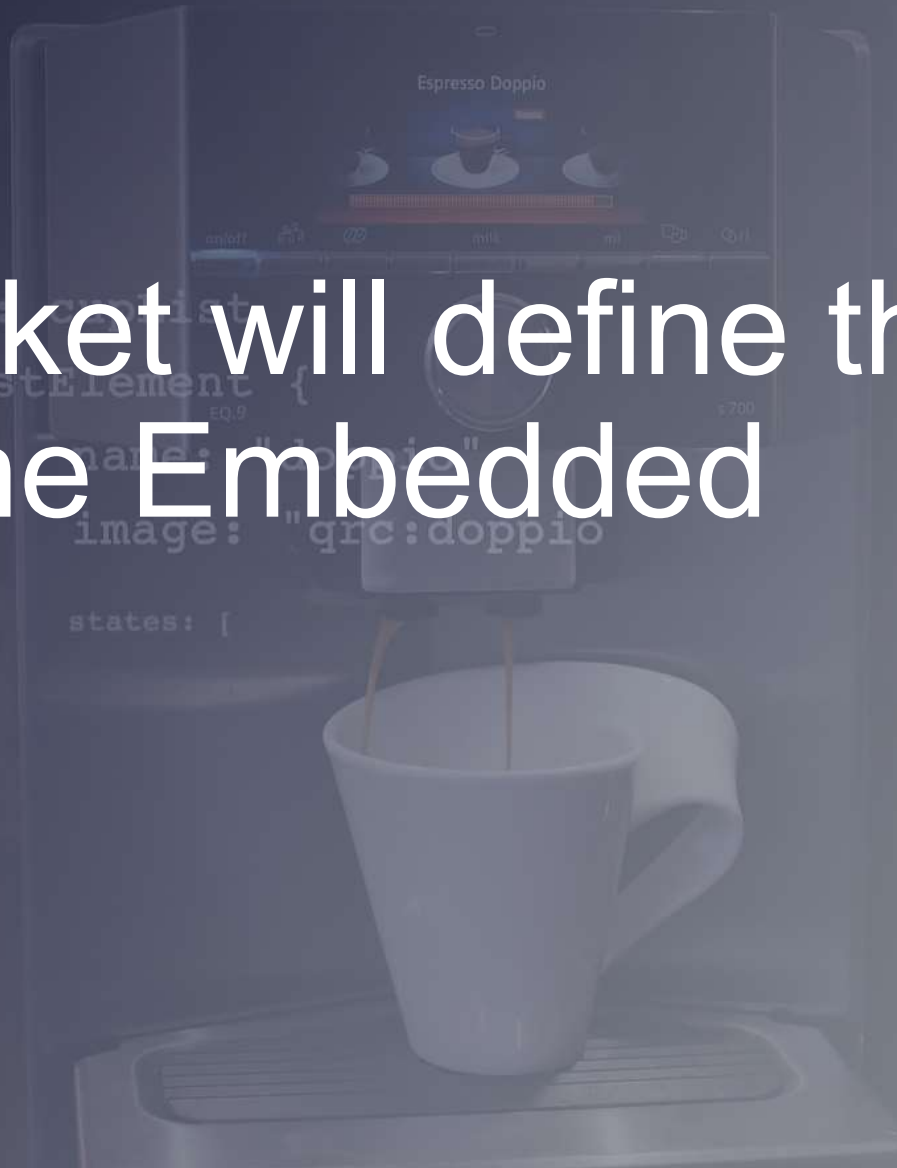
Time-to-Market will define the winners in the Embedded Ecosystem

```
ListModel {
```

```
  ListElement {
```

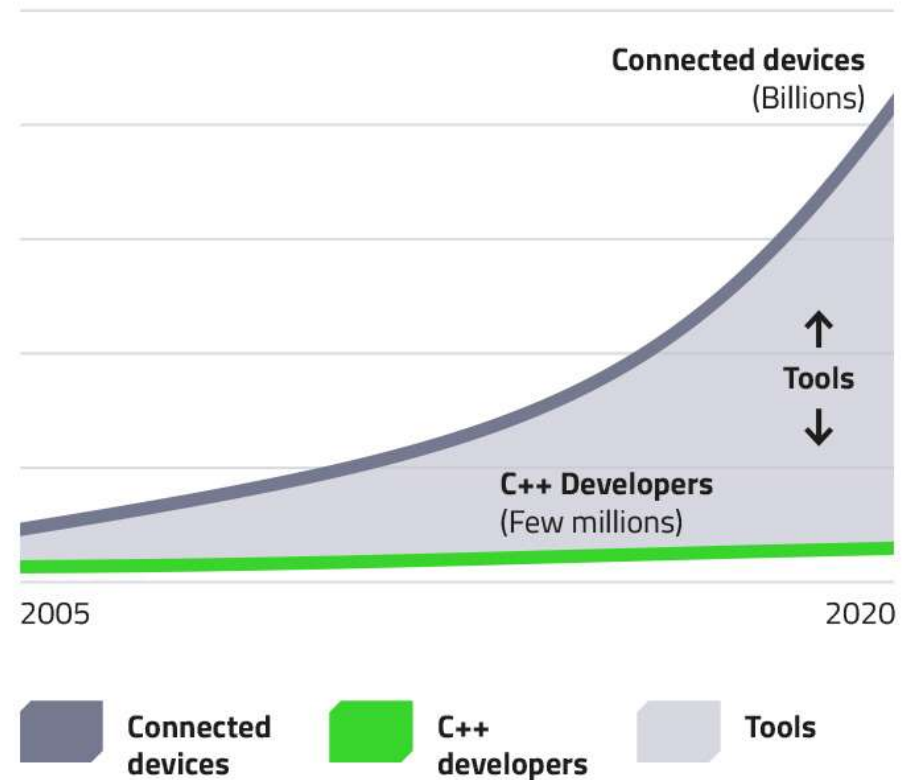
```
    name: "doppio"  
    image: "qrc:doppio"
```

```
  states: {
```



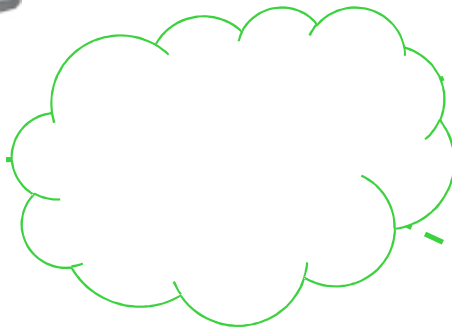
Closing the Gap between the Amount of Devices and Developers

- 1 The IoT trend leads to a higher demand for creating devices; with less costs and with fewer people
- 2 Powerful cross-platform frameworks and tools are required for the change to take place.





Embedded Devices
and Sensors



Big Data

Mobile Devices

Desktop PCs



“The ability to use the same framework on all platforms was a boon for productivity. We also enjoyed the ease of rapid user interface development with QML on both desktop and mobile.”

Shane Wighton, Software Development Lead at Formlabs



Qt for Device Creation



Making Embedded as Easy as Desktop or Mobile

Qt

The content will
define the
winners in the
Embedded
Ecosystem



LG WebOS Smart TV

Qt



15°C / 15°C / 17°C
MIDDAY / EVENING / AFTER DINNER

◀ Schokolade

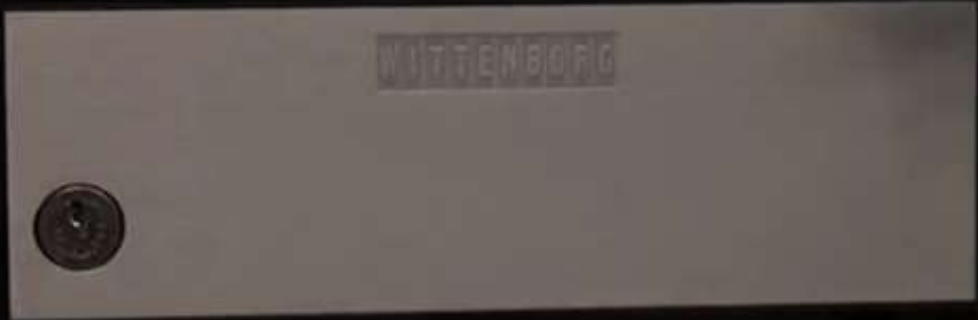



Dairy

NEWS
15 March
16:26



Qt released KQAB
Today is the #EW17 Live Coding Theater! Come see our talk on
Probing and Debugging Embedded World again! <https://t.co/...>
#Qt@QtWp



Wittenborg

Navico Lowrance HDS marine electronics range



Qt

Rimac





THE FUTURE

is written with

Qt