

The Qt Project and the relevance of open governance



Quim Gil
Donald Carr
Johannes Zellner



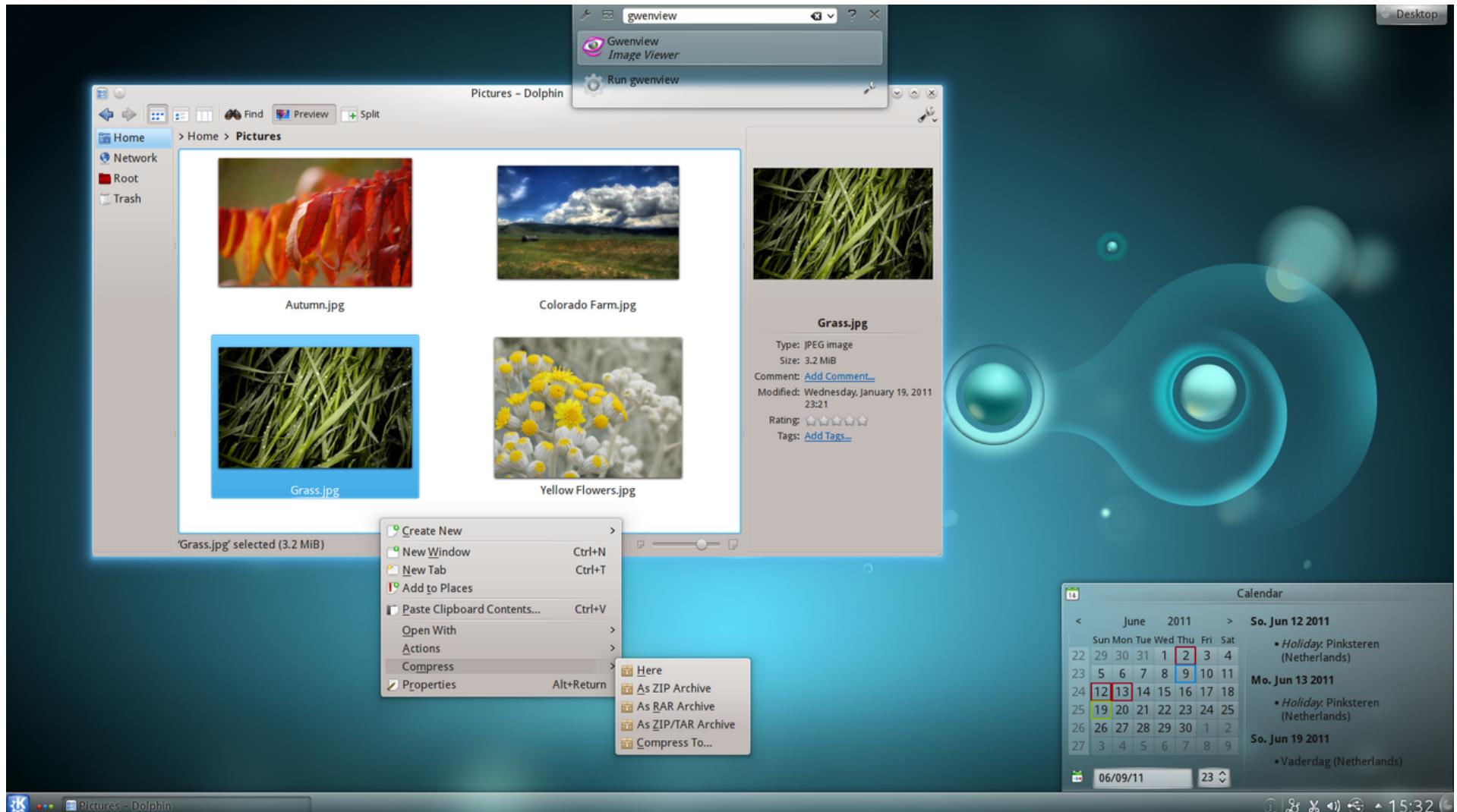
What is Qt

- Cross-platform application and UI framework
 - QtWebKit
- Qt Creator IDE + tools + toolchain
- Open source project, big & sofisticated





Qt everywhere



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Qt everywhere



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Qt everywhere

The screenshot shows a desktop interface with a search bar at the top containing the text "adventures". Below the search bar is a sidebar with various icons, some of which are highlighted in green. The main area displays a list of books under the heading "Books Available". The books listed are:

- Adventures of...kleberry Finn
- Adventures A. D. Hopkins
- Adventures of Pinocchio Carlo Collodi
- Adventures of...erlock Holmes Sir Arthur Conan Doyle
- Alice's Adven...in Wonderland Lewis Carroll
- The Adventures of Odysseus Daniel Morden, Hugh Lupton
- The Adventures of Tom Sawyer Mark Twain
- Adventures of Huck Finn Mark Twain
- Adventures of...erlock Holmes Sir Arthur Conan Doyle
- Alice's Adven...in Wonderland Lewis Carroll
- Sandwalk adventures Jay S. Hosler
- The Adventures of Pinocchio C. Collodi
- The adventur...inson Crusoe Daniel Defoe
- The Adventures of Ulysses Bernard Evslin
- Around the World in 80 Days Jules Verne
- The Adventures of Tom Sawyer Mark Twain

On the right side, there are sections for "Libraries" (Documents, Calibre, Google Books, Project Gutenberg, Forgotten Books) and "Availability" (Free Books only). The status bar at the bottom shows the date and time as "mar. 16:10" and the user name "David Callé".

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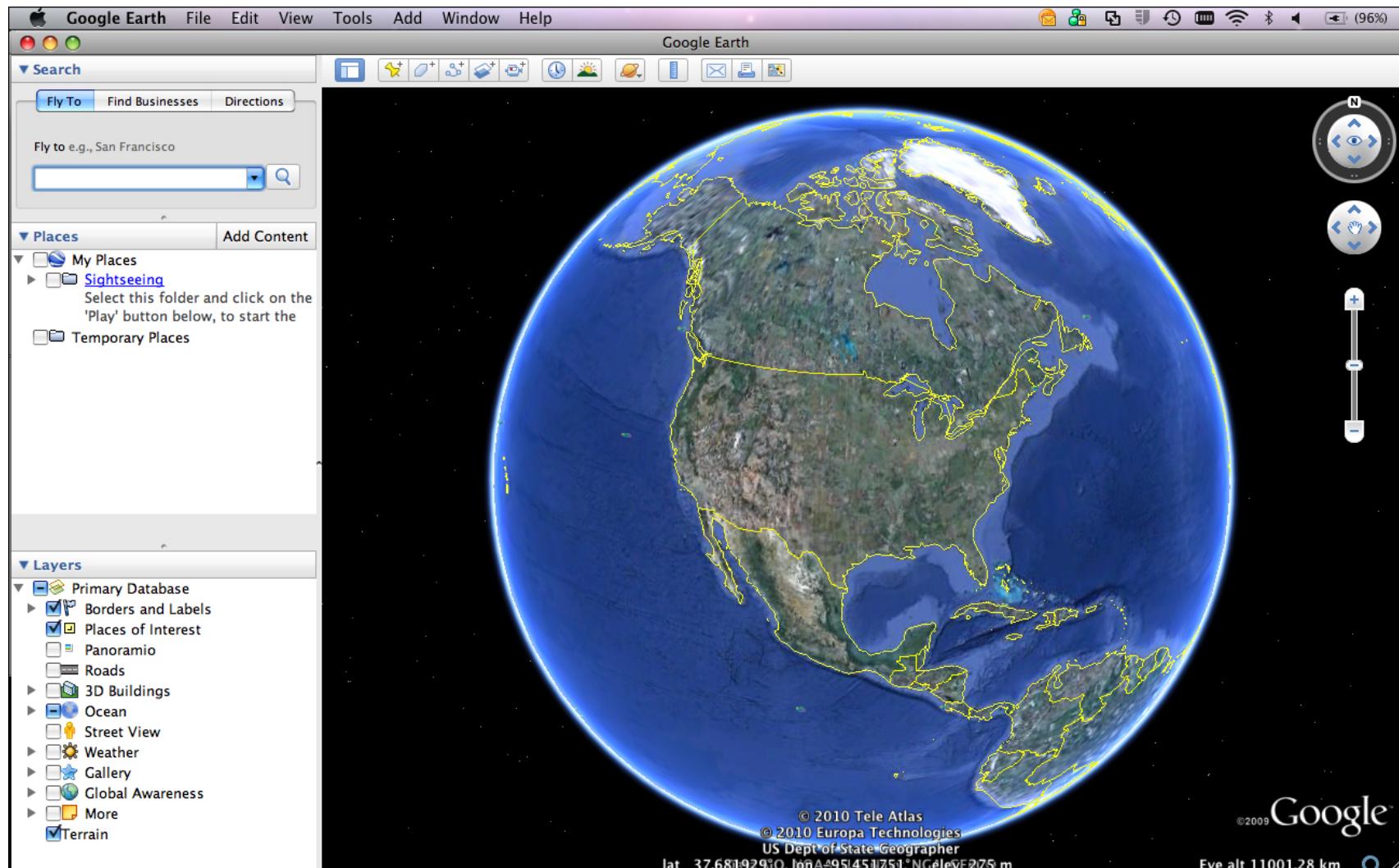
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Qt everywhere

Android Market

Apps | Music | Books | Movies | My Library | Search

Home > Apps > Libraries & Demo

Ministro II
BogDan Vatra

 ★★★★★ (35) [INSTALL](#)

More from developer

 **Ministro**
BOGDAN VATRA
★★★★★ (254)
Free

 **Ministro configuration tool 2**
BOGDAN VATRA
★★★★★ (7)
Free

 **Demo - Animated tiles**
BOGDAN VATRA
★★★★★ (96)
Free

[See more >](#)

Users who viewed this also viewed

 **Bridge Architect Beta**
REACTIVE

OVERVIEW USER REVIEWS WHAT'S NEW PERMISSIONS

Description

Ministro is a system wide Qt shared libraries installer/provider service. It acts as a bridge between your apps and Qt libraries.
Ministro service is release under GPLv3+ license.

The connection API protocol used by applications to connect and query the service is released under BSD license, it mean that any application (no matter if that application is free or not) can connect and query its services.

Also, be aware, this service will install/provide the free versions of Qt libraries, licensed under LGPL v2.1/ GPL v3.

Visit Developer's Website > Email Developer >

App Screenshots




ABOUT THIS APP

RATING: ★★★★★ (35)
UPDATED: October 20, 2011
CURRENT VERSION: 6.0
REQUIRES ANDROID: 1.6 and up
CATEGORY: Libraries & Demo
INSTALLS: 5,000 - 10,000


last 30 days

SIZE: 479k
PRICE: Free
CONTENT RATING: Everyone

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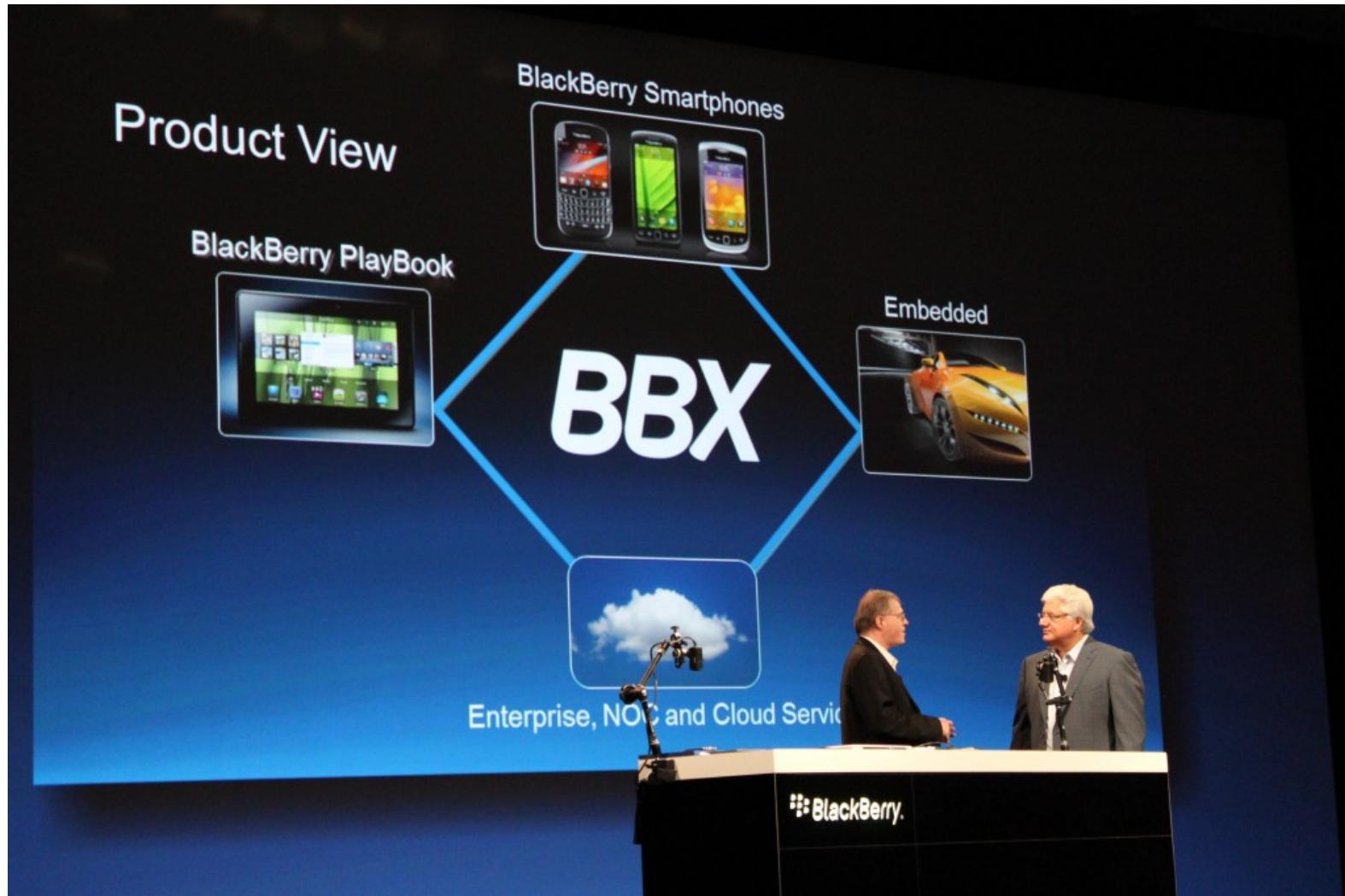


Qt everywhere

twitter.com/Qt4iOS



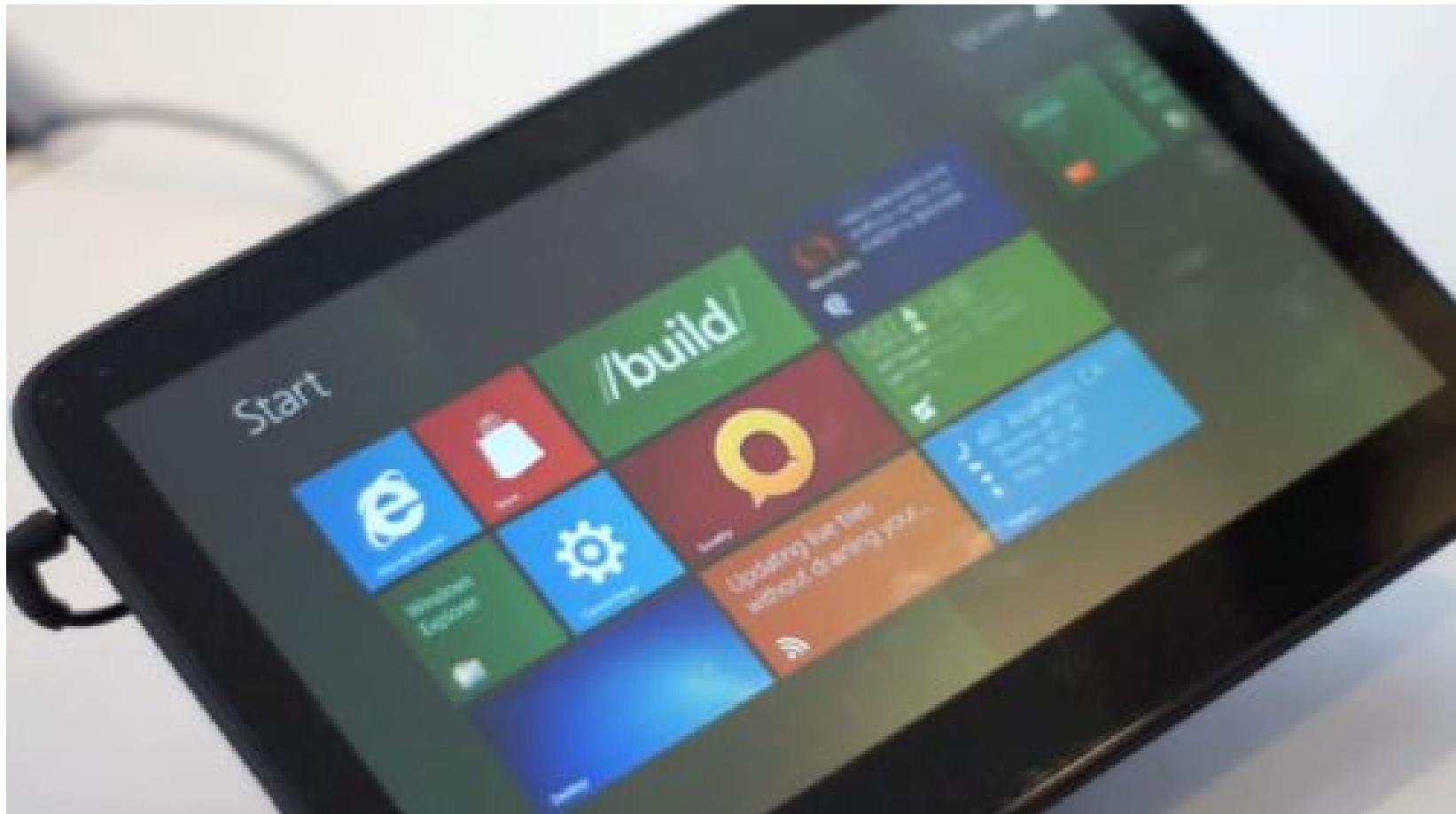
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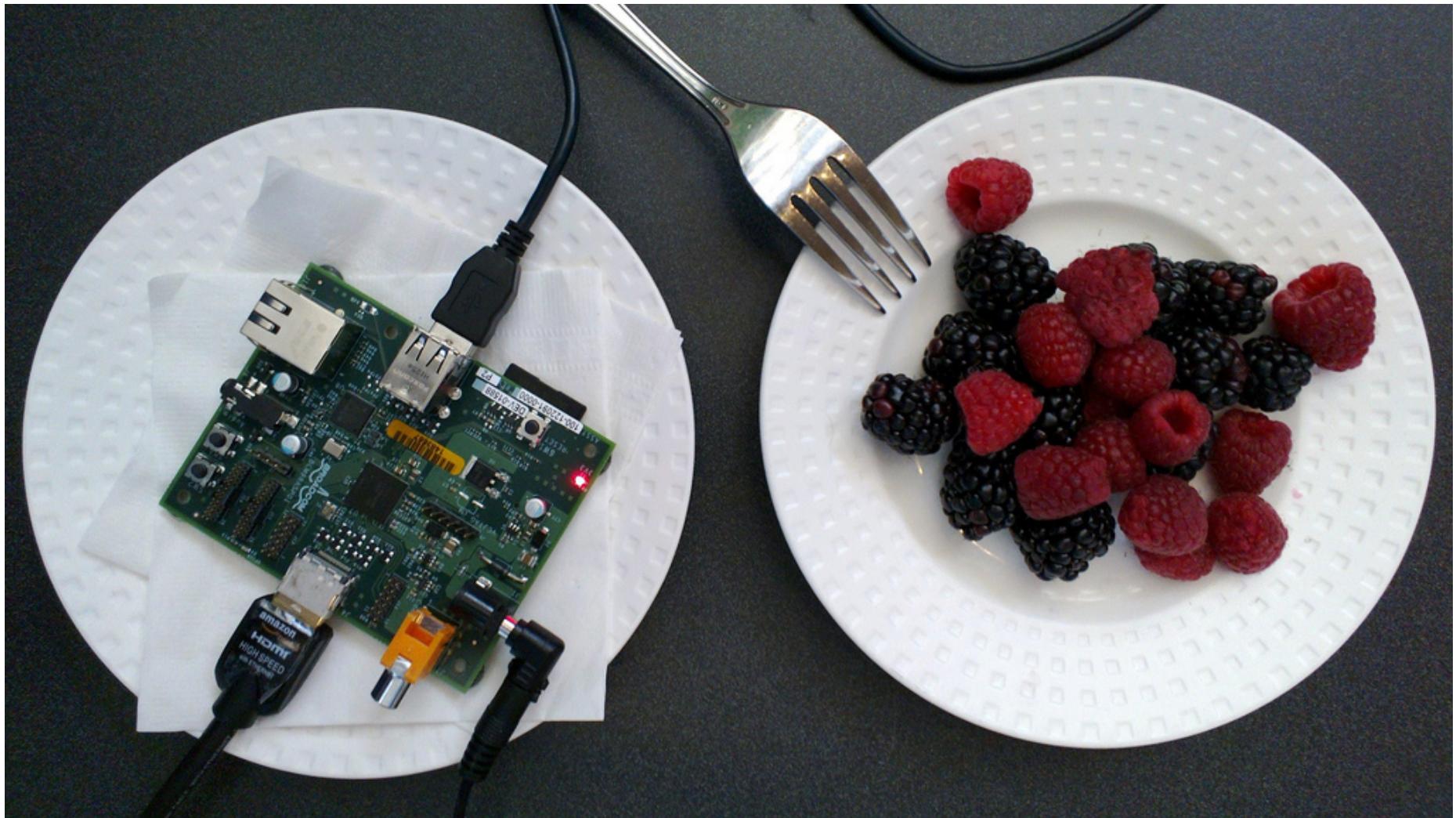


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Qt everywhere

The screenshot shows the official LG Smart TV website. At the top, there's a navigation bar with the LG logo, links for "DISCOVER LG TVs", "CINEMA 3D", "SMART TV" (which is highlighted in red), and "PICTURE QUALITY". Below the navigation, there are links for "OVERVIEW", "EASY TO USE", "LIMITLESS CONTENT", and "DEMO", along with "Find the right TV ▶" and "Where to Buy ▶" buttons.

LG Smart TV
THE EASIEST ACCESS
TO LIMITLESS
CONTENT.

LG Smart TV* lets you access a limitless world of entertainment in a way that's easier and more fun than ever before. It's smart made simple.

2,160 people like LG SMART TV
[Like 2k](#)

[See how smart TV can be ▶](#)

See what LG Smart TV is all about
[Watch video](#)

INNOVATIVE MOTION-SENSING REMOTE

CUSTOMIZABLE DASHBOARD

The main content area displays the LG Smart TV's user interface. The dashboard features a "LIVE" feed of a baseball game, a "Premium" section with icons for Netflix, Hulu+, YouTube, MLB.TV, and Facebook, and a "TV Apps" section with icons for Paint, Puzzle Game, Fruit Puzzle, Natural Object, Gems Quest, and Agent Sudoku. At the bottom of the screen, there's a row of icons for Search, App Store, Full Browser, Media Link, Gems Quest, Natural Object, and My Apps.

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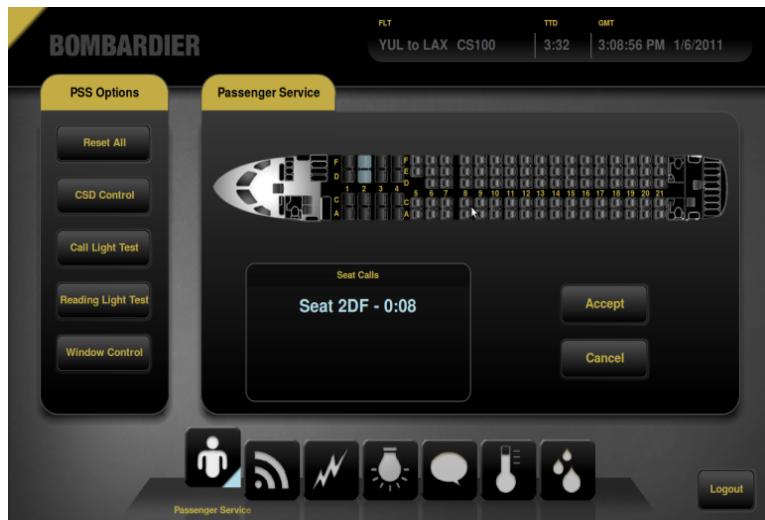
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Qt everywhere

“Over 450,000 developers in more than 70 industries have chosen Qt to build advanced applications and devices.”

<http://qt.nokia.com/qt-in-use/>



5



Qt 5 goals

1996: Qt 1

1999: Qt 2

2001: Qt 3

2005: Qt 4

2012: Qt 5

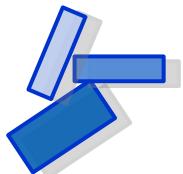
- Adapt to a world that has changed
 - Fluid, touch based UIs
 - Mobile focus
 - Web languages
- Restructure source code



Qt 5 goals



- Competitive in multiple devices
- State-of-the-art user interfaces
- Modular
- Small footprint
- Qt 4.x compatibility





What is new in Qt 5



- Code reorg: essential modules + add-ons
- Qt Platform Abstraction
- New graphics stack ($100 \rightarrow 250$ fps)
- Qt Quick 2 rocks the house
- Javascript, first class citizen

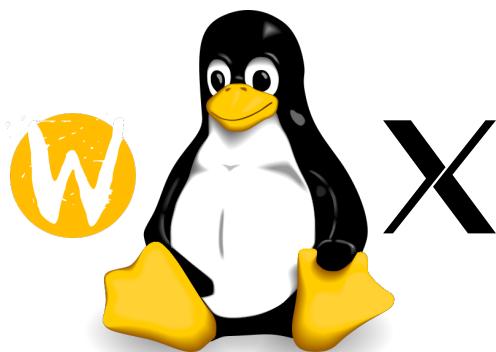




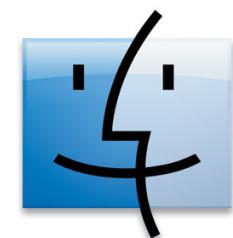
Essential

- Qt Core
- Qt Network
- Qt OpenGL
- Qt Qml
- Qt Quick
- Qt WebKit
- Qt Multimedia

- Qt Sql
- Qt Location
- Qt Sensors
- Qt Service Framework
- Qt Publish & Subscribe
- Qt System Information



Windows®



Mac



Add-On Modules

- | | |
|--|--|
| <ul style="list-style-type: none">• Qt Widgets (desktop)• Qt Quick components• Qt Svg• Qt Xml• Qt XmlPatterns• Qt Script, Qt Script Tools• Qt Concurrent• Qt Print Support• Qt Help• Qt UiTools• Qt Designer• Qt ActiveQt (Windows) | <ul style="list-style-type: none">• Qt WebKit (WebKit1)• Qt Multimedia Widgets• Qt Feedback• Qt 3D• Qt Compositor• Qt Wayland• Qt Graphical Effects• Qt Json Db• Qt Mime Type• Qt Organizer• Qt Contacts• Qt Versit |
|--|--|



What is new in Qt 5

<http://qt-project.org>

Open Development Open Governance



Long story short

- 1991?: FreeQt
- 1998: Free Qt Foundation
- 1999: QPL
- 2000: GPL (Linux)
- 2005: GPL (Windows)
- 2008: Nokia acquires Trolltech
- 2009: LGPL
- 2010: Qt Open Governance plan started
- 2011: Qt Commercial sold to Digia
- 2011: Qt Project is here!



Qt Project

Fair

Transparent

Inclusive

Meritocratic



Qt Project benefits

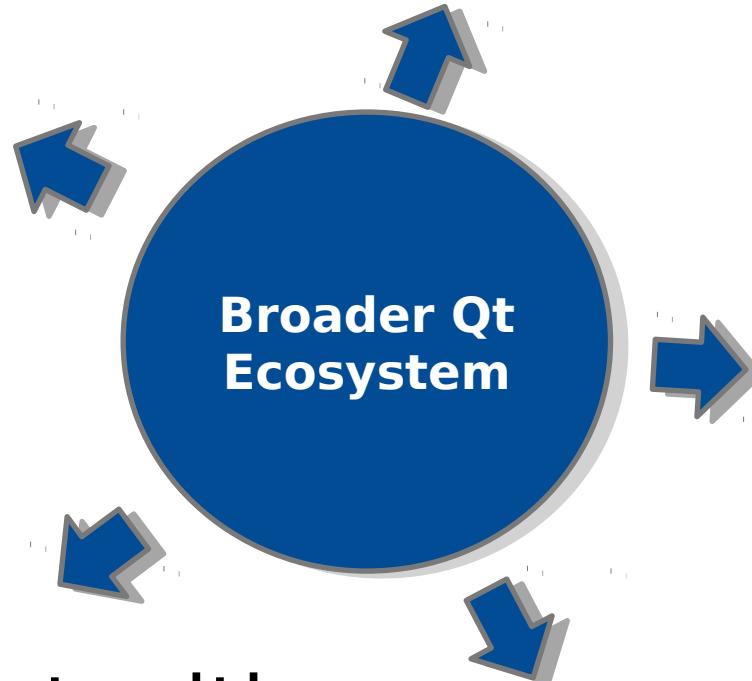
Increased
stability

Richer releases

More opportunities
for Qt experts

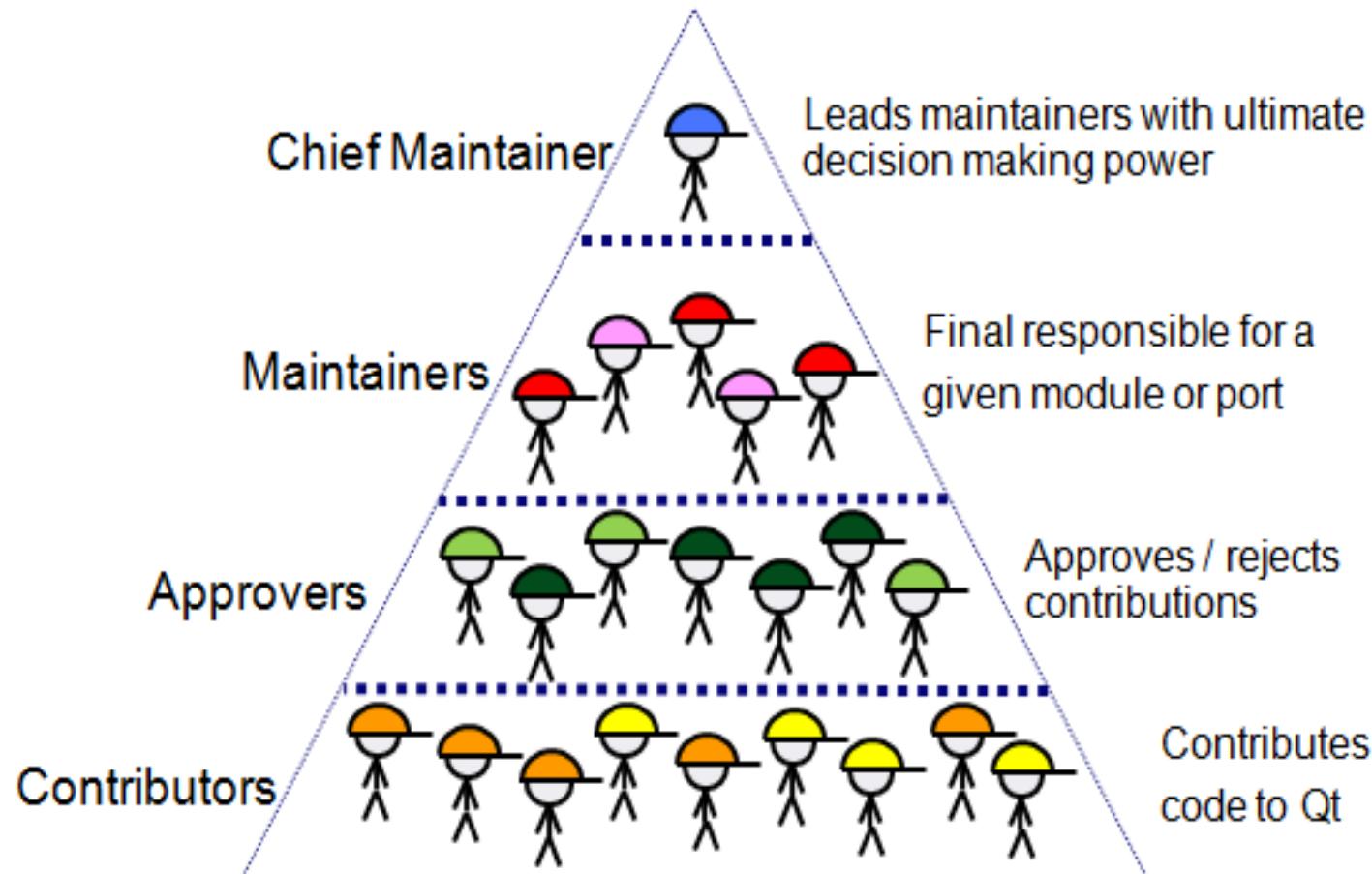
Easier
customization

Shared
roadmapping





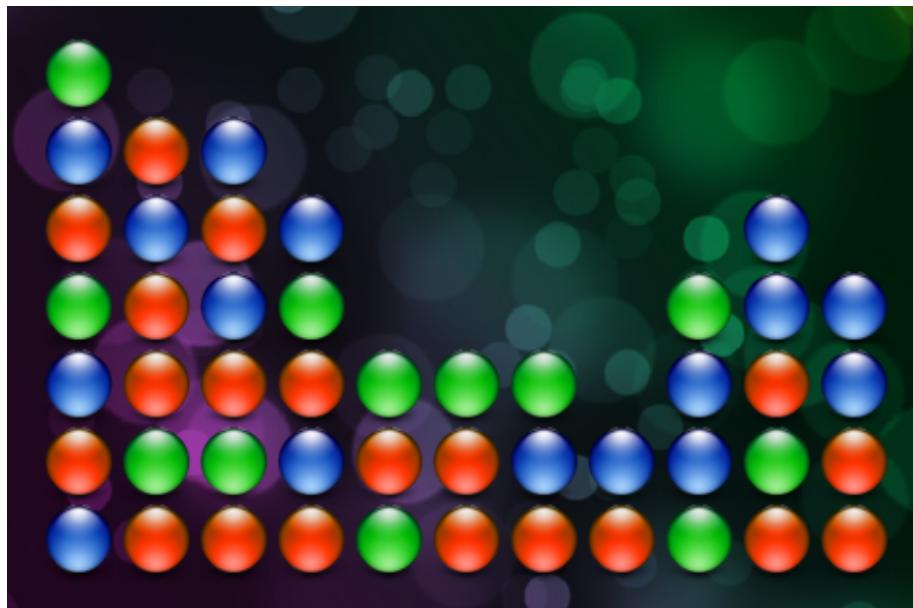
Qt Project Roles





Code more governable

Modular = simpler maintenance



Platform abstraction = simpler portability



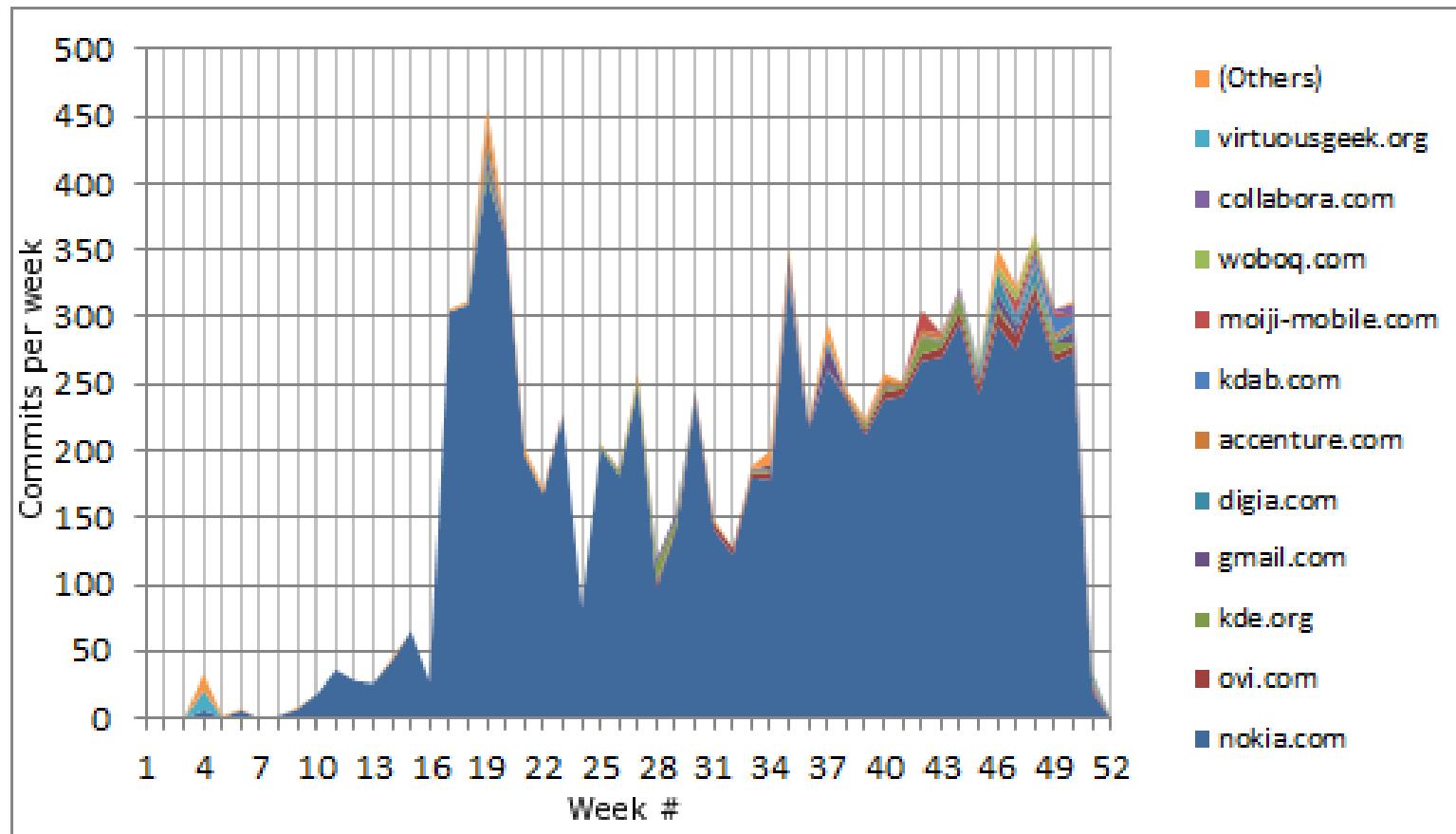
Predictable releases

- Feature freeze Feb 4, 2012
- Beta in early Spring (March / April)
- Done by 1st half 2012

Soon: 6 month release cycle

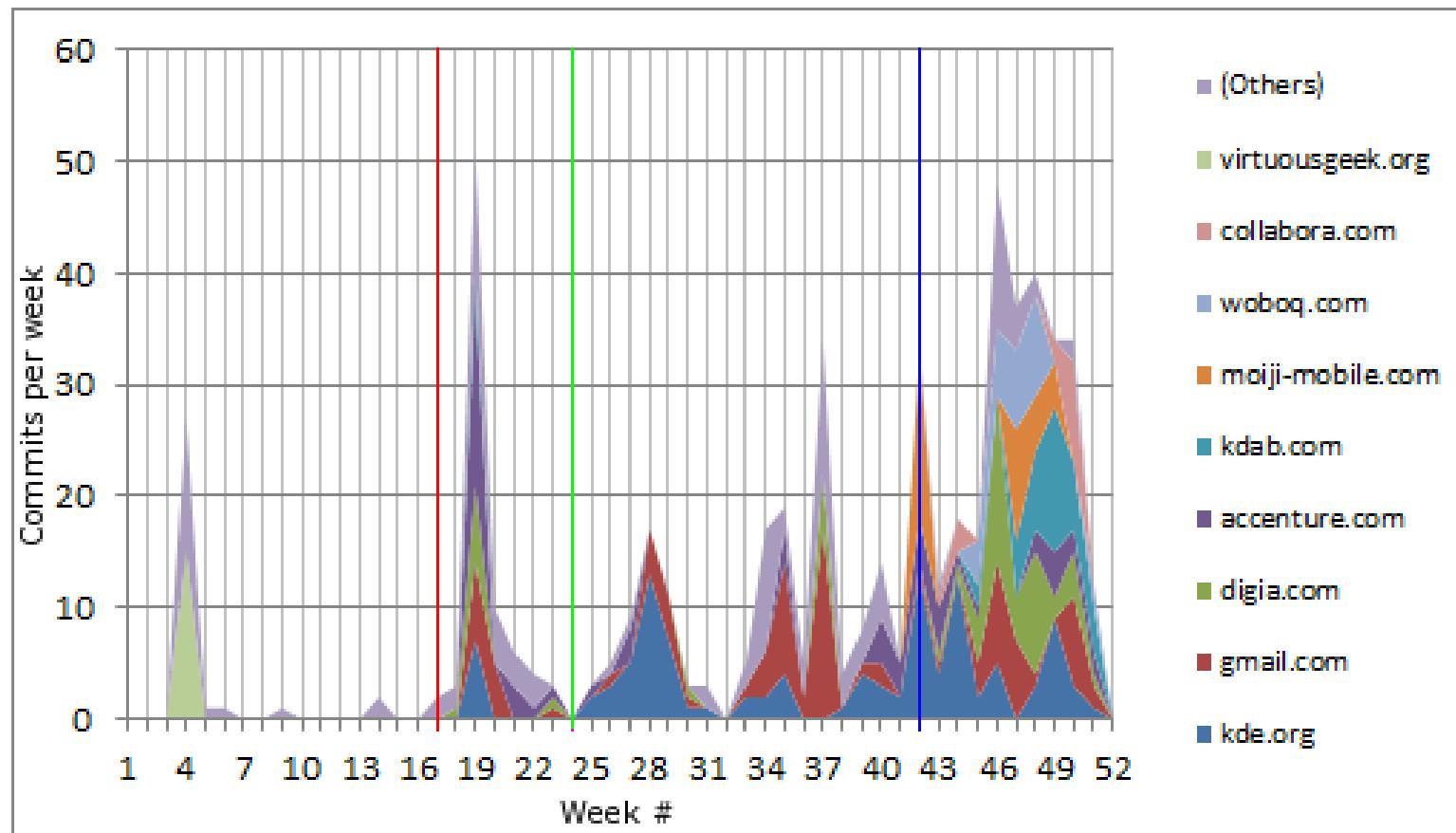


Commit stats - Qt 5



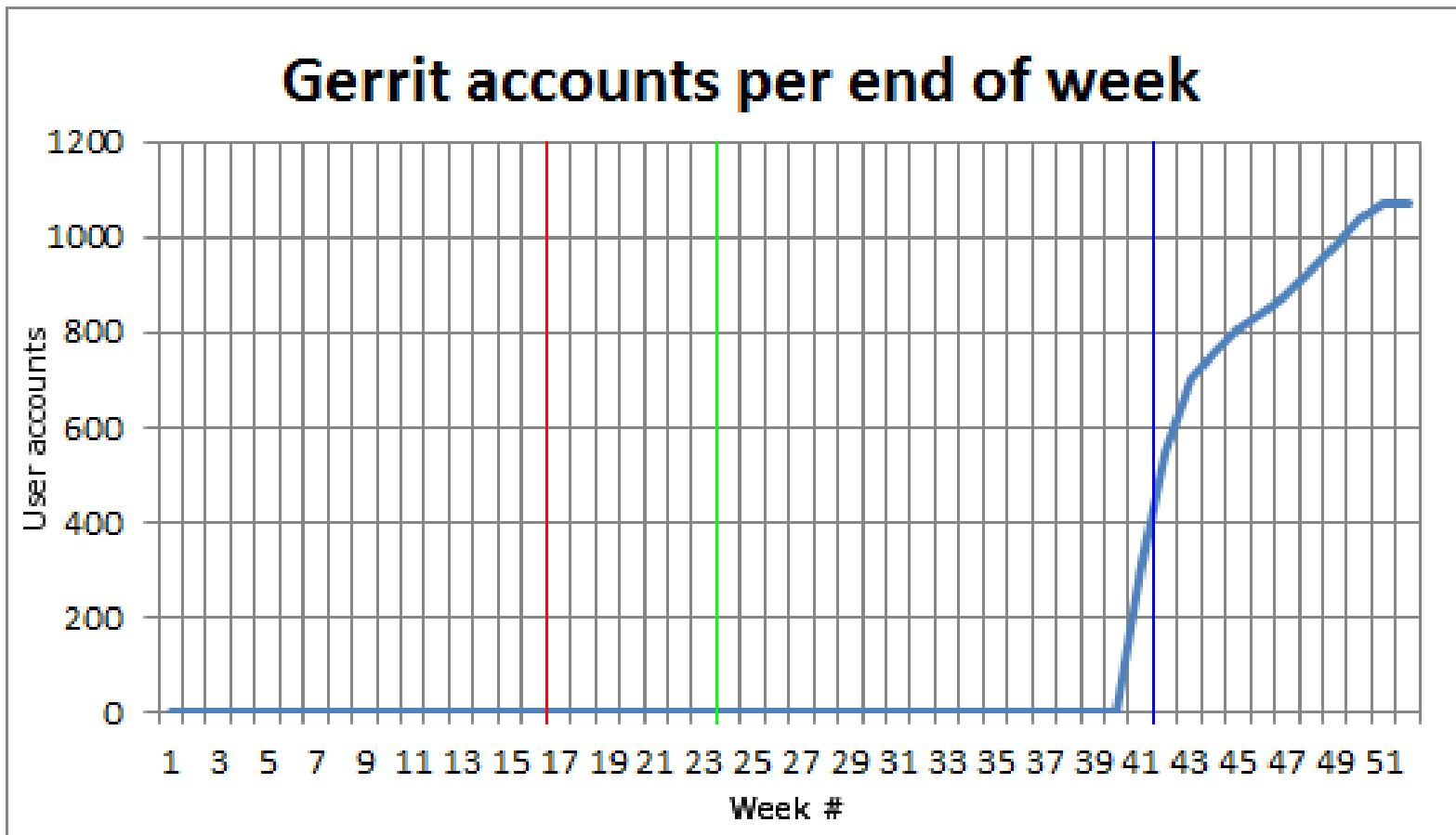


Commit stats - !Nokia





Population





Follow us! Join us!

2012

is gonna be fun

<http://qt-project.org>