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
- Open source project, big & sophisticated
- Qt Creator IDE + tools + toolchain
Qt everywhere
Qt everywhere
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Qt everywhere
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twitter.com/Qt4iOS
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“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/
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 → 250 fps)
• Qt Quick 2 rocks the house
• Javascript, first class citizen
<table>
<thead>
<tr>
<th>Essential</th>
<th>Essential</th>
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<tbody>
<tr>
<td>Qt Core</td>
<td>Qt Sql</td>
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<td>Qt Network</td>
<td>Qt Location</td>
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<td>Qt OpenGL</td>
<td>Qt Sensors</td>
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<td>Qt Qml</td>
<td>Qt Service Framework</td>
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<td>Qt Quick</td>
<td>Qt Publish &amp; Subscribe</td>
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<td>Qt WebKit</td>
<td>Qt System Information</td>
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<td>Qt Multimedia</td>
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</tbody>
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## Add-On Modules

<table>
<thead>
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<th>Qt Widgets (desktop)</th>
<th>Qt WebKit (WebKit1)</th>
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<tr>
<td>Qt Quick components</td>
<td>Qt Multimedia Widgets</td>
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<td>Qt Svg</td>
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<td>Qt XmlPatterns</td>
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<td>Qt Script, Qt Script Tools</td>
<td>Qt Wayland</td>
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<td>Qt Concurrent</td>
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<td>Qt Help</td>
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<td>Qt UiTools</td>
<td>Qt Organizer</td>
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<td>Qt Designer</td>
<td>Qt Contacts</td>
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<td>Qt ActiveQt (Windows)</td>
<td>Qt Versit</td>
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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

- Richer releases
- Shared roadmapping
- Easier customization
- More opportunities for Qt experts
- Increased stability

Broader Qt Ecosystem
Qt Project Roles

Chief Maintainer
- Leads maintainers with ultimate decision making power

Maintainers
- Final responsible for a given module or port

Approvers
- Approves / rejects contributions

Contributors
- Contributes code to Qt
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 1\textsuperscript{st} half 2012

Soon: 6 month release cycle
Commit stats - Qt 5

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Commit stats - !Nokia
Population

Gerrit accounts per end of week

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2012

is gonna be fun

http://qt-project.org