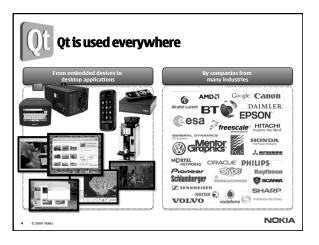
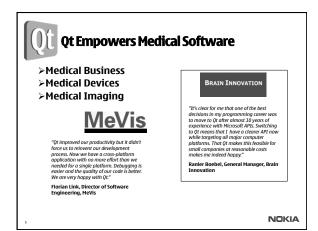
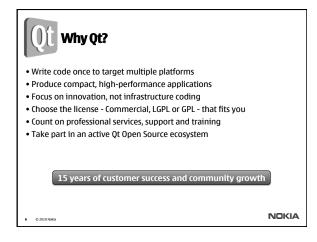


Qt licenses support all business models					
	Commercial	LGPL v. 2.1	GPL v. 3		
License Cost	License fee charged	No cost	No cost		
Must provide source code for changes to Qt	No, modifications can be closed	Source code must be provided	Source code must be provided		
Can create proprietary application	Yes—no obligation to disclose source code	Yes, if dynamically linked to Qt library	No, application is subject to the GPL		
Support	Yes, with valid maintenance agreement	Not included, available separately	Not included, available separately		
Charge for Runtimes	Yes—in some instances*	No, distribution is royalty free	No, distribution is royalty free		
3 © 2009 Nokia		when the Qt-based application is part of distribution and the main UI of the devic			

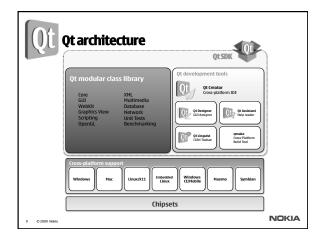


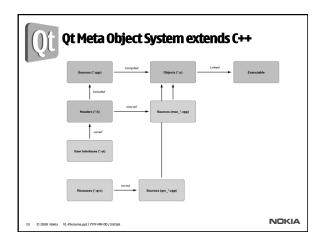


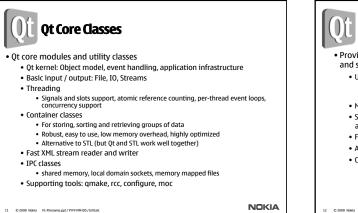


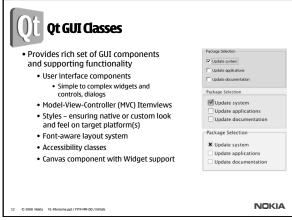
Platform	Compilers
Linux (32 and 64-bit)	gcc 4.2
Microsoft Windows XP	gcc 4.4 (MinGW) (32-bit), 2005 (32 and 64-bit)
Microsoft Windows Vista	MSVC 2005, 2008
Microsoft Windows Vista 64bit	MSVC 2008
Windows 7	MSVC 2008
Apple Mac OS X 10.6 "Snow Leopard"	As provided by Apple
Apple Mac OS X 10.5 "Leopard" x86_64 (Carbon, Cocoa 32 and 64bit)	As provided by Apple
Embedded Linux QWS (ARM)	gcc (Codesourcery version)
Windows CE 5.0 (ARMv4i, x86, MIPS)	MSVC 2005 WinCE? 5.0 Standard (x86, pocket, smart, mipsil)
Symbian (Symbian/S60 3.1, 3.2 and 5.0)	RVCT 2.2 [build 686 or later], WINSCW 3.2.5 [build 482 or later], GCCE (for applications)

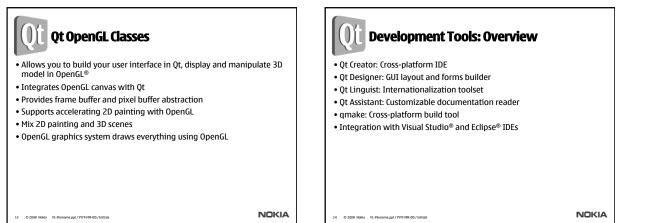
Windows 7	VC++2010	
Apple Mac OS X 10.4 "Tiger"	As provided by Apple	
HPUXI 11.23	aCC 6.10	
Solaris 10 UltraSparc?	Sun Studio 12	
AIX 6	Power5 xIC 7	
Microsoft Windows XP	Intel Compiler	
Linux	Intel Compiler	
Embedded Linux QWS (Mips, PowerPC?)	gcc (Codesourcery version)	
Embedded Linux X11 (ARM)	gcc (Scratchbox)	
Windows CE 6.0 (ARMv4i, x86, MIPS)	MSVC 2008 WinCE2 6.0 Professional	
Maemo 5 (Linux, ARM, X11)	gcc (Scratchbox)	
indows CE 6.0 (ARMv4i, x86, MIPS)	MSVC 2008 WinCE2 6.0 Professional	

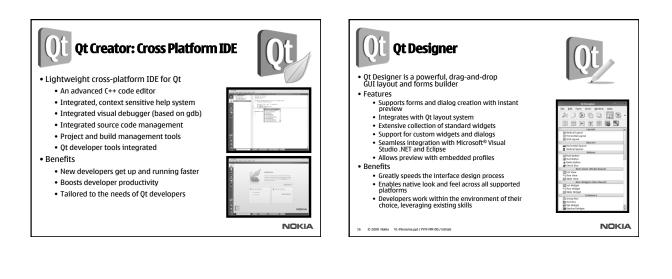


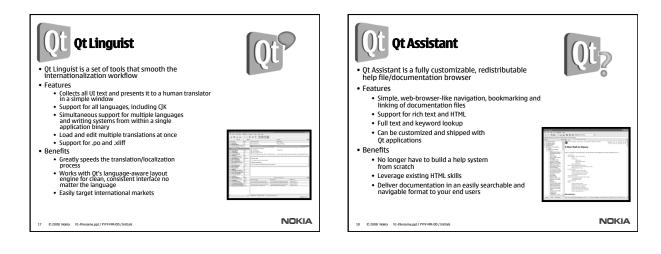


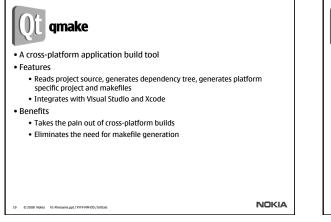




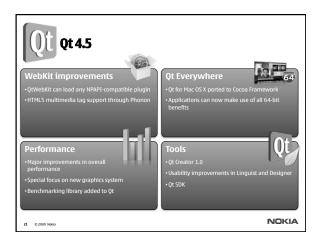


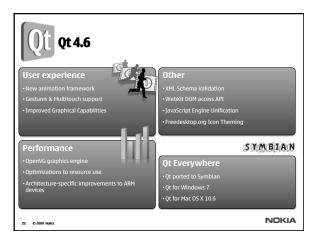


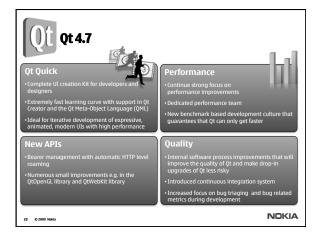


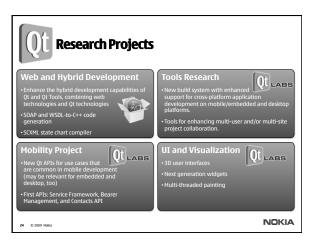


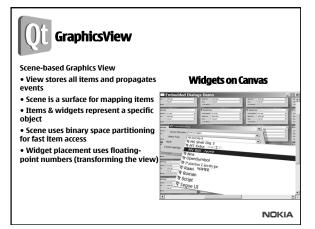
t Evolution and History				
Minor version	Feature Overview			
4.0 – A new beginning	New API, improve backend implementation to better adapt to platform change			
4.1 – Graphics	SVG, Transparency, OpenGL, PDF			
4.2 – Desktop Experience	GraphicsView, Stylesheets, D-Bus, Improved desktop integration, embedded painting performance			
4.3 – Infrastructure	QtScript, Desktop integration, Direct3D, Networking, OpenGL ES			
4.4 – Advanced UI	WebKit, Multimedia/Phonon, XML, Widgets in Graphicsview, Concurrency,IPC, Windows CE			
4.5 – Qt Everywhere	Mac Cocoa, S60, NPAPI, XSLT, Script Debugging			
4.6 – User eXperience	Animation, State Machine, Multi-touch & Gestures, Performance!!!			
4.7 – Apps	Qt Quick, Mobility API.			
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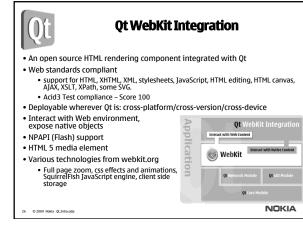


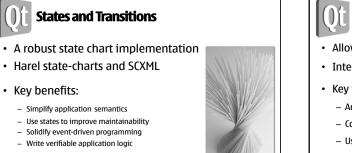














01 Animation API

- Allow users to create dynamic UIs
- Integrates with States and Transitions
- Key features:
 - Animate any QObject property
 - Combine animations in groups
 - Use easing curves
 - Synchronized timer for better
 CPU utilization



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Qt Qt-3D enablers

- Math primitives for matrix multiplication, vectors, quaternicons (client-
- side)
- API for vertex and fragment Shaders, GLSL/ES
- Future research on
 - Stencils
 - Vertex buffers and arrays
 - Texture manipulation
 - Geometry Shaders
- New QGLBuffer class
 - Create and manage vertex, index, pixel pack, and pixel unpack buffer objects
 http://doc.gt.nokia.com/4.7-snapshot/gglbuffer.html
- Improvements in OpenGL Shader API
 - See <u>http://doc.qt.nokia.com/4.7-snapshot/qt4-7-intro.html</u> for details

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Public

Qt Declarative

 A Qt module which can create a canvas-based (QGraphicsView) UI from a declarative description (QML)

• QML

The Qt Meta-Object Language allows describing a tree of objects with properties in an
extremely intuitive and productive way. It also allows easy integration to native code
where any meta-object (Object) information is made available.

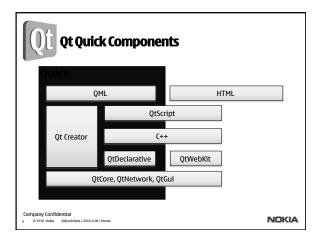
CSS Influenced with Javascript

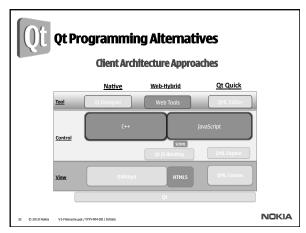
Creator

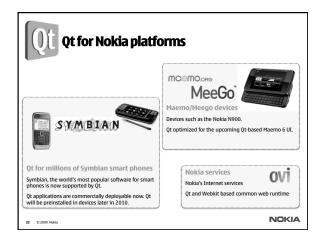
10 (0.2010 Nokia QtQuickSales / 2010-4-06 / hhart:

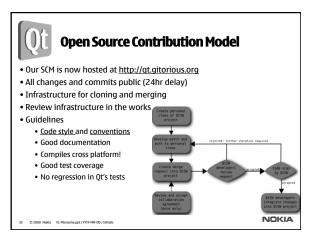
- Full Qt Creator Integration, including New Project Wizards, Syntax Highlighting, Intellisense, Error Lookup, Documentation Integration and QML inspector
- drag-and-drop visual editing of QML files.(Preview)

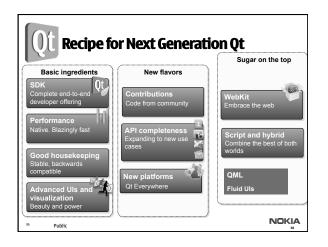
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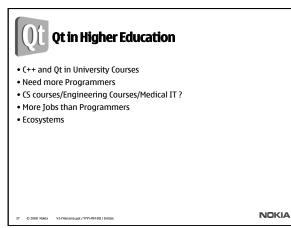














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●Qt An Introduction to Design Patterns in C++ with Qt 4, Alan and Paul Ezust ●Foundations of Qt Development, Johan Thelin ●C++ GUI Programming with Qt 4 Jasmin Blanchette, Mark Summerfield

•Advanced Qt Programming: Creating Great Software with C++ and Qt 4 •Programming with Qt by Matthias Kalle Dalheimer

•The Book of Qt 4: The Art of Building Qt Applications, Daniel Molkentin

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