

TR[⏻]OLLTECH[®]

Qtopia and the Qtopia Greenphone

Write, Test and Deploy applications on an embedded device



07 | 07



TROLLTECH

Over 13 Years of Success

- ⏻ Founded in 1994 / Headquarters in Oslo, Norway
- ⏻ Over 200 employees worldwide
- ⏻ Offices in Brisbane, Australia; Redwood City, California; Berlin and Munich, Germany; and Beijing, China
- ⏻ Publicly listed on Oslo Stock Exchange
- ⏻ Over 4500 customers in over 55 countries
- ⏻ **13 year track record of remaining at the leading edge of development on all platforms**

Qt AND Qtopia



Qt is a cross-platform software development framework

- ⚡ Industry-leading cross-platform C++ software development tools
- ⚡ Supports Windows Linux, Unix, Mac and Embedded Linux
- ⚡ Basis for KDE, the leading Linux desktop environment

Faster time to market at a lower cost



Qtopia is a Linux-based application framework

- ⚡ Framework and application suite for Linux-based devices
- ⚡ Platform for 3rd party technology integration
- ⚡ Enable of fast and efficient innovation in device development

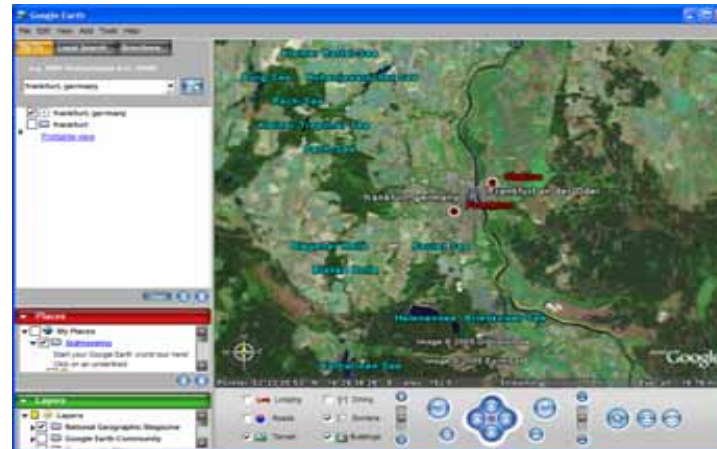
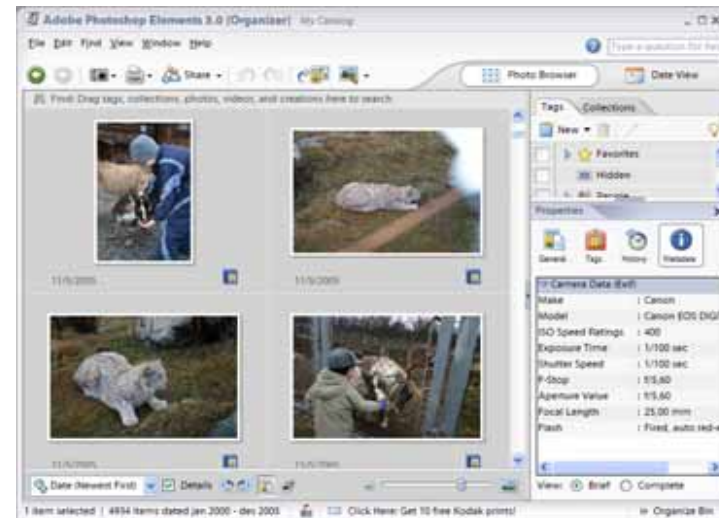
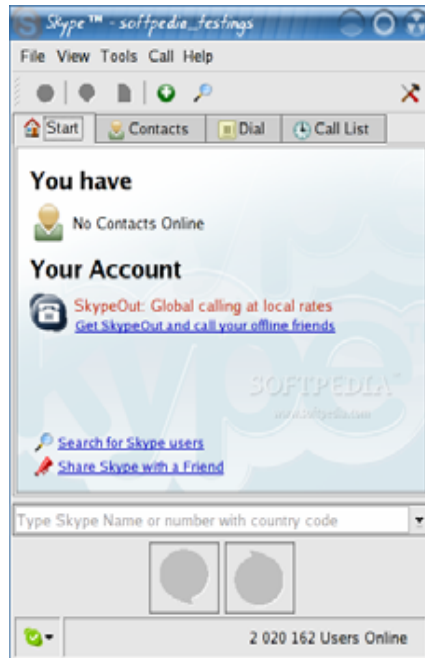
Faster time to market with more functionality

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ONE PLATFORM. NO LIMITS.

TROLLTECH ASA

Dual Licensing

- Ⓞ Trolltech delivers all the advantages of open source...
 - Ⓞ GPL Licensing for open source development
 - Ⓞ A thriving community of tens of thousands of open source developers
 - Ⓞ Complete code transparency – see *under the hood*
 - Ⓞ Thousands of Qt-based open source projects
- Ⓞ ...in a commercially viable business model
 - Ⓞ Commercial licensing for proprietary development
 - Ⓞ Excellent product support, training and documentation
 - Ⓞ Growing ecosystem of 3rd party tools, components and services
 - Ⓞ Dedicated team of Qt and Qtopia developers



Qt-based applications are used daily by an estimated 15-20 million people. Applications such as **Adobe Photoshop Elements®**, **Google Earth™**, **Skype®**, and the **KDE (K Desktop Environment)**

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POWERED BY Qtopia and already in a shop near you ...

MORE THAN 5 MILLIONS DEVICES IN THE MARKET TODAY



- Ⓞ Cellular Phones
- Ⓞ IP Phones
- Ⓞ Home Media
- Ⓞ Portable Media
- Ⓞ Game Consoles
- Ⓞ In-Vehicle Computers
- Ⓞ ..and a range of industrial devices..



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Qtopia CORE

The Embedded Technology Foundation

⏻ Targets

- ⏻ Customers involved in creation of embedded Linux products
- ⏻ Typically lower volume “industrial” type applications
- ⏻ Across all segments

⏻ Benefits

- ⏻ Extends Qt beyond the desktop
- ⏻ Highly productive creation of
- ⏻ single application embedded
- ⏻ Linux systems



Embedded Linux
port of Qt4

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Qtopia PLATFORM

The Heart of Qtopia

⏻ Targets

- ⏻ Customers involved in creation of multi-application embedded Linux products
- ⏻ Across all segments

⏻ Benefits

- ⏻ Consistent APIs for developers
- ⏻ Builds on Qtopia Core for creation of multi-application embedded systems

⏻ Support for advanced multi-application products

- ⏻ Plug in framework
- ⏻ Data linking
- ⏻ High-level widgets
- ⏻ Input methods
- ⏻ Apps launch & lifecycle management

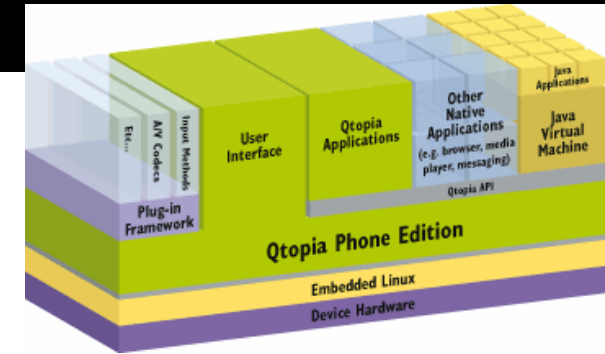


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Qtopia PHONE EDITION

Segment Focus



⏻ Targets

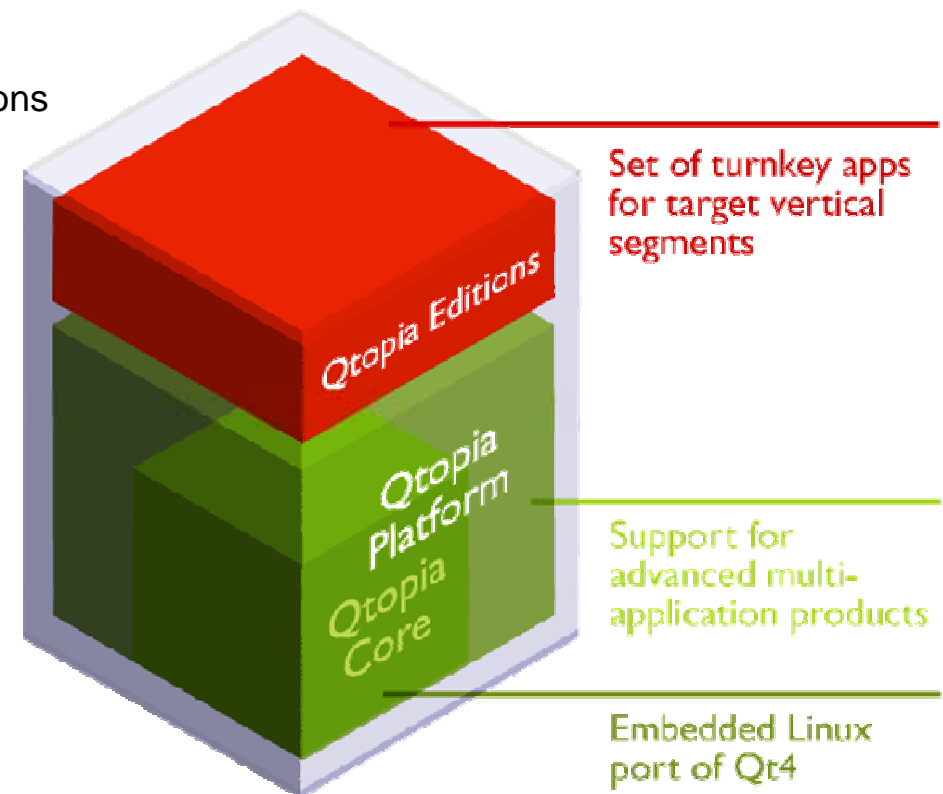
- ⏻ Customers involved in creation of complex embedded products
- ⏻ In priority vertical segments
- ⏻ Focusing on turnkey solutions

⏻ Benefits

- ⏻ Fast, high-value turnkey solutions for specific segment need
- ⏻ Shorten time-to-market

⏻ Builds on Qtopia Platform

- ⏻ Phone-specific applications
- ⏻ Telephony integration



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Qtopia GREENPHONE

First Open-Source Development Platform

- ⏻ Open mobile phone for development of 3rd party Linux applications
 - ⏻ Enables faster development and quicker time to market
- ⏻ Enables the creating, modifying, extending or testing of applications on a working GSM/GPRS mobile phone
- ⏻ Fully open, customizable and re-flashable
- ⏻ Targeted at commercial and open source developers, Trolltech partners, in-house software developers at operators and OEMs
- ⏻ SDKs include source code for phone platform and applications



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Not intended as commercial, end-user phone
but as proof of software concepts

Video Demo

🔌 Qtopia Phone Edition on GreenPhone

- 🔌 Application Launcher
- 🔌 PIM: Contacts, Calendar
- 🔌 Messaging
- 🔌 Photo Editor & Multimedia Player
- 🔌 Integrating your applications - Browser
- 🔌 UI Customization
 - 🔌 Themes
 - 🔌 Icons
 - 🔌 UI Engines



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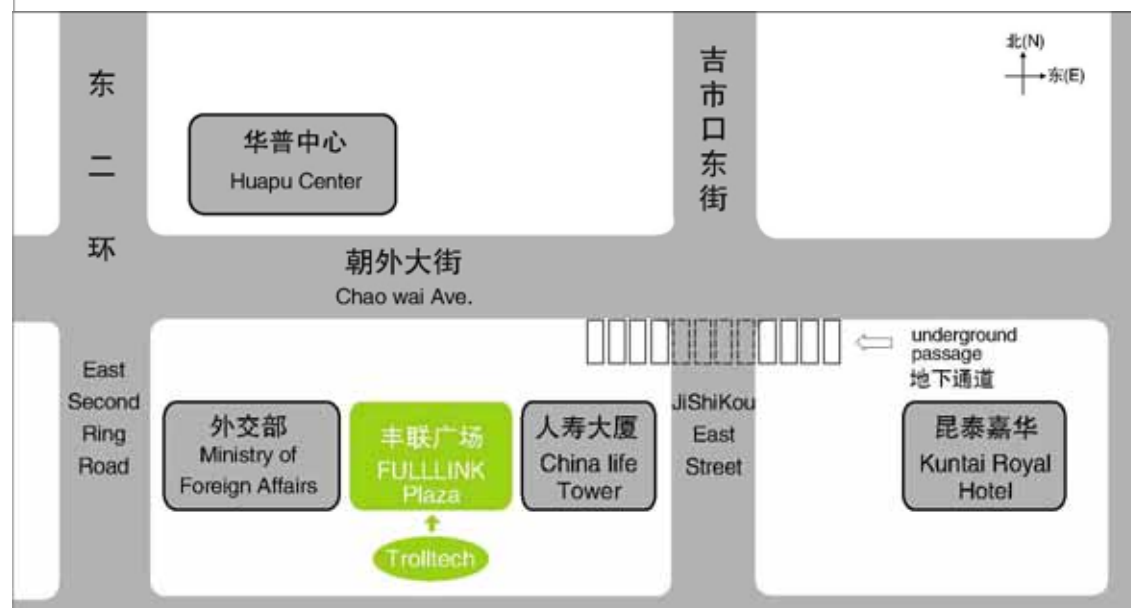
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