

# Porting Qt Applications to Mobile

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Code less.  
Create more.  
Deploy everywhere.



# Who am I?

- Milot Shala
- Software Engineer
- Nokia Certified Qt Developer & Qt Ambassador

I am also an Android developer



Nokia Certified  
**Qt Developer**





# Agenda

- What is Qt
- Qt Roadmap
- Qt 4.6 New Platforms
- What's new in Qt 4.7
- Porting applications to mobile



# Qt: A brief introduction

- Qt Software (formerly Trolltech) founded in 1994
  - Trolltech acquired by Nokia in 2008
  - Trusted by over 5,000 customers worldwide
- Qt: A cross-platform application and UI development framework
  - For desktop and embedded development
  - Used by more than 250,000 commercial and open source developers
  - Backed by professional services, support and training



# Qt is used everywhere

Across a wide range of embedded devices and applications



By companies from many industries



KDE and VLC are written using Qt!



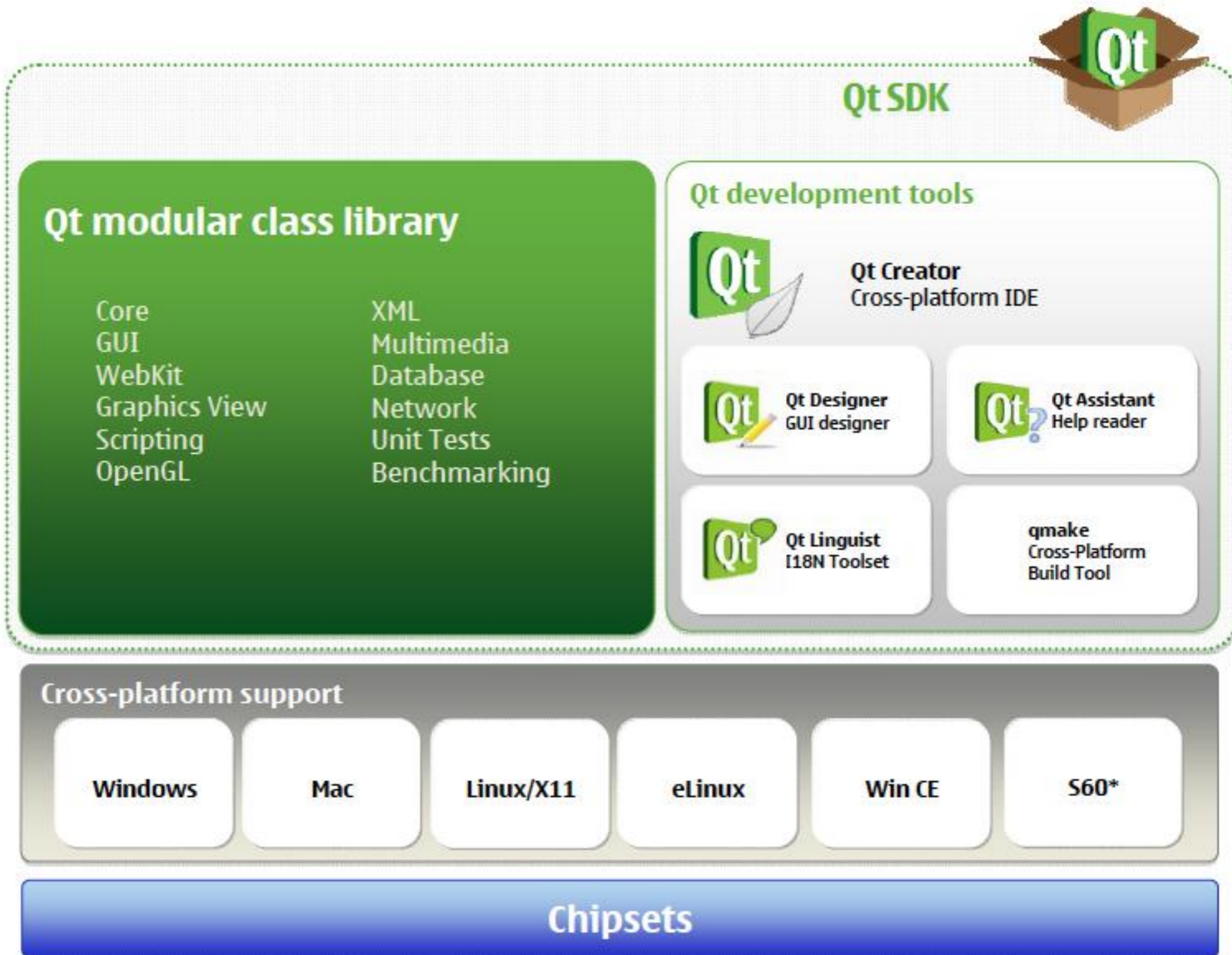
# Unique Benefits

- Write code once to target multiple platforms
- Produce compact, high-performance applications
- Focus on innovation, not infrastructure coding
- Choose the license - Commercial, LGPL or GPL - that fits you

**15 years of customer success and community growth**



# Qt licenses supported business models



v. 3

must be

is subject

available

is royalty

License Cost

Must provide code for change

Can create proprietary application

Support

Charge for Runtime

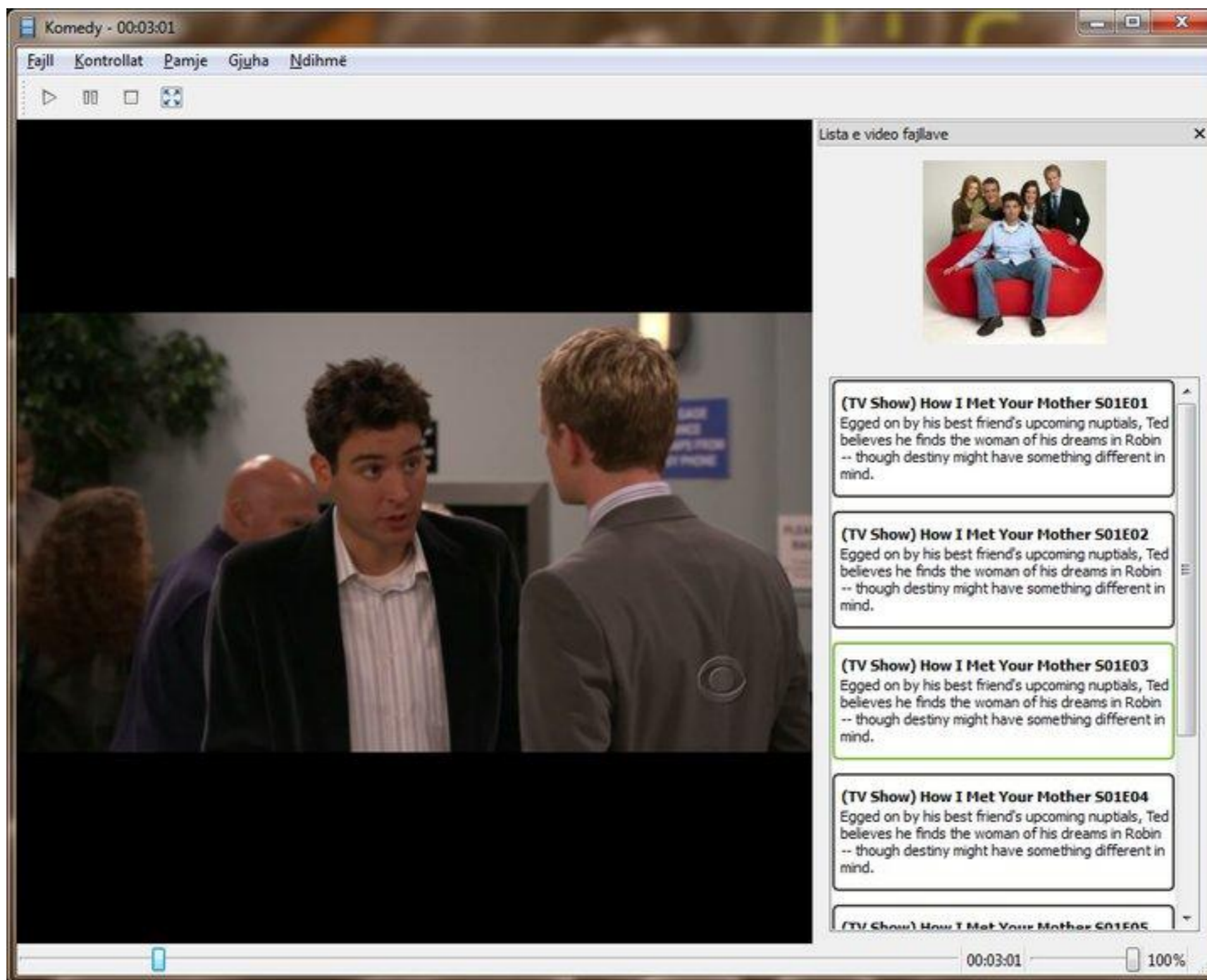


# New platforms on Qt 4.6

- Windows 7
- Mac OS X 10.6
- Symbian
- Maemo 5



# Komedy Video Player





# What's new in Qt 4.7

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## Qt Quick screens



## Mobile Platforms that support Qt

- Official
  - Symbian (Symbian/S60 3.1, 3.2, 5.0 and Symbian^3)
  - Maemo
  - MeeGo (Moblin + Maemo)
  - Windows Mobile 5.0 and 6.0
  - Windows CE 5.0 and 6.0
- Unofficial
  - Android
  - iPhone

\*Symbian, Maemo and MeeGo are Open Source



## DEMO

- Application was written on Mac OS X 10.6
- It works on all major Nokia mobile platform



## Developing using Qt: How it looks?

- Qt Creator is a powerful IDE
  - It is open source and it's community driven
  - Has simulator support for mobile application development
  - Supports code-completion
  - ...

Let's see it in action by creating a simple application!



Questions?