Forum Nokia for Universities Education and Innovation on Mobile Platforms

Jarmo Rintamäki

Manager, University and Developer Training Services
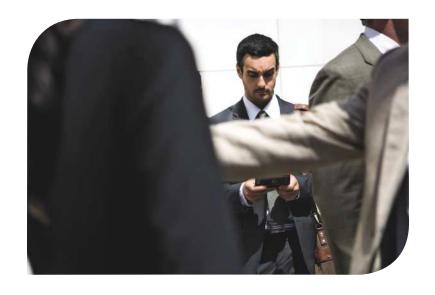**Forum Nokia**

Forum NOKIA

Forum Nokia?

The Forum Nokia mission:

- Bring innovation to devices, services & software
- Create business opportunities for mobile developers
- Connect developers to tools, technical information, support, and distribution channels
- Help build and market applications
- Support technical and business development

Forum NOKIA

The Leading Mobile Developer Community

Forum Nokia provides technical know-how to developers for all Nokia supported technologies

For application developers

- Symbian C++
- Java™ technology
- Flash Lite
- OpenC
- Python
- Flash Lite
- Web technologies - Nokia's Web Run-Time

For content and creative developers

- Images
- Video
- Audio
- SVGT
- Themes
- SMS
- MMS
- Web

Forum NOKIA

Why does mobile and Nokia matter to developers?

- More than 3 billion mobile phones worldwide - one for every two people on the globe

- Expected to jump to 4 billion by 2010 - roughly triple the number of personal computers

- Nokia represents 39% of the total market share in terms of device penetration

- Over 900 million Nokia handsets are in use around the world

- More than 100 million S60 smartphones shipped

Forum NOKIA

Thousands of developers are creating solutions for Nokia

- Direct contact with thousands of developers globally

- More than 6,000 S60 commercial applications available

- More than 45,000 of MIDP2 Java apps

- More than 9,200 commercially available Symbian applications by third-party developers

Forum NOKIA

How big is Forum Nokia ?

- 3.8 million registered users

Developers Community:

- 850.000 site visits per month
- 630.000 unique visitors per month
- 1.85 million page views

Forum NOKIA

University and Developer Training Services

Forum **NOKIA**

University Programs

University Programs

- **Forum Nokia University Program** provides universities with technical events, training, curriculum materials and mobiles system learning materials. The program is comprised of some 200 professors, researchers and lecturers in some 70 universities and 12 countries.

- **Forum Nokia Innovation Network** is a dedicated cluster of selected Forum Nokia university members with the aim to research, develop and deploy innovative mobile solutions together with developer companies, ISVs and other related industry players. The network focuses on applied research, proof of concept development, real world testing, rapid prototyping, and mobile systems and applications training and education. The network will enable scalable collaboration activities and foster innovation capturing and knowledge transfer between mobile developers globally.

• Ensures a highly skilled global university network with excellent capabilities on Nokia platforms to run both scientific and commercial development projects with developer companies and Nokia R&D

•Brings new innovating, high quality content, applications and services to Nokia platforms

•Ensures that a critical mass of Nokia Platforms related competence and resources exists in the community

•200 collaborated R&D projects carried out between universities and external companies in 2007

•100 technology events and workshops for 6000 participants carried out by the FN university program in 2007

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Developer Training

Developer Training

Forum Nokia Developer Training Services provides developers with an access to the latest technical information and learning materials. Forum Nokia runs a global network of Nokia Certified Training Centers providing courses about Nokia related technologies and solutions. Developer Training Program co-operates with the mobile software industry stakeholders (S60 licensees, SW subcontractors and other partnering companies) and publishing houses by arranging joint programs and training activities.

• Offers quality training via the Global Nokia Certified Training Center Network of 6 commercial training companies and 4 universities.
•Ensures early adoption of new Nokia technologies in the key developer community
• Creates and maintains top quality learning content and solutions for both developer training and university education
•Supports Nokia R&D subcontractors by coordinating joint training programs
•Provides SW engineers with industry standard skills accreditation on Symbian OS and S60 SW development

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Community Services

Community Services

- **Online:** Managing the Forum Nokia online developer community site (discussion boards, wiki, and blogs). Internal customer/partner entities: 10+, including technology/platform development organizations (like Series 40 Java, S60, S60 Java, Flash Lite, etc.), Ovi developer offering, Trolltech developer offering, online customer care, and of course other groups in Forum Nokia

- **Open source:** Managing relevant open source communities and ensuring the alignment with Forum Nokia community. External communities include KDE, www.qtcentre.org, www.qtforum.org/ and maemo.org. The open source community engagement activities are run with internal business partners (Devices/Qt software and maemo software).

- **Designers:** A program for designer communities, meaning non-developers with graphics and user interface skills and competences to establish Nokia platforms as the leading UI innovation environment.

- Ensures that Nokia developers have a compelling development offering and fast interaction services for their service and application development

Forum NOKIA

http://www.forum.nokia.com/main/forum_nokia_for_universities/

http://www.mobileradicals.com/index.php/Forum_Nokia_Innovation_Network

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Forum Nokia Innovation Network

Forum NOKIA
Driving mobile innovation

Aims of Network

Forum Nokia ⊡ Innovation Network is a dedicated cluster of selected Forum Nokia PRO university ⊡ members with the aim to research, develop and deploy innovative mobile solutions together with developer companies, ISVs and other related industry players. The network focuses on applied research, proof of concept development, real world testing, rapid prototyping, and mobile systems and applications training and education. The network will enable scalable collaboration activities and foster innovation capturing and knowledge transfer between mobile developers globally.

Focus Areas for 2008

- Mobile Experiences
- Cooperative Mobile Networks ⊡

About Nokia Innovation Network at Lancaster University

The UK's Nokia Innovation Network hub is based at Lancaster University ⊡ which is consistently rated amongst the top ten universities in the country. It is managed by Paul Coulton and Reuben Edwards and housed within InfoLab21 ⊡, the international centre for excellence in ICT. The group at Lancaster has an international reputation in mobile applications research and have won a number of Awards for innovation.

Areas of Expertise

The group has experience in many aspects of mobile systems but is particularly renowned for its expertise in creating uniquely mobile entertainment applications across the range of environments such as S60, J2ME, Flash Lite, Python, WidSets (Helium script) and WRT. Many of their projects incorporate the paradigms of Web 2.0 such as collective intelligence, user generated content, perpetual beta, the long tail, open standards, etc.

Current Research Areas

- Location Based Services
- Mixed and Augmented Reality
- Novel Interaction Techniques (e.g. using cameras, accelerometers, RFID/NFC, touch)
- Presence and Context Services (e.g. using IMS)
- Health and Well Being (e.g. using heart rate monitors and reflective applications)
- Environmental Monitoring and Sensing
- Mobile Social Networks

Contact

- Dr Paul Coulton ⊡
- Dr Reuben Edwards ⊡

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S60 5th Edition
http://www.forum.nokia.com/main/platforms/s60/

Qt port to Maemo
http://qt4.garage.maemo.org/

Qt port to S60
http://trolltech.com/developer

Forum Nokia Developer Community
http://community.forum.nokia.com/

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