

Trilogy – Architecting the Future Internet

Welcome to Internet Reloaded

An interactive workshop organised by the EU FP7
Trilogy project and hosted by BT Innovate.

Mike Hook (Roke Manor Research)

March 2, 2009



Objective of Today

- An interactive workshop on the impact of upcoming changes to the fabric of the Internet
- Opportunity for interaction between
 - Technologists driving Internet architecture forward
 - Leaders of Internet-focused businesses
- The output of the day will be...
 - For Industry - a preview of where technology may take the Internet and its potential business impact
 - For the technologists - future research directions to take account of commercial perspectives



Questions for Industry

- Fundamental changes are being proposed to the underlying protocols and architecture of the Internet
 - But what will be the impact on you?
 - How can you exploit these changes?
 - How will your competitors react?
 - What new business models might emerge?
 - Have these researchers taken everyone's interests into account?



Participants

- Open-minded, strategy-level individuals who represent the full spectrum of Internet stakeholders:
 - Telecoms network operators, ISPs, IXPs
 - New internet companies, application providers, software companies
 - Enterprises in retail, financial services, media and content
 - ICT vendors, equipment vendors, system integrators
 - Investors and entrepreneurs
 - Consumer interest bodies and regulators



Trilogy Project

- The Internet is out-growing its original design
- End users plagued by security issues
- Operators spending time mitigating the effects of address space depletion, and heavy vs light users
- Enterprises desire resilience
- Developers have to circumvent NATs and other middleboxes

- *Trilogy aims to develop a new, scalable, future-proof architecture for the Internet, centred around an integrated control architecture for routing and resource control*



Logistics of Today

- Morning
 - Four key-note presentations
 - 1st breakout session - *technologies increasing choice*
- Lunch in the Cyber Café
- Afternoon
 - Feedback session
 - Two further key-note presentations
 - 2nd breakout session - *sustainable business models*
 - Panel session - *lessons for researchers*
- Reception in the BT Tower Restaurant



Rules of the Day

- We want to encourage free, open and honest discussion, therefore: *all comments are completely non-attributable*
- Participants are free to use the information received, but should not reveal the identity or the affiliation of the speaker
- Photographs will be taken (Bob Whitehouse) for press releases and the Trilogy project web-site
- Mobile phones on silent please



Morning Presentations

- **Session 1 - Visions of the Future Internet**

09:15 - 09:45 Matt Bross, Opening Keynote: the Future of the Internet

09:45 - 10:15 Ohad Finkelstein, Technology and innovation during financial meltdowns.

- **Session 2 - New Technologies Intensifying Choice**

10:15 - 10:35 Hossein Mooin, Personal Broadband: Vision and Reality

10:35 - 10:55 Mark Handley, Spreading sessions across ISPs



Our First Speaker

- Matt Bross
 - CEO BT Innovate and BT Group CTO
- “The Future of the Internet”

