



BUILDING International Cooperation  
for Trustworthy ICT

Jim Clarke, Waterford Institute of Technology, Ireland  
Project coordinator of BIC

# BIC session agenda

- BIC summary of year 1 – Prof. Michel Riguidel, ENST, FR
- Spot presentations on topics requiring international coop.
  - Prof. Katrin Franke, Norwegian Information Security Laboratory
  - Mr. Nick Wainwright, HP Labs
  - Mr. Thomas Ruddy, University of Zurich
  - Others.....
- Audience discussions/feedbacks
- Wrap up

## Wrap up – other raised topics by audience

- Questions were raised about the point raised about the feasibility of convergence of EU and US privacy – we first need to solve the EU Member States challenges and then national perspective before this can take place.
  - *It was suggested to look at the report of the FIA Ghent session on Privacy and citizenship @ [http://security.future-internet.eu/images/1/1c/Privacy\\_and\\_citizenship](http://security.future-internet.eu/images/1/1c/Privacy_and_citizenship)*
- *Greater levels of international cooperation is needed in web semantics, Linked data communities, which could solve some of the mentioned challenges raised during the presentations e.g. Diversity, interoperability, scalability, ....*
- *Regarding the use of universal models (like the semantic web) to deal with interoperability, the semantic interoperability (or inter functioning) is difficult to formalize because natural language is very ambiguous by construction. For this reason , it is hard to invent a universal language. It is hard to formalize a universal Semantic Web (always the difficulty to define “ontology”). Natural language is contextual, approximate.*



## Wrap up – other raised topics by audience

- In computer science, one has to differentiate between syntactic interoperability rather than semantic interoperability. We usually simply have a syntactic compatibility: this is the concept of open world. We specify the interfaces in order to be able to interact with public entities (called open interfaces). Talking about interoperability of programs is more difficult because software providers only specifies the interfaces of inputs and outputs without knowing what is calculated within the program. There is an opacity in software, except in the free software where the source is known and transparent. **We must always distinguish data interoperability and interoperability of computer programs. We can define formats (XML, for example) so that data can be read by any program.***



## Wrap up – other raised topics by audience

- *Governments have different regulatory enforcement strategies, notably the U.S. is very "hands-off" and market-driven. Recently, the U.S. White House CTO said the U.S. won't be developing separate safe harbor agreements for each country and thus, this could put the onus on industry to "work out" the multi-jurisdictional compliance issues. Processing E.U. data in the U.S. was a sufficiently large issue to motivate government involvement. It's also likely that different national privacy laws will continue to diverge due to cultural and social differences. Thus, what industry might try is to investigate adaptive architectures that can be configured to reflect the type of data being handled (e.g., U.S. vs. E.U. vs. Singaporean vs. another national identity and their corresponding governance requirements).*
- *Regarding data control and privacy, there is obviously a conflict between privacy and monitoring, when we try to control the network. A clear definition (and understanding of what is meant by pro-active forensics (forensic readiness) is required. The common criteria approach mentioned earlier would help with this also.*



# BIC session wrap up – upcoming events

- **21-22<sup>nd</sup> JUNE 2012: BIC Workshop on the Coordination of International Cooperation in RTD, Brussels, Belgium (open event) and BIC Working groups meetings.**
- **27<sup>th</sup> November 2012: BIC IAG Annual Forum 2012: (co-located with 2012 Africa-EU Cooperation Forum on ICT)**  
**<http://euroafrica-ict.org/2012-africa-eu-cooperation-forum-on-ict>**
- ***For information on any of the above, please contact Jim Clarke <[jclarke@tssg.org](mailto:jclarke@tssg.org)> or Neeraj Suri <[suri@cs.tu-darmstadt.de](mailto:suri@cs.tu-darmstadt.de)>***

*Please visit <http://www.bic-trust.eu>*

***Thank you for your interest in the BIC session!!!***

