26th UN/CEFACT Forum
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Methodology and Technology PDA
New Technologies
Current technologies

- For information exchange
  - UN/EDIFACT syntax (ISO 9735)
    - First published in 1988
    - Latest version in 1998
  - UN/CEFACT XML (W3C’s XML specifications)
    - Published in 1998
    - XML Schema published in 2001

- Other technologies
  - Development tools, e.g. UML
  - Technologies for library maintenance
    - Not discussed in this presentation
New(er) technologies

- Cloud computing
  - Potential for SMEs and developing countries
  - Security remains a concern
- Mobile
  - No longer phones - light computers
  - Can extend trade to persons (B2C/G2C)
- APIs & Apps
- Interface standards (pull communication)
- Grid computing
- … and much more
Why change (or not)

• Must be user driven
  o Technology for technology’s sake fails
  o But the potentials of new technology must be understood by the users

*If I had asked people what they wanted, they would have said ‘faster horses.’*

Henry Ford
Why change (or not)

• Certain maturity required in our domain
  o Reliability
  o Cost
  o Knowledge
• If it ain’t broken…
  o Solving the same business problem better is not enough
  o UN/EDIFACT is still increasing more than XML in many domains
UN/CEFACT groups’ view

- ITP: Possible projects:
  - Mobile Business
  - RFID guidance

- Customs
  - Use of digital signatures in eCert

- Travel and Tourism
  - Exploring use of cloud computing

- Agriculture
  - Included pull information exchange for traceability
Asia Pacific Council for Trade Facilitation and Electronic Business

A note for the discussion on Trendy Technologies

2015 July

By the TMC Chair, Hisanao Sugamata
Discussion points

• Do we need a R&D function?
  o The role of Methodology & Technology PDA
  o The role of sector and national development
  o Collaboration with external organisations

• How do we capture user requirements?

• How do we bridge existing Standards & Recommendations with new technology?

• How do we “capacity-build” ourselves and our users?

• Next step