



EURAS/Skövde – 16/17 June `08

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What is a standard? - 1

- **Technical standards are usually (minimum) sets of requirements telling you “WHAT to do, not HOW”.**
- **NOT a product specification! Standard alone is often not sufficient to develop a product: more knowledge needed.**
- **Good standard leaves maximum room for competing products that conform to the standard.**



What is a standard? - 2

- **Standards alone do not create a market: Competing standards: more the rule than the exception in the dynamic ICT standardisation environment/market: Study by Prof. K. Blind/Germany, 2007.**
- **They act like catalysts, and help a lot to spread a technology. Standards without entrepreneurs are paper tigers only.**
- **The market decides which products win!**



What is a standard? - 3

- **Standard may contain options: defined in a normative way, only their implementation is optional.**
- **Standard does not contain conformance test but is an essential condition for test suites.**
- **Standard may contain a reference implementation: informative model on how one can implement the standard.**



(Im)possibilities of ISO/IEC - 1

- **In: International process rules; JTC 1 Directives April 2007.**
- **Out: Autonomy and jurisdiction of NBs. Harmonized NB process rules.**
- **In: facilitator role for standards development: 'level playing field'.**
- **Out: Handling of economic and political actions and arguments, e.g. anti-trust.**



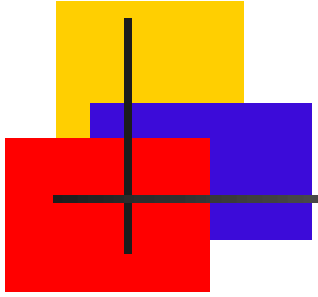
(Im)possibilities of ISO/IEC - 2

- **In: development of standards.**
- **Out: implementation and use of standards i.e., products, regulation, etc.**
Implementation of JTC 1 standards is NOT mandatory.
- **Out: control of IPR, settling IPR disputes, licensing on less/other than RAND conditions.**
- **In: collecting and transferring IPR info on voluntary and best effort basis.**



ISO/IEC JTC 1 processes

- **Three types of processes:**
 1. **Normal 5-stage: NP, WD, CD, FDIS, IS; 24-48 months, average 32 months.**
 - 1a. **Accelerated procedure: NP + CD.**
 2. **Fast Track: DIS, 10-18 months.**
 3. **Publicly Available Specification: PAS; Derivative of FT. Initially: FT + 4 months.**



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