

XML4IP

Progress Report

(Task No. 41)

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Acknowledgement

- These slides are based on the inputs by the XML4IP Task Force members, which are still under discussion within the XML4IP Task Force.

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XML4IP Task Force

- XML4IP Task Force was created by the SDWG in 2007 to prepare:
 - Global International Common Elements (GICEs)
 - XML Schemas / DTDs
- 40 members from 21 IPOs
- Discussion via the Wiki eForum
 - <https://www3.wipo.int/confluence/display/xml4iptf/Home>
- Documents and proposals discussed by the Task Force are available on the WIPO's website at:
 - <http://www.wipo.int/scit/en/taskfrce/xml4ip/background.htm>

Activities by the XML4IP TF

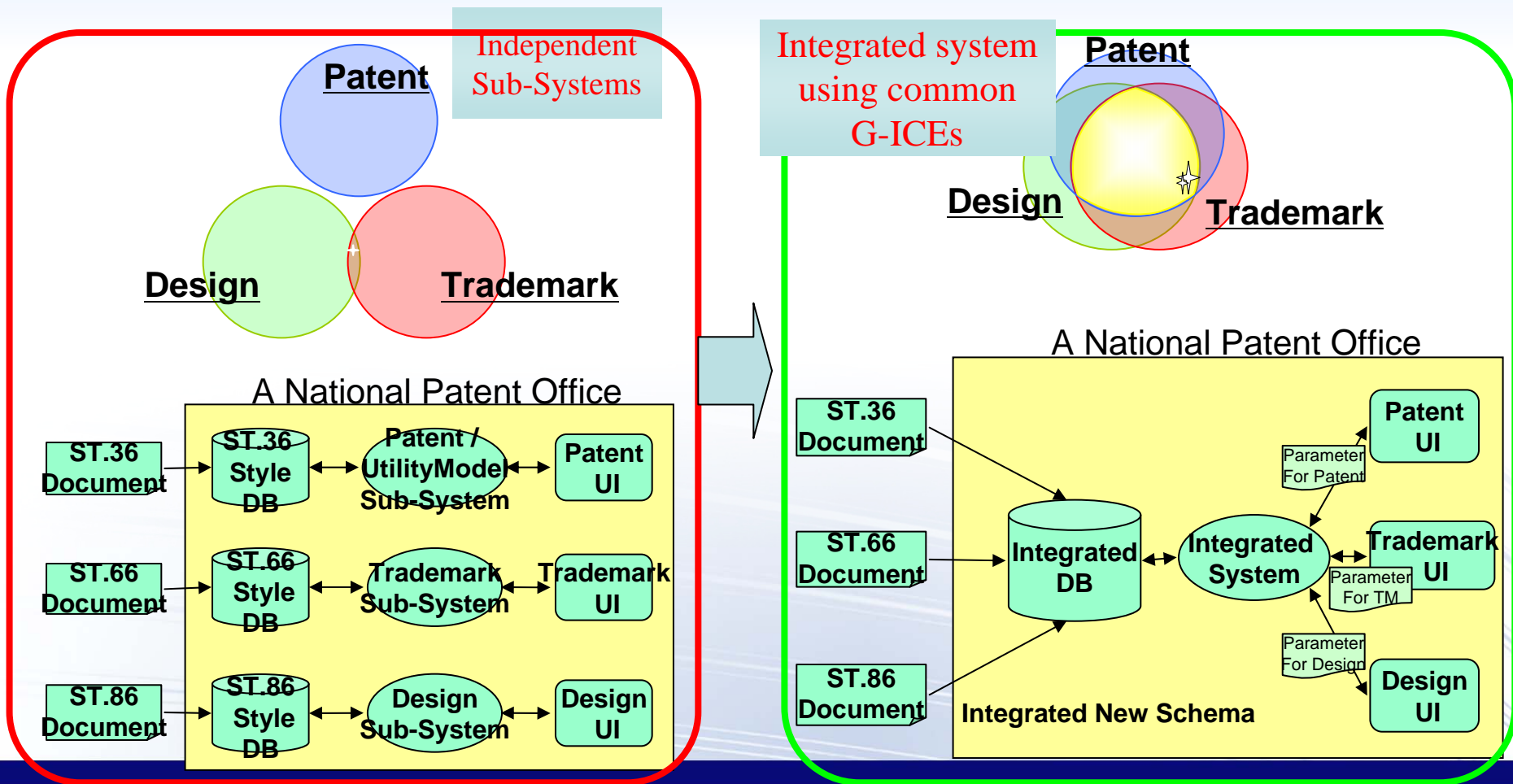
- Ongoing Discussions -

- Objectives of XML4IP
- Scope of XML4IP
- Structure of XML4IP
- Design Rules and Conventions
- International Common Elements and Types:
Core Schema Components
- Compatibility Forms with ST.36, ST.66,
ST.86 (planned)

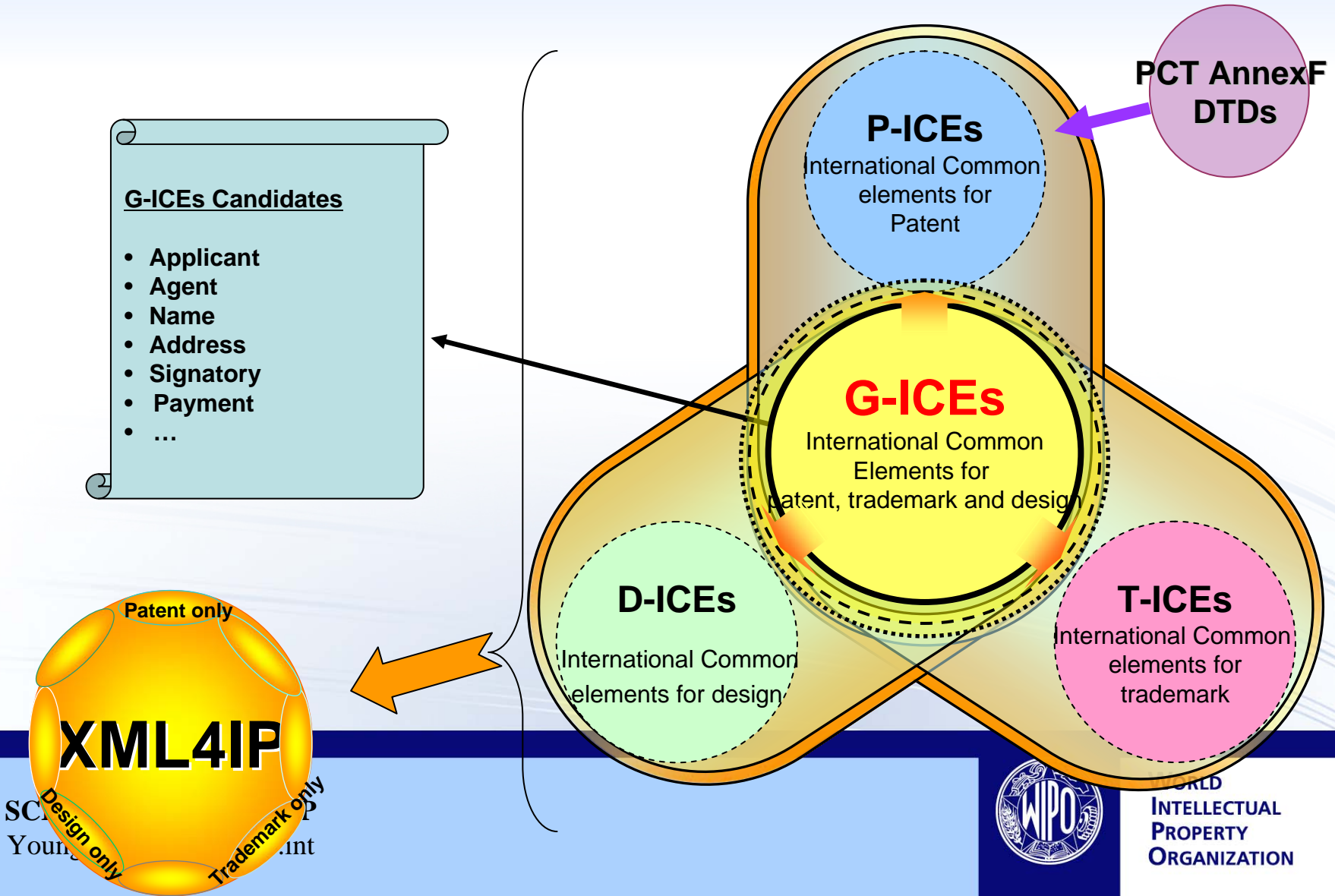
Objectives of XML4IP

- Harmonization between three IP types
- Interoperability of data exchange among IPOs
- Compatibility with WIPO Standards ST.36, ST.66 and ST.86
- Detailed implementation guide

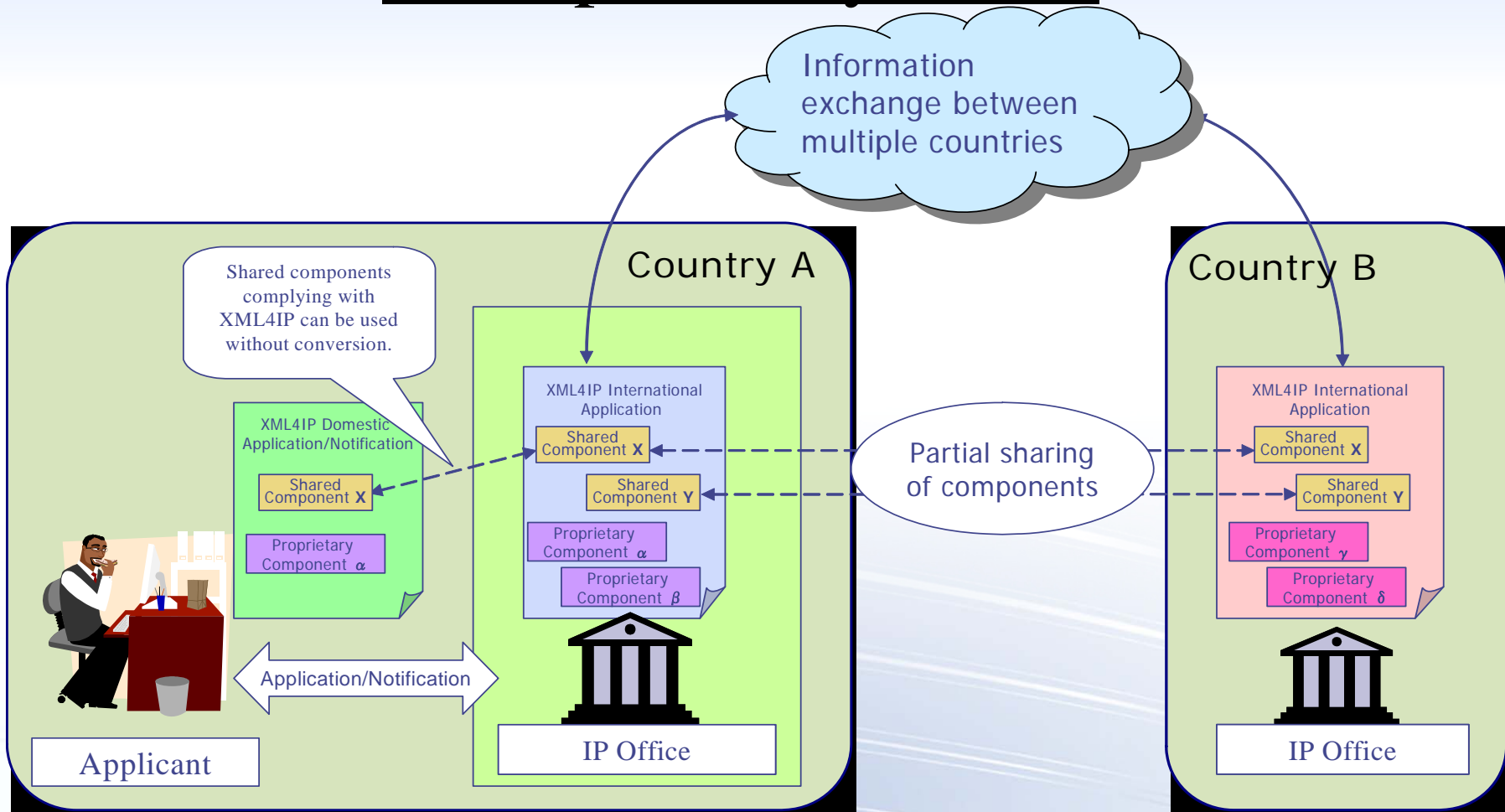
Harmonization: Issue and Desire



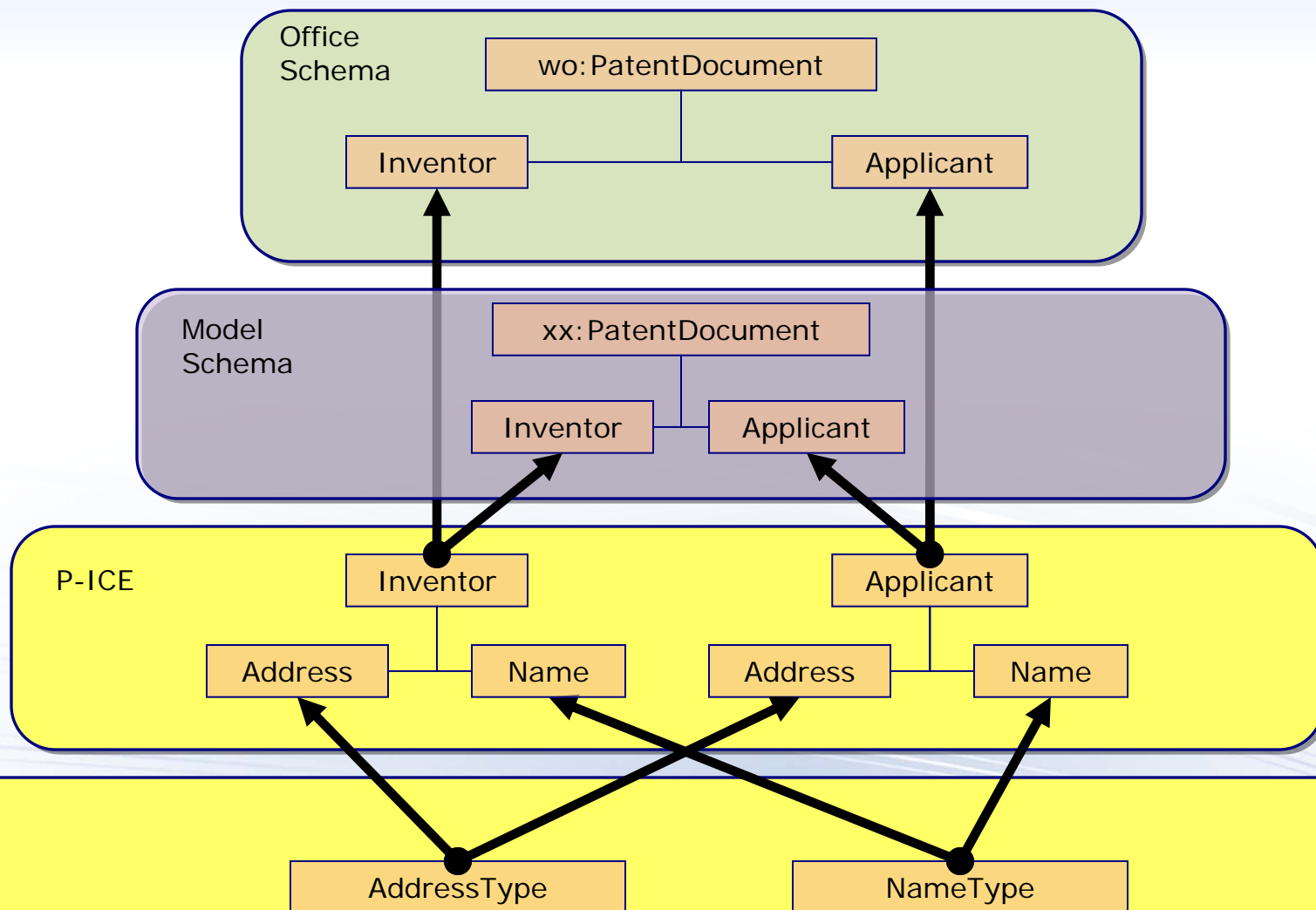
Harmonization: Provisional Solution



Interoperability: Issue



Interoperability: one of possible solutions



Compatibility with existing Standards

- XML4IP aims at superseding WIPO Standards ST.36, ST.66 and ST.86
- A number of IPOs have adopted WIPO Standards ST.36, ST.66 and ST.86 extensively in their operations.
- Many IP information providers also use the existing WIPO Standards in their production.
- IPOs and other IP information users wish to achieve a degree of compatibility between XML4IP and the existing WIPO.
- Solution for the compatibility (compatibility form) to be provided

Implementation: Issue

- IPOs have difficulties to implement WIPO XML Standards, i.e., ST.36, ST.66, ST.86
 - There is no implementation guideline in the Standards
- Implementation of WIPO XML Standards in one IPO is different from the other IPOs' implementation.
 - Flexibility increases diversity of implementation and complexity of data exchange

Implementation: Provisional Solution

- Provide the detail implementation guideline with concrete examples
- Use Core Schema Components (International Common Elements: ICEs) as much as possible

Challenges

- Different data structure between ST.36 and ST.66/ST.86 (Harmonization)
- Diverse business rules according to national regulations (Interoperability)
- Conversion of huge amount of legacy data
- Investment for implementation of new Standard, i.e., XML4IP

Benefits of XML4IP

- Lower operation expenses with integrated system
- Efficient data processing by increasing harmonization
- Effective data exchange by enhancing interoperability
- Reduce cost for implementation and data handling by increasing reusability of core schema components

Activities by the IB

- Leading the XML4IP Task Force
- Setup the Wiki Confluence to facilitate the eForum discussion
- Established the WIPO Internal XML Task Force:
 - to participate in the preparation of proposals on XML4IP
 - to coordinate positions and decisions among different WIPO internal units regarding XML technology
 - to study the impact and resources required for the implementation of the new standard

Tentative Schedule for XML4IP

- October 2009 (SDWG/11):
 - the XML4IP TF to review the scope and structure of XML4IP
 - the XML4IP TF to review a draft XML4IP Design Rules and Conventions
- In 2010, at the 1st session of the Committee on WIPO Standards (CWS):
 - the XML4IP TF to present a whole set of draft proposal of XML4IP for comments from the CWS
- In 2011, at the 2nd session of CWS:
 - the XML4IP TF to propose a final draft of XML4IP for consideration by the CWS

Thanks for your attention

Q & A

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