

IEC Projects on Digital Transformation

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Contents

- Collaborative Online authoring
- XML (extensible markup language)

Collaborative Online Authoring



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Benefits

1. Collaborative authoring, with different authors working on different parts of the document
2. Enable in-context commenting (inside WG & at voting stages)
3. All contributors work in the same environment
4. All contributors work on the latest document version
5. Facilitate authors' work through standards-specific add-ons, in-context help & linking to databases
6. Integration with other IEC systems (project management, experts management etc.)

Project Status

- **Joint IEC and ISO project**
- **IEC members involved through IEC Collaborative Online Authoring Reference Group**
- **2018:**
 - **Vendor selection**
 - **Proof of concept with vendor FontoXML**
- **2019:**
 - **Discussions with FontoXML (contract, technical issues)**
- **2020:**
 - **Pilot to test the tool in real-work situations**
 - **Regular feedback and validation steps to be integrated**

XML

(extensible markup language)



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Benefits

Basis for:

- Flexible creation of **new products & services**
- **Adding more value** to content
- **Single-source publishing**
(publish to various formats from one source, without loss of information)
- An easily exploitable **network of all IEC standards, other standards & supplementary material**
- **Improved ways of working**
(e.g. online authoring component; in-context commenting; linking to databases; ...)

Project Status

- Over 6000 IEC publications converted to XML
- Publications are tagged according to a standardized format describing the markup of standards, *NISO STS*
- Delivery of XML to members: December 2019
- Member involvement through IEC XML Reference group (to resolve tagging issues and XML delivery questions)

Other XML efforts at the IEC:

- Joint user group meetings with ISO, to harmonize the tagging between our organizations
- Participation in the maintenance of NISO STS

Thank you for your attention!

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