

NISO KBART Validator App

Fast, clear, automated feedback on KBART Files for the community

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KBART Standing Committee

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KBART

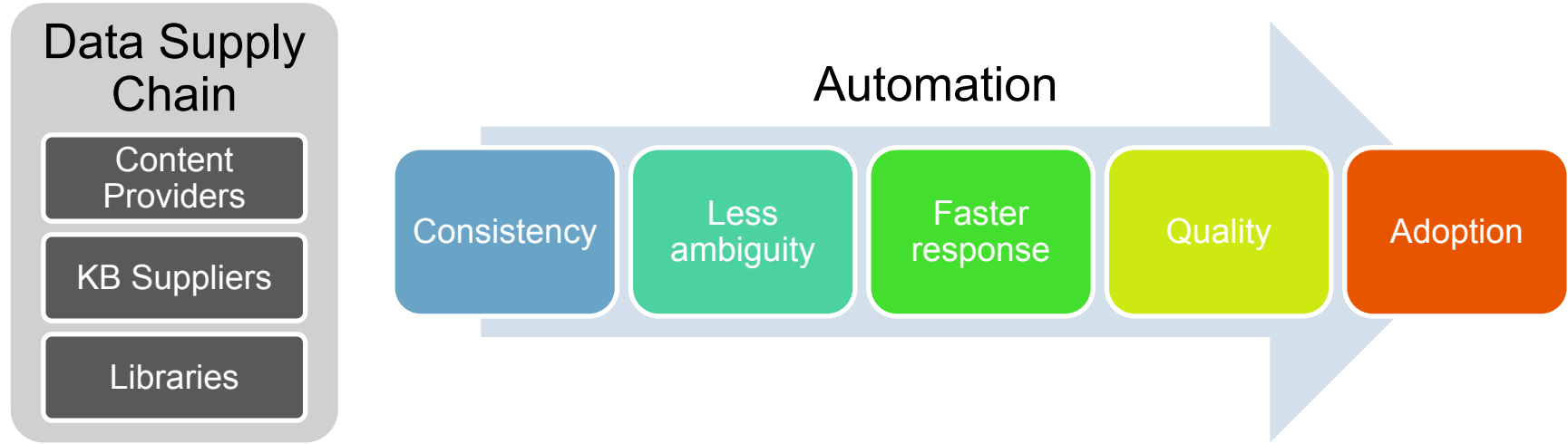


- NISO Recommended Practice on the transmission of electronic resource metadata between content providers, knowledgebase suppliers, and libraries
- Ease of creation and consumption for all users and technical abilities
- KBART Endorsement process to vet the overall adherence to the Recommended Practice

Why develop a validator?

- KBART Standing Committee Endorsement
 - Manual review
 - Manual feedback
 - Involves multiple volunteers which creates delays
- Ease of implementation has a cost!

Trust in quality of KBART files



Validator usage

- KBART Standing Committee: Streamlining endorsement feedback
- Content Providers: Developing KBART files and metadata
- KB Suppliers: Feedback to content providers on KBART(ish) files
- Librarians: Transparency and oversight

KBART Validator

- First official NISO application
- Currently in early development
- Will be open-source

Demo: Validations

- Input: one file or multiple files (directory) to validate
- Output: validation reports
 - One **report** per file
 - **Validation** as the central concept
 - One line per validation: maximum granularity
 - No relations in the validations: only “pre-conditions”
- Usage:
 - Command line (for now)
 - Python library?
 - Webservice with API?

Demo: Documentation



- A single page for each **validation**

Demo: Examples



- All use cases for each **validation**
 - ERROR, WARNING, OK

Demo: Tests



- A test-driven development approach based on **examples** in the documentation
- One test per **validation**, testing all examples

Roadmap

- 2021-02 to 2021-09
 - Development
 - Alpha tests: NISO internal tests
 - Release code base and its documentation
- 2021-09?
 - Beta tests: community tests
- 2022-03?
 - Official version 1.0 release
- Future
 - Webservice? Integration to other data sources (e.g. ISSN...)?
 - KBART Automation?
 - KBART Phase III?

Contributing Areas

- Testing the tool on your KBART files
- Proof read the documentation
- Provide examples
- Ask for new validations
- Code

NISO KBART Validator Tool



To learn more about the tool and how you may be able to be involved in development or testing in the future, join the KBART Interest Group list at: http://groups.niso.org/lists/kbart_interest/

<https://www.niso.org/standards-committees/kbart>