Enhanced SDMX API

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Xavier Sosnovsky
Principal Solution Architect / BIS
A bit of context

- API maintained by SDMX-TWG TF4
- 8 releases since 2011
- The 9th release (with SDMX 3.0) breaks backward compatibility!
Improved data queries

- Extend the context of data retrieval
  - dataflow, data structure, provision agreements
  - Search across structures (e.g. all data about a country)
- Component-based filters
- Support for operators
- Support for multiple keys
  - /data/dataflow/ESTAT/ICP/1.0.0/M...A.ANR,M...A.INX,M...B.CTG
**Improved metadata queries**

- Get metadata reports by ID
  - /metadata/metadataset/ESTAT/QUALITY_REPORT/1.0.0
- Get metadata reports for a certain flow / (optional) provider
  - /metadata/metadataflow/ECB/METHODOLOGY/*/FR2
- Get metadata reports about a structure
  - /metadata/structure/datastructure/BIS/BIS_CBS/1.0
Resource management

- From metadata retrieval to metadata maintenance
- From data retrieval to data submissions and retrieval
- Uses additional HTTP verbs (POST, PUT, DELETE)
The best of the rest

- Streamline definition of structure queries
  - /structure/artefactType/agencyID/resourceID/version
- Improve clarity and documentation of the API
- Deprecate SOAP API
What’s next?

- See it in action
- Report issues on GitHub
Thank you!
Questions?