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XSD to Avro Transformer

Benefits of Transformer

- Fast, efficient Transformation
- Bulk operations
- Guaranteed precision
- Standardized file formatting
- Legacy app support

Use Cases

Data Integration: Simplify integration tasks by transforming XSD schemas to Avro for use in Kafka and big data platforms.

Data Migration: Facilitate smooth data migration tasks between systems with different data serialization formats.

Real-time Processing: Enhance real-time data processing capabilities by leveraging efficient serialization from XML to Avro.

Key Features

Seamlessly Transform: XSD files to Avro schemas with just a few clicks.

High Performance: Optimized for fast and efficient transformation of large XSD files to Avro schema.

Ease of Use: Simple and intuitive interface that requires zero setup or configuration.

Compatibility: Supports wide range of XSD constructs and ensures compatibility with Avro schema specifications.

Automate: Transformation process with command-line support and integration with CI/CD pipelines.

Extensibility: Easily extendable to support custom data types and complex schema transformations.

Design-time support: Streamlining the implementation process for cross-platform transformation.

Run-time support: Message-format transformation to support legacy app

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Benefits of Avro

Improved Data Interoperability: Avro's compact and efficient binary format enhances data interchange across different systems including Kafka.

Reduced Storage Costs: Avro schemas are significantly smaller than XML schemas, leading to lower storage requirements.

Enhanced Performance: Avro's efficient serialization and deserialization processes improve data processing speeds.

Improved Data Governance: Manage, control, and evolve schema effectively to standardize data exchange and provide schema documentation, lineage, and traceability.

Technical Specifications

Input Format: XML Schema Definition (XSD), XML Payloads

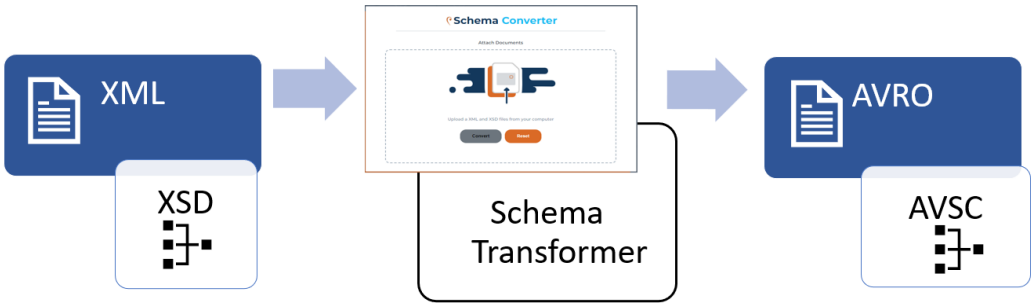
Output Format: Avro Schema (AVSC), Avro Payloads

Supported Platforms: Windows, macOS, Linux

Programming Languages: Java, Python, C#

System Requirements:

- Operating System: Windows 10 or later, macOS 10.13 or later, Linux (any modern distribution)
- Memory: Minimum 4 GB RAM
- Storage: Minimum 100 MB free disk space



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