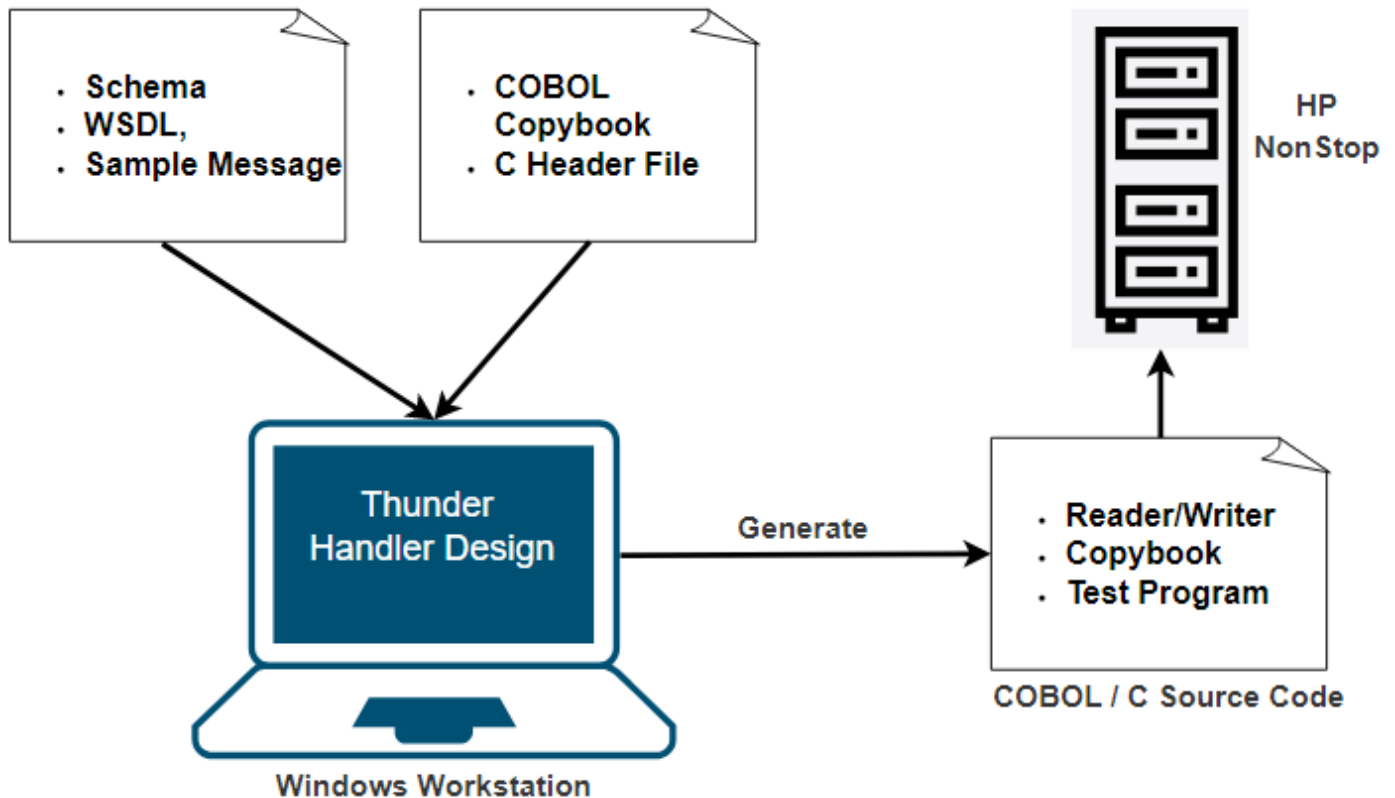


XML Thunder Product Overview

Using the Thunder Toolset

Developer Workflow



XML Thunder enables COBOL, C and TAL programs to read and write XML documents so they can exchange data in XML format with other applications and companies.

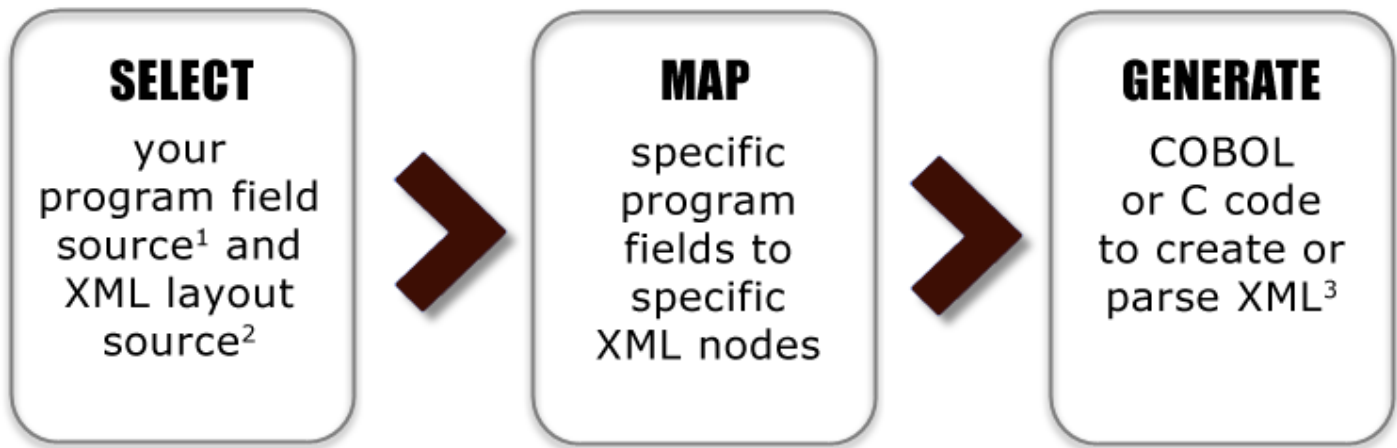
Read and Write XML Documents in COBOL, C and TAL

XML Thunder generates all of the COBOL or C source code needed to:

- Read XML documents into COBOL, C and TAL structures.
- Create XML documents from COBOL, C and TAL structures.
- Validate XML documents to ensure only well-formed and valid documents are processed.

The code is generated as a program that can be called from existing COBOL, C and TAL programs. A sample COBOL or C calling program is provided to assist with developing new programs.

How it Works



¹Program field source can be COBOL copybook, C header file or derived from the XML layout.

²XML source can be XSD, WSDL, sample XML message or derived from program data fields.

³The final output is a customized, callable program that can be used in existing applications. If you don't have an existing application, Thunder also provides a sample main (or calling) program that can serve as the starting point to developing it.

Model-Driven Development

XML Thunder uses a model-driven development approach enabling a faster time to market and the ability to respond to changes quickly. The Thunder toolset provides:

- A Visual Designer showing the program field layout, the XML message layout, and the mapping between the two.
- A full life cycle solution that is used in both development and maintenance.
- Automated source code generation.

Features

- High performance (not a generic parser!).
- Addresses the complexities of XML (e.g., choice, sequence, abstract types, etc.).
- Model-driven approach reducing development time and enabling developers to respond to changes quickly.
- Create Handler Designs from XML schemas, WSDLs, sample XML messages and COBOL/C data structures.
- Architecture and platform independent solution.
- Process messages of any size.
- Easy integration with existing programs

About TIC Software



TIC Software is a leading technology product development and consulting services company. TIC draws from a rich NonStop heritage, while focusing simultaneously on future proofing solutions for our customers.

Committed to always putting the customer first, TIC acts as a trusted advisor in providing best of class products - secured through privileged partnerships and/or developed in house - as well as curated support, training, and strategic planning.

TIC continues to believe that community and education are the building blocks of the NonStop community and distinguishes itself by incorporating these tenets into each and every business approach.