

IODEF JSON-XML Converter, Continued

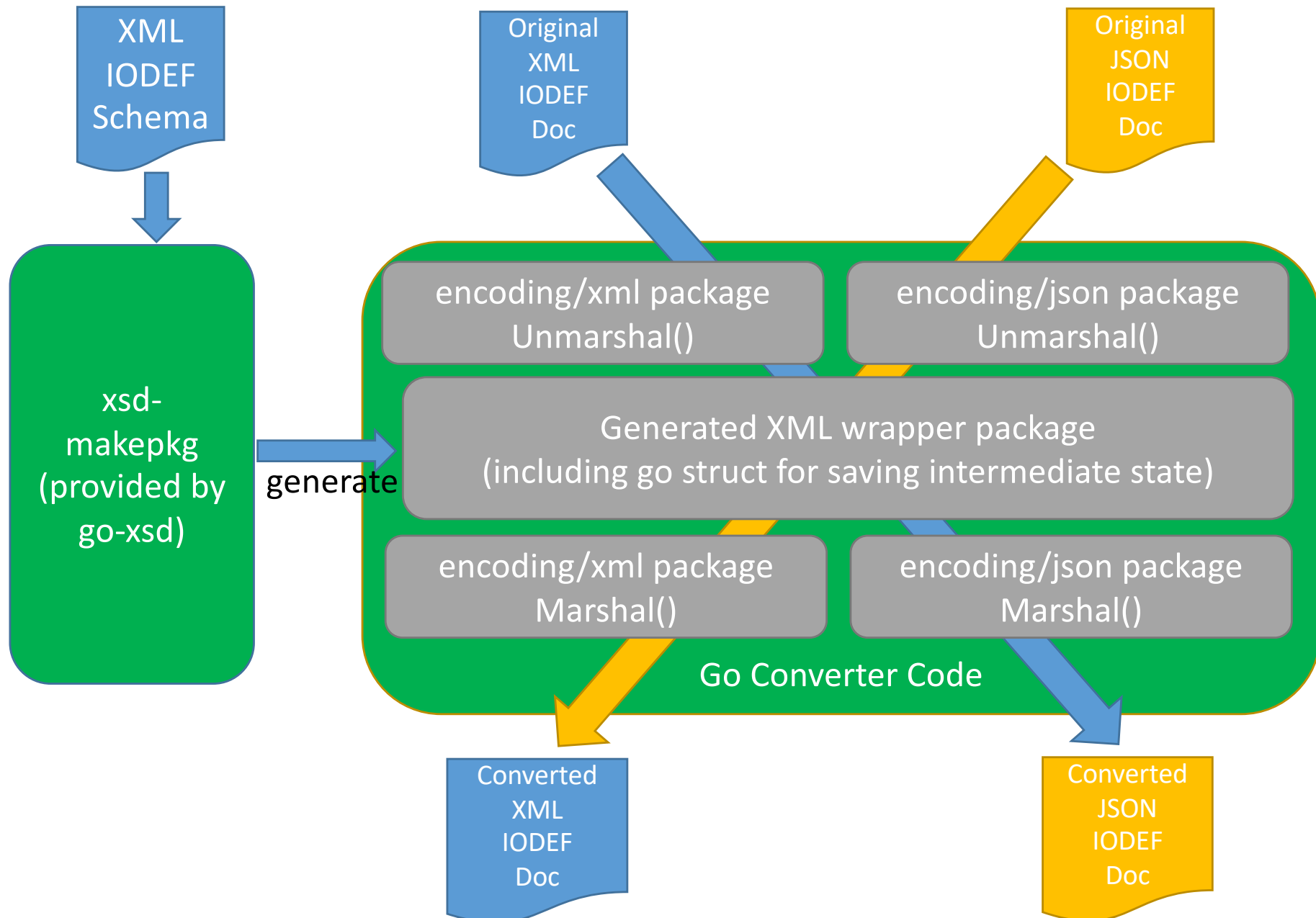
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Converter Overview

- Aiming to convert from JSON IODEF document to XML IODEF document, and vice versa
- Running code for latest JSON IODEF draft (draft-ietf-mile-jsoniodef-05)
- Currently implementing new converter including IETF Hackathon days in Bangkok
 - We cannot solve errors on previously implemented converter based on python-jsonschema-objects
 - We have almost implemented new converter using go-xsd makepkg tool

New Converter Design



Demo

- Convert XML examples to JSON ones

Current Status and Future Plan

- Successfully converted all examples in draft-ietf-mile-jsoniodef-05 bi-directionally
 - 4.1 Minimal Example, 4.2 Indicators from a Campaign
- Also converted all examples in RFC 8274 (IODEF Guidance)
 - B.1 Malware Delivery URL, B.2 DDoS, B.3 Spear Phishing
 - B.4 Malware, B.5 IoT Malware
- Will be published in GitHub public repository near future
- Planning to implement conversion to CBOR