

ASN.1 Compiler



Reference Implementation Based on near-RT RIC

This section documents the details of the O-RAN App SDK which is primarily covering the implementation for near-RT RIC xApps. information about how the O-RAN App SDK will evolve to cover other O-RAN apps can be found [here](#).

Description

ASN.1 to C compiler takes the ASN.1 module files (example) and generates the C++ compatible C source code. That code can be used to serialize the native C structures into compact and unambiguous BER/OER/PER/XER-based data files, and deserialize the files back.

Bronze Release Version

Bronze Release development (master branch) version 0.9.29 (09 Aug 2019)

Gerrit Repo

<https://gerrit.o-ran-sc.org/r/admin/repos/com/asn1c>

Project README.md

<https://gerrit.o-ran-sc.org/r/gitweb?p=com/asn1c.git;a=blob;f=README.md;h=7940edac10763c292885cfbb7f913953b185b35a;hb=refs/heads/master>

User Guide

https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt/asn1-documents.git;a=blob_plain;f=e2ap/RIC-E2AP-v100.pdf;hb=refs/heads/master