

CONVERT ANY ASN.1 CDR FILE INTO XML OR CSV FORMAT



Comprehensive ASN.1 CDR data

THE MARBEN CDR CONVERTER EASILY CONVERTS ANY ASN.1 BER ENCODED FILE TO A TEXT FORMAT.

REDUCE TIME TO MARKET – QUICKLY CONVERT YOUR CDR FILES

XML OR CSV TEXT FORMAT

- Work with comprehensive data in XML or CSV to significantly speed up the integration and usage of CDR data for your existing billing and mediation solutions.

COST EFFECTIVE

- Reduce development and integration time by avoiding code development for CDR conversion.
- No ASN.1 knowledge required - No training needed.

EASY TO USE – USER FRIENDLY INTERFACE AND CUSTOMISATION

SIMPLE

- Easy and user friendly command line interface.
- Automatic error detection and recovery.

FLEXIBLE

- Extract only required data and tune the output files to satisfy your requirements.
- Supports CDR descriptions from Ericsson, Siemens, Huawei, ZTE and organizations like 3GPP or the GSM-Association (TAP3).

EFFICIENT AND ADAPTIVE – BENEFIT FROM OUR LONG ASN.1 EXPERIENCE

FAST PROCESSING

- Benefit from our efficient memory and time optimized Java BER decoding runtime.
- Specific optimizations for CDR Conversion.

FUTURE PROOF

- ASN.1 compiler included for processing any CDR ASN.1 descriptions.
- Benefit from more than 25 years of experience in ASN.1 technology serving Telecom industry.

TARGET APPLICATIONS

Billing and Mediation platform,
CDR parsing and processing,
Fraud management,
Performance management,
Statistics...

About Marben

A leading provider of key software solutions for next generation service-driven networks.

More than 25 years of experience

Delivers interoperable, robust and efficient signaling, routing and AAA solutions to accelerate the delivery of network services.

Marben Customers

Alcatel-Lucent, Amdocs, Ciena, Cisco, Ericsson, Fujitsu, HP, Nortel, NEC, Nokia Siemens Networks, Oracle, Tellabs, Verizon, Tata, Swisscom...

TECHNICAL OVERVIEW

MARBEN CDR Converter is designed to speed up your developments by simplifying the processing of your CDR files.

It is a generic command line solution that converts any ASN.1 CDR file into a suitable text file (XML or CSV) without requiring any deep knowledge about CDR and ASN.1. Developed in Java, it runs on any system with a Java Runtime Environment installed. The tool is flexible and easy to use thanks to a simple command line interface. It encompasses a Converter and the MARBEN ASN.1 Compiler to support newer or changed CDR descriptions. All CDR files encoded using ASN.1 BER encoding rules are supported in accordance to the latest ASN.1 BER standards.

CDR Converter is based on MARBEN ASNSDK TCE-Java decoding engine which is memory and time optimized to provide the best efficiency.

Two output text file formats are supported:

- XML (eXtended Markup Language).
- CSV (Comma Separated Values), records are on lines and fields are separated with commas. If the field is delimited with double-quotes, comma is preserved.

The CDR Converter generates the XML and CSV files based on mapping rules defined in a configuration file. Default mapping rules are automatically generated the first time and can be easily tuned to generate various XML or CSV output files. For instance, you can generate an output file containing only some specific fields of the call data records.

MARBEN CDR Converter provides many features to speed up its usage and integration, like the ability to convert multiple files in one command or by providing a powerful automatic error detection and recovery that generates error reports.

The CDR Converter is the easiest way to convert ASN.1 data from network switches or any other BER encoded file to XML or CSV.



CONTACTS

Marben Products
22 quai Gallieni
92150 Suresnes, FRANCE
Phone : +33 1 7962 1018

NE Technologies Inc.
520 Guthridge Ct, Ste 200
Norcross, GA 30092, USA
Phone : +1 770 709 7230

Sales information:
sales@marben-products.com
www.marben-products.com

CONFORMANCE

ITU-T X.680 (2008) | ISO/IEC 8824-1: 2008,
ITU-T X.681 (2008) | ISO/IEC 8824-2: 2008,
ITU-T X.682 (2008) | ISO/IEC 8824-3: 2008,
ITU-T X.683 (2008) | ISO/IEC 8824-4: 2008,
ITU-T X.690 (2008) | ISO/IEC 8825-1: 2008.

RELATED OFFERS

ASN.1 Value Editor is the most powerful and user friendly graphical tool that allows you rapidly decoding, creating, editing, modifying and encoding of any ASN.1 values without code development.

Our ASN.1 experts deliver you the best of Consulting, Training and Custom Services.

SYSTEM REQUIREMENTS

PC Windows
PC Linux
Sun Solaris
HP HP-UX
Oracle Java Runtime Environment