

ASN.1 Tool

Full fill ASN.1 protocol implementation to the embedded system! By using the tool, it will improve quality & production tremendously.

In recent years, ASN.1 (Abstract Syntax Notation One) has been adopted in many communication protocols such as, the third generation of mobile communication systems, IMT-2000 and highway traffic system ITS, internet audio transmission technique VoIP and etc.



ASN.1 Tool Ver.2.0 Specialties

Three kinds of Encode/Decode Types can be chosen.

- BER (Basic Encoding Rules)
- PER Aligned (Packed Encoding Rules)
- PER Unaligned (Packed Encoding Rules)

A license is free with the generated C source code.

The source code that it is formed automatically doesn't depend on treatment. It can be applied in the target of little endian / big endian which as well.

(1)Text editing function

The editor were indicated ASN.1 Keyword and comment by the designated color, so you must be could edit a text document efficiency.

(2) ASN.1 syntax checking function

ASN.1 Tool checking a possibility for analysis.
If it had an error, jumped to the occurrence place.

(3) Tree view function

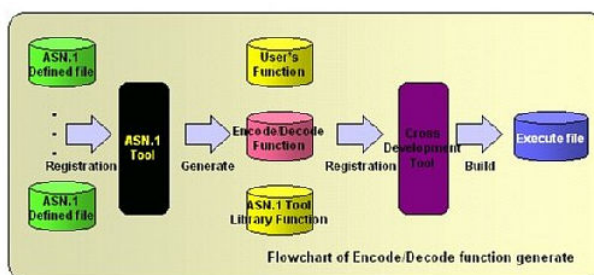
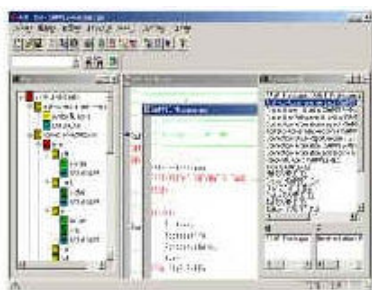
ASN.1 TOOL Ver.2.0 can be indicate an ASN.1 document in tree style. It will jump from the each member name to correspond ASN.1 document quickly. You never need a nuisance search engine of text editor.

(4) Production list indication function

ASN.1 TOOL Ver.2.0 can indicate the inside production of ASN.1 document. Also, it can indicate a parent-child relationship of selected production from the list. For example, you can get an information about where is a designated production is used quickly.

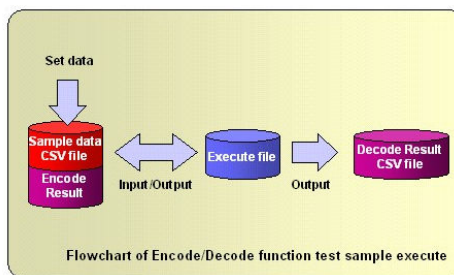
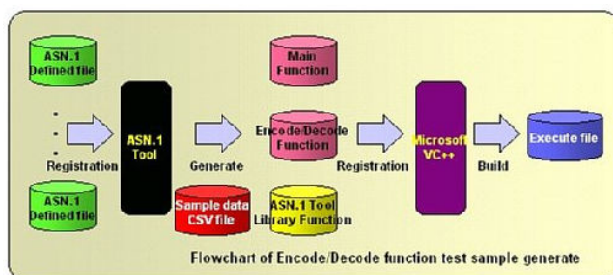
(5) HTML generate function

It is changed into the HTML form from ASN.1 document.



(6) Encode/Decode function generate

It can generate Encode/Decode function into ANSI C. The generated function called from user made part and it constructed with basic functions library (source offer).



(7) Encode/Decode function test sample generate

It generate a main function that calls Encode/Decode function. Also, it generate various; data set up CSV form file for transfer to the Encode function. An executive environment is made by Microsoft Visual C++, and it can get an encoding result by Encode and decoding result by Decode easily on PC.

Operating environment: Windows 2000(Japanese edition) after SP4,Windows XP (Japanese edition) after SP1

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ASN20100119

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