

**NAME**

asn1\_array2tree - API function

**SYNOPSIS**

```
#include <libtasn1.h>
```

```
int asn1_array2tree(const asn1_static_node * array, asn1_node * definitions, char * errorDescription);
```

**ARGUMENTS**

const asn1\_static\_node \* array

specify the array that contains ASN.1 declarations

asn1\_node \* definitions

return the pointer to the structure created by \*ARRAY ASN.1 declarations

char \* errorDescription

return the error description.

**DESCRIPTION**

Creates the structures needed to manage the ASN.1 definitions.

*array* is a vector created by **asn1\_parser2array()**.

**RETURNS**

**ASN1\_SUCCESS** if structure was created correctly, **ASN1\_ELEMENT\_NOT\_EMPTY** if \**definitions* not NULL, **ASN1\_IDENTIFIER\_NOT\_FOUND** if in the file there is an identifier that is not defined (see *errorDescription* for more information), **ASN1\_ARRAY\_ERROR** if the array pointed by *array* is wrong.

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**SEE ALSO**

The full documentation for **libtasn1** is maintained as a Texinfo manual. If the **info** and **libtasn1** programs are properly installed at your site, the command

```
info libtasn1
```

should give you access to the complete manual. As an alternative you may obtain the manual from:

**<https://www.gnu.org/software/libtasn1/manual/>**