

NAME

`mplist_deserialize` – Generate a property list by deserializing an M-text.

SYNOPSIS

MPlist * **mplist_deserialize** (**MText** * *mt*)

DESCRIPTION

Generate a property list by deserializing an M-text. The **mplist_deserialize()** function parses M-text **mt** and returns a property list.

The syntax of **mt** is as follows.

MT ::= '(' ELEMENT * ')'

ELEMENT ::= SYMBOL | INTEGER | M-TEXT | PLIST

SYMBOL ::= ascii-character-sequence

INTEGER ::= '-' ? ['0' | .. | '9']+ | '0x' ['0' | .. | '9' | 'A' | .. | 'F' | 'a' | .. | 'f']+

M-TEXT ::= ''' character-sequence '''

Each alternatives of **ELEMENT** is assigned one of these keys: **Msymbol**, **Minteger**, **Mtext**, **Mplist**

In an ascii-character-sequence, a backslash (\) is used as the escape character, which means that, for instance, `abc\ def` produces a symbol whose name is of length seven with the fourth character being a space.

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