bytes API Documentation

Max Rottenkolber

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Table of Contents

1 bytes

Macros around READ-WRITE, WRITE-BYTE and LDB to ease reading and writing multibyte binary strings.

1.1 read-bytes (Macro)

Syntax:

— Macro: **read-bytes** *stream length*

$\rightarrow$ *value*

Arguments and Values:

stream—a *binary input stream.*

length—an (`integer 0 *`) denoting the number of octets to be read.

value—an (`unsigned-byte` *n*) where *n* is (`* 8` *length*).

Description:

   `read-bytes` reads *length* octets from *stream* and returns their little-endian unsigned *value. Length* is evaluated during macro-expansion.

1.2   write-bytes (Macro)

Syntax:

— Macro: **write-bytes** *integer length stream*

Arguments and Values:

integer—an (`unsigned-byte` *n*) where *n* is (`* 8` *length*).

length—an (`integer 0 *`) denoting the number of octets to be written.

stream—a *binary output stream*.

Description:

`write-bytes` writes *integer* to *stream*, represented as *length* octets in little-endian order. *Length* is evaluated during macro-expansion.