Syntax

\[ n * s \]
\[ s * n \]
\[ n :* s \]
\[ s :* n \]

where \( n \) is real and \( s \) is string.

Description

There is no \texttt{strdup()} function. Instead, the multiplication operator is used:

\[ 3"example" = "exampleexampleexample" \]
\[ 0"this" = "" \]

Conformability

\( n* s, s*n: \)

\begin{align*}
  n: & \quad 1 \times 1 \\
  s: & \quad r \times c \\
  \text{result:} & \quad r \times c 
\end{align*}

\( n:* s, s:* n: \)

\begin{align*}
  n: & \quad r_1 \times c_1 \\
  s: & \quad r_2 \times c_2, \quad n \text{ and } s \text{ c-conformable} \\
  \text{result:} & \quad \max(r_1,r_2) \times \max(c_1,c_2) 
\end{align*}

Diagnostics

If \( n < 0 \), the result is as if \( n = 0: "" \) is returned.

If \( n \) is not an integer, the result is as if \texttt{trunc(n)} were specified.

Also see

\[ [M-4] \texttt{string} \quad \text{— \ String manipulation functions} \]