MYARC ADVANCED BASIC

Vartypes: DEFINT, DEFREAL

DEFINT   - define as integers
DEFREAL   - define as double-precision RADIX 99 floating point (64 bit)

Format: DEFINT I,J,COUNT,LOOPNUM,DIM A(100)
                 DEFREAL SQRROOT,VALUE,N,DIM D(40)
                 DEFSTR NAM,FILENAME,N,F,DIM E(75)

NOTE: DEFREAL ALL is the default mode in MYARC Advanced BASIC.

Cross Reference
DIM, OPTION BASE, SUB

Description
The DEFvartype instruction enables you to declare the data-type of specified variables.

Usually the name given to a variable will identify the type of variable. Example: If a variable name ends in a dollar sign (i.e. A$) then the variable is a string variable. Numeric variables can be identified in MYARC Advanced BASIC in terms of precision by the use of the following symbol as terminator attached to the end of the variable name. %,   is termed type declaration tag.

SYMBOL	TYPE OF VARIABLE
$	STRING VARIABLE
%	INTEGER CONSTANT

Variables can also be declared by use of the DEFvartype statement. The declaration must be present and executable at a lower line number than that of any use of the variable-names that it represents.

A DEFvartype statement must appear at the beginning of a line. Also, any variable defined by that statement must appear later in the program.