**var**

*Declaration of new variables.*

**Syntax:**

**var** <name of variable 1>{:<type of variable 1>}{=<triggering expression 1>}{**,**<name of variable 2>{:<type of variable 2>}{=<triggering expression 2>}}**;**

**Description:**

Declaration of new variables. Comma is used as divider between declarations. Type of variables is by default an integer. Initial value of variable is 0 by default. If **init** (or **dynamic**) word is specified before the variable name, then such variable will be considered dynamic one (see the description of **init** key word). The following construction can be used for declaration of real arrays and matrixes:

X[n] – array with dimension n.

M[n,m] – matrix with dimension n by m.

**Example:**

|  |  |
| --- | --- |
|  | **var** d:**double**=0.5,  i:**integer**,  M[2,3],  k=[1,5],  **init** x=10; |
|  |  |

In this example **double** key word can be omitted since either number or any array is assigned with real type by default.