Workbook configuration

ArchView - Workbook configuration

The configuration includes a definition of **archive blocks** and **views**.

Archive block represents a group of consecutive archive values of an archive object in a time. It is define by:

- Name of archive block
- Name of archive object
- Begin time and end time
- Time steps

Name of archive block is required logical name. It consists of prefix **"ArchB"** and a number from 1…. A usage of block name is mentioned in the chapter User functions.

Name of archive object is required and the same as name of D2000 object.

Begin time and end time defines a time interval for reading the archive values. In table for definition of archive blocks, *Begin time* is in column **"C".** It is a sum of time in „**BT**" cell (usually **B3** cell) and a relative time shift in days *BT_OFF* (**H** column) and in hours *BT_OFF_TIME* (**I** column).

End time is in **E** column. Its value is:

- the value in **ET** cell (**B4** cell) (if value "**YES**" is in the column **D** (*After ET*),
- sum of begin time of archive block (column **C**), relative shift in days *ET_OFF* (column **J**) and relative shift in hours *ET_OFF_TIME* (column **K**) (if "**NO**" is in the column **D** (*After ET*)).

Time step is used when reading the values from archive. If it is 0, all values from the defined time interval will be read in archive block. If it is different from 0 (is defined), data will be read with a time step - resampling.

After entering the definition of archive block and clicking on button ![Aktualizuj konfiguračnú tabuľku], the reading and checking of declaration sheet will be executed. A result (success) of reading the archive block is in the column **Status of block** (column **G**) and column **L**. If everything is OK, the column **Status of block** contains a text **Included.** Column **L** contains the begin time of archive block.

View defines the way and position to display data included in the archive block. Its definition follows the definition of archive block. The column **Vies** (**A**) contains the required word **View**. In the column **Type of information** (**B**), you can choose one of the following item:

- **VALUE** -value
- **TIME** - archiving time
- **LIMITS** -limits for value
- **FLAGS** -user flags
- **ARCST** -archive flags

They define the type of information that will be displayed in the cell.

Display area defines an area in which the values will be displayed (e.g.: **=View!A6:A16**).

User function contains the name of user function and the parameters separated by semicolon (see the chapter *User functions*).

The table is intended for formatting the displayed values:

Zobrazovanie príznakov :	
Nie je hodnota :	<- - ->
Hodnota je neplatná:	<???>
Modifikovaná hodnota:	{#####}
Weak hodnota	{####}

After filling the table and clicking on button ![Aktualizuj konfiguračnú tabuľku], the is the column **Status of block** shows the information about the success (or failure) of reading the configuration table. If successful, the values will be displayed on the proper position.

You can define several *views* for one **archive block** (listed consecutively).

ⓘ **Related pages:**

ArchView - new workbook