

Report Embedding in HI

Report embedding in the HI process

Using an object of *Report* type allows to embed any .xls file in process [D2000 HI](#). To embed a report, that use functions of the interface [D2000 WorkBook](#), it should be created from the template *D2000_WorkBook.xls*.

Report created from the template supports:

1. **Automatic report logon to the D2000 process without user's interaction**

For logging on, there will be used the same parameters as the parameters for the process [D2000 HI](#) (logged on user, password, server name). The feature will be enabled, if the workbook contains a cell named **LOG_ON_FROM_HI** and its value is TRUE. The cell exists in the template *D2000_WorkBook.xls* and , by default, its value is FALSE. It is necessary to enable it (set the value TRUE). According to the process ([D2000 HI](#), MS Excel), where the report has been opened, its incorrect setting causes:

- in the process [D2000 HI](#), **LOG_ON_FROM_HI** = False (or doesn't exist)
The logon dialog is displayed (the report is functional after user's logon).
- in the MS Excel process, **LOG_ON_FROM_HI** = True

The functions **D2_GetValue**, **D2_ArchValue** get the value *waiting for logon from HI*.

2. **Report parameters passing**

Report parameters are being defined in the following dialog box in the process [D2000 HI](#):

After defining the parameters and clicking the button **OK** defined values are to be transmitted to corresponding cells of the report.

Parameter in the dialog box	Cell name
Time interval – begin time	D2000_BT
Time interval – end time	D2000_ET
First numeric parameter	D2000_NUM1
First numeric parameter	D2000_NUM2
String	D2000_TEXT

Setting of the workbook parameters

Required setting of the sheet parameters for embedding in the process [D2000 HI](#):

	A	B	C	D	E
1	User name				
2	Password				
3	Name of D2000 Server computer				
4	Description for log database				
5	Report for HI process	TRUE			
6	D2000_BT	23/4/2004 14:06:15.000			
7	D2000_ET	23/4/2004 14:06:15.000			
8	D2000_TEXT				
9	D2000_NUM1				
10	D2000_NUM2				
11	Filename for export	C:\Reports\D2000_WorkBook1_2004_4_23_14_6_15.xls			
12					
13	Missing value when reading from archive				

The value of the cell B5 (**LOG_ON_FROM_HI**) must be TRUE - important !!! The other parameters (name, password,...) are automatically adjusted according to the parameters defined in the process [D2000 HI](#).

Note:

In the MS Excel running in the computer, where such a report will be displayed, there must be activated the extension **D2000_WorkBook.xll**.