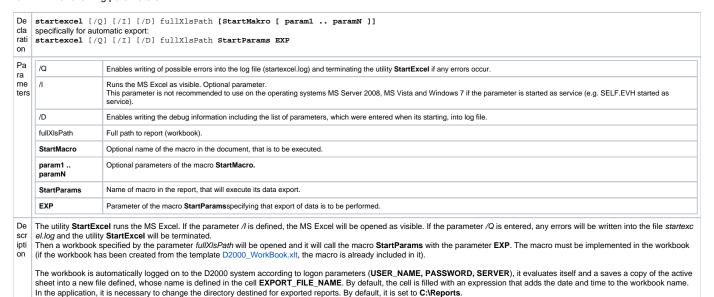
StartExcel

StartExcel utility - Automatic (periodical) report export

Automatic export allows to periodically (or when an event occurs) activate a workbook (report) saved on hard disk as an .xls file, to evaluate it and then to save active sheet as a new .xls file in defined directory.

The automatic export can be executed by means of the utility **StartExcel** (the file *startexcel.exe* placed in the subdirectory **Bin** of the installation directory) run with the following parameters:



Note

Periodic (or using any start trigger) export can be performed using ESL script as follows:

Report evaluation is executed by setting the times of the cells D2000_BT a D2000_ET to the current time.

- · create an object of Event type, that is to be started when there is needed to create an export (e.g. periodically)
- source code of the event:

```
INT _ret
TEXT _txtMsg
TEXT _report = "c:\Reports\test1.xls"
; report export with 50 seconds timeout
 ret := RUN "startexcel.exe" SYNC " " + report + " StartParams EXP" TIMEOUT 50
IF _ret\VLD THEN
  _ret = _ERR_TIME_OUT THEN
  _txtMsg := "TIMEOUT for report export"
ELSE
 _txtMsg := "Export ExitCode = " + %IToStr(_ret)
IF _ret = 0 THEN
  _txtMsg := _txtMsg + " OK"
ELSE
IF _ret = 1 THEN
  _txtMsg := _txtMsg + " Init Ole Error"
ELSE
IF _ret = 2 THEN
 _txtMsg := _txtMsg + " Start Excel Error"
ELSE
IF _ret = 3 THEN
 _txtMsg := _txtMsg + " Open Report Error"
ELSE
IF _ret = 4 THEN
  _txtMsg := _txtMsg + " Run Macro Error"
 _txtMsg := _txtMsg + " Unknown Error"
FNDIF
ENDIF
ENDIF
FNDIF
ENDIF
ENDIF
ELSE
```

_txtMsg := "Attempt to run startexcel.exe has failed" ENDIF

 $\begin{array}{c} \mathsf{LOG}\ _\mathsf{txtMsg},\ \mathsf{SysTime}\\ \mathsf{END} \end{array}$

When attempting to export any data, the return value of the action RUN is handled, along with writing the export status to the log database.

Automatic export run can be set by using the system service **Scheduled Tasks** (Windows NT or 2000). The service allows to perform (run) periodically given program.

Required setting of the parameters for automatic export:

	A	В	С	D	Е	
1	User name	name				
2	Password	password		Calculate		
3	Name of D2000 Server computer	srvName				
4	Description for log database	any description				
5	Report for HI process	FALSE				
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_WorkBook	1_2004_4	23_14_6_1	5.xls	
12	-					
13	Missing value when reading from archive					
1/						

Important cells are the cells B1, B2 and B3. The value of the cell B5 must be FALSE, the cell B11 represents a filename, which the export will be saved into. If the files already exists, they will be overwritten.