Cooperation with HI Process (Examples)

ArchView - Cooperation with HI Process

Within a workbook created by using the template *ArchView.xlt*, there is implemented the **HIP_Interface** module containing the procedures called from D2000 HI, if the workbook is opened as a report in it.

Procedures called from D2000 HI:
The procedures are listed along with their implementation.

```
'Parameters for HI process logon to D2000 Server process
```

```
Sub LogonFromHI(Name As String, Password As String, Server As String, User As String)
```

```
' for VBAPI logon to D2000 system.
```

```
'Name - user name
```

```
'Password - user password
```

```
'Server - parameter /S
```

```
'User - parameter /W
```

```

```

```
' in this case, the automatic call Auto_Open will not be executed
```

```
' manual initialization
```

```
    Common.DefaultD2Server = Server
```

```
    Common.DefaultLogonName = Name
```

```
    Common.DefaultLogonPassword = Password
```

```
    Common.GlobalInit
```

```
End Sub
```

Description:
The procedure above is called after opening a workbook in the process D2000 HI for initialization of own workbook. The parameters describe the way of user logon. They are useful for initialization of D2000 VBApi interface.

```
Sub SetStringFromHI(sPar As String) ' change of parameters
```

```
'sPar - user parameter adjustable from D2000 HI
```

```
End Sub
```



```
Sub SetNumsFromHI(I1 As Double, I2 As Double) ' change of parameters
```

```
'I1 - user parameter adjustable from D2000 HI
```

```
'I2 - user parameter adjustable from D2000 HI
```

```
End Sub
```



```
Sub SetTimesFromHI(sTime As Date, eTime As Date) ' change of parameters
```

```
'sTime - user parameter adjustable from D2000 HI
```
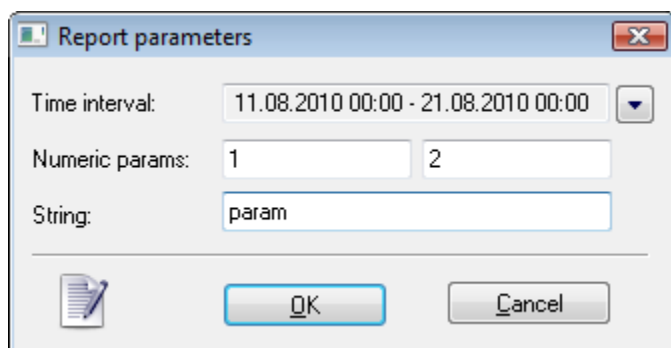
```
'eTime - user parameter adjustable from D2000 HI
```

```
    ThisWorkbook.Worksheets(DefaultDataSheetId()).Range(D2BeginArchTimeLabel).value = sTime
```

```
End Sub
```

Description:
The procedures are called from process D2000 HI after entering the parameters for report.

For *Time interval*, there is called the procedure **SetTimesFromHI**. In template It changes the begin time for report (cell **FromTime**) in template.
For *Numeric params*, there is called the procedure **SetNumsFromHI**.
For *String* there is called the procedure **SetStringFromHI**.

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Related pages:

[ArchView](#)
[Passing the report parameters into a report of MS Excel type](#)