

# ESL Extended Functions

## ESL extended functions

The standard [set of functions](#), used for the mathematical expressions, is enhanced with the following functions in ESL:

- %AuthUser
- %CloseRefToObject
- %ESLProfileStart
- %GetAccessLevel
- %GetApplDir
- %GetCallChain
- %GetCSVDelimiter
- %GetEventInstancelId
- %GetItemStTextRef
- %GetItemTransPalMask
- %GetItemType
- %GetLastExtErrorCode
- %GetLastExtErrorMsg
- %GetLocalItemValue
- %GetObjDescript
- %GetParentProcessHBJ
- %GetPictureConfigHeight
- %GetPictureConfigWidth
- %GetPrinterName
- %GetRecordStructHBJ
- %GetResourcePath
- %GetRPCCallerIsJava
- %GetRPCCallerObject
- %GetRPCCallerProcess
- %GetSelfHBJ
- %GetSelfInstanceID
- %GetStartParametersNum
- %GetStartParametersNr
- %GetStTextBase
- %GetStTextRange
- %GetStTextRGB
- %GetStTextStep
- %GetTriggerQueueLen
- %GetUserObjName
- %HBJToStr
- %HBJToUID
- %LNG\_Translate
- %LNG\_GetCurrLngIdx
- %MakeRGB
- %OpenRefToObject
- %SaveResourceAs
- %SetExtFuncDllName
- %SetItemValue
- %SetLocalItemValue
- %StartProcess
- %StrToHBJ
- %StructCalcOp
- %StructCmp
- %StructFill
- %StructReplace
- %From\_String
- %To\_String
- %UIDToHBJ

### File and directory manipulation functions

- %FIO\_Close
- %FIO\_Copy
- %FIO\_Create
- %FIO\_Delete
- %FIO\_Exist
- %FIO\_GetReadable
- %FIO\_GetWritable
- %FIO\_ChmodHpux
- %FIO\_Move
- %FIO\_NewLine
- %FIO\_OpenAppend
- %FIO\_OpenRead
- %FIO\_ReadLine
- %FIO\_ReadWholeFile
- %FIO\_ServerGetFile

- [%FIO\\_ServerSetFile](#)
- [%FIO\\_SetWritable](#)
- [%FIO\\_Write](#)
- [%FIO\\_WriteLine](#)
- [%FIO\\_WriteWholeFile](#)

#### Dictionary manipulation functions

- [%FIO\\_MkDir](#)
- [%FIO\\_Move](#) \*
- [%FIO\\_RemoveDir](#)

\* For use on Windows and Linux platforms only

#### [XML file manipulation functions](#)

**Note:** D2000 System allows to use JAVA language to write the applications. The equivalents of ESL functions are stated in the extra html files available in the D2000 System [installation directory](#) - subdirectory **Help**.