Processes

The process D2000 Server is the administrator of objects of *Process* type. The object contains information about client processes of D2000 system:

- status of processes - object value
- optional parameter for starting (restarting) processes

Name of an object of *Process* type consists of two parts:

<workstation>.<suffix>

- **workstation** - workstation name.
- **suffix** - three-character string determining the process type:

Process	Suffix
D2000 ALARM	ALA
D2000 Application Manager	SMC
D2000 ARCHIV	ARC
D2000 Browser	BRW
D2000 CALC	CLC
D2000 CNF	CNF
D2000 DBManager	DBM
D2000 DDE Server	XLW
D2000 Event Handler	EVH
D2000 Event Viewer	EVV
D2000 GateWay Client	GTW
D2000 GateWay Server	API
D2000 GrEditor	GRE
D2000 HI	HIP
D2000 KOM	KOM
D2000 ObjApi	API
D2000 ODBC Driver	ODB
D2000 OPC Server	OPC
Process interpreting the scripts of active picture	HIS
D2000 Ping	PNK
D2000 Replay	RPL
D2000 SAS	SAS
D2000 Script Execution Engine	SEE
D2000 Script Execution Server	SES
D2000 Server	KNL
D2000 Switch	SWP
D2000 System Console	SCO
D2000 TELL	TEL
D2000 Thin Client	TCL
D2000 Topology	TPL
D2000 VBApi	VBA
D2000 WorkBook	WBK

Static objects of *Process* type are created using the process D2000 CNF. Their parameters are stored in the configuration database. Dynamic object of *Process* type is created by starting the process while the process D2000 Server is running. New process connects to D2000 Server and sends parameters necessary for creating a new object. In this case D2000 Server does not know start parameters of this new process and cannot restart it. That is how processes from other computers in a network can connect to D2000 Server.

The processes D2000 VBApi, D2000 WorkBook, D2000 Thin Client, D2000 System Console, D2000 ODBC Driver and process interpreting the script of active picture are so-called **multiname dynamic** client processes from the DODM point of view.

Multiname means that the name is derived from the computer name which the processes have been started on. As the processes can be started multiply on the computer the each instance name of process differs in unique integer identifier.

The name structure is following:
WsName_XX.PPP

WsName	-	network computer name
XX	-	number
PPP	-	suffix given by the process type

Dynamic means that the processes are not saved automatically into configuration database.

Related pages:

Processes - configuration dialog box
Start parameters of processes
States of processes