

## Microsoft Windows Management Instrumentation Command-line (WMIC)

### SAS Server Processes

Microsoft Windows Management Instrumentation Command-line (WMIC) could be leveraged on a WINDOWS environment to gather information about SAS server processes. The servers include:

1. SAS® Metadata Server
2. Workspace Servers
3. SAS® Stored Process Servers
4. SAS Pooled Workspace Servers
5. SAS Object Spawner
6. SAS/SHARE and other servers

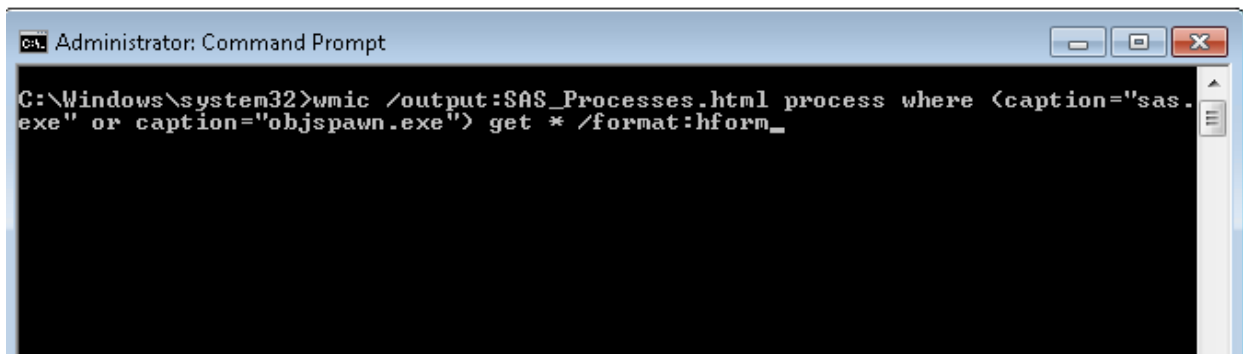
The WMIC command is run in DOS (cmd) window and produces an HTML report listing IO, process ID, command used to start the SAS servers, metadata server information, configuration file, and server start date and time among other information.

The HTML report is called *SAS\_Processes.html*

#### The command is:

```
C:\> wmic /output:SAS_Processes.html process where (caption="sas.exe" or  
caption="objspawn.exe") get * /format:hform
```

#### Code Example



```
Administrator: Command Prompt  
C:\Windows\system32>wmic /output:SAS_Processes.html process where (caption="sas.exe" or  
caption="objspawn.exe") get * /format:hform
```

## Sample Output

Node: SASWIP - 2 Instances of Win32\_Process

objspawn.exe.	
Property Name	Value
Caption	objspawn.exe.
CommandLine	"C:\SASHome\SASFoundation\9.3\objspawn" -name "SAS [Config-Lev1] Object Spawner".
CreationClassName	Win32_Process.
CreationDate	20140127214215.478825-360.
CSCreationClassName	Win32_ComputerSystem.
CSName	SASWIP.
Description	objspawn.exe.
ExecutablePath	C:\SASHome\SASFoundation\9.3\objspawn.exe.
ExecutionState	.
Handle	6016.
HandleCount	219
InstallDate	.
KernelModeTime	1560010
MaximumWorkingSetSize	1380
MinimumWorkingSetSize	200
Name	objspawn.exe.
OSCreationClassName	Win32_OperatingSystem.
OSName	Microsoft Windows 7 Professional  C:\Windows \Device\Harddisk0\Partition1.
OtherOperationCount	34185
OtherTransferCount	526299
PageFaults	7432

## Java Processes:

*Java\_Processes.html* lists all java processes running on your windows server. It is often useful to list for web servers and other java processes running in support of the SAS platform.

The command is:

```
C:\> wmic /output:Java_Processes.html process where caption="java.exe" get * /format:hform
```

Use web browser of your choice to view the .html files. -Happy administrating!