# Sys Info

Need help?

**Technical** contact to tech@argos-labs.com




**Sys Info**

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**Description**

This plugin has ten functions to obtain local system/configuration related information and present it in the form of CSV. Additionally, [Get Process] function can be used as a verification operation to confirm any specific process is running or not.The functions are:

1. Get Process
2. CPU Percent
3. CPU Count
4. Load Avg
5. Memory Info
6. Disk Info
7. Network Stats
8. Network Conns
9. NIC Address
10. NIC Info

This plugin is based on a Python solution called **psutil.** You can find more detailed information about this solution from this link. https://psutil.readthedocs.io/en/latest/

**May you search all operations,**

- **Actions**
- **Verifications**
- **System Calls**
- **Interactives**

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## Input (required)

- Select one function from the pull down list of functions.

## Input (optional – Get Process only)

- Enter process name (partial is OK) to search. (this is case insensitive)

## Output

- Return Value (CSV)

**Each function returns some unique set of information. It is listed as the CSV headers under each function as shown below**

1. Get Process

| pid | ppid | status | name | exe | memory_percent | cpu_percent | cwd | create_time | username |
|---|---|---|---|---|---|---|---|---|---|

2. CPU Percent

| cpu1_percent | cpu2_percent | cpu3_percent | cpu4_percent | cpu5_percent | cpu6_percent | cpu7_percent | cpu8_percent | cpu_percent |
|---|---|---|---|---|---|---|---|---|

3. CPU Count

| **cpu_count** |
|---|

4. Load Avg **(this function is only for Linux)**

| last_1m_load | last_5m_load | last_15m_load |
|---|---|---|

5. Memory Info

| total | available | percent | used | free |
|---|---|---|---|---|

6. Disk Info

| device | mountpoint | fstype | opts | maxfile | maxpath | total | used | free | percent |
|---|---|---|---|---|---|---|---|---|---|

7. Network Stats

| nic | bytes_sent | bytes_recv | packets_sent | packets_recv | errin | errout | dropin | dropout |
|---|---|---|---|---|---|---|---|---|

8. Network Conns

| family | type | local_addr_ip | local_addr_port | remote_addr_ip | remote_addr_port | status | pid |
|---|---|---|---|---|---|---|---|

9. NIC Address

| nic | family | address | netmask | broadcast | ptp |
|---|---|---|---|---|---|

10. NIC Info

| nic | isup | duplex | speed | mtu |
|---|---|---|---|---|

## Important!

**Using [Get Process] as a Verification operation for any of the process to be running or not.**

**See the parameter setting below.**

As shown in example below, the [Get Process] function can be used as a verification operation when the Proc Name check box is checked and a specific process to look for is given --- in this example “Excel”. Please not that the Proc Name entry returns TRUE for a partial match and case insensitive.

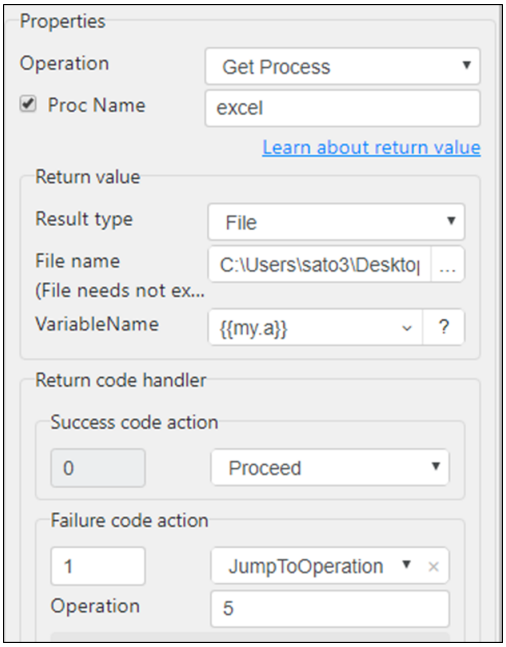
Therefore, if you enter “chrome” at the Proc Name field, it will return TRUE for either chrome.exe and chromedriver.exe. To avoid mis-verification you must enter full process name like “chrome.exe” (case insensitive.)

Return Code can be used for the branching logic setup.

[0] means FOUND and successful

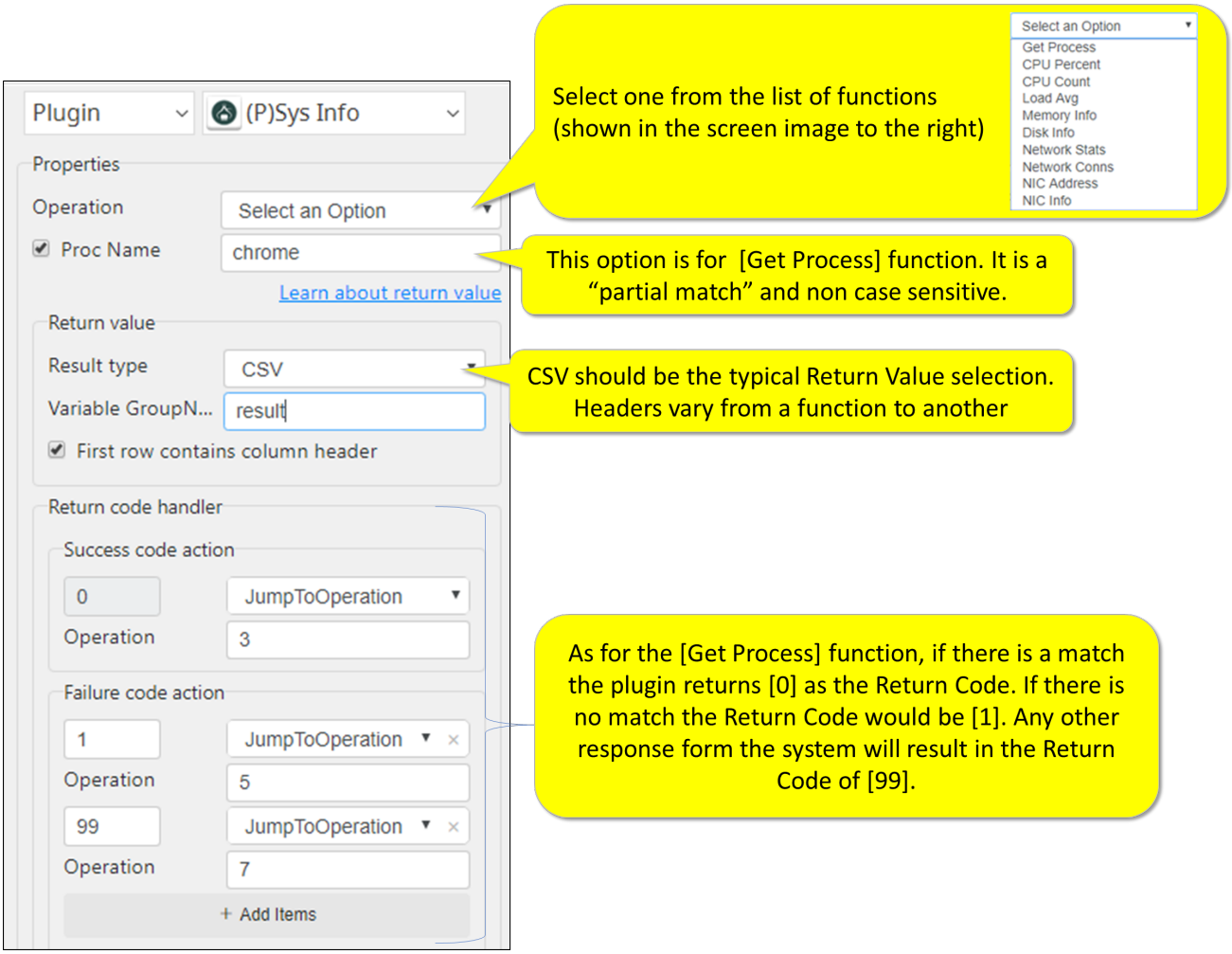
[1] means NOT FOUND.

[99] for any other failure case reply from the system.




## How to set the parameters.

**See example below.**




**All Plugins**

- ABBYY Download
- ABBYY Status
- ABBYY Upload
- AD LDAP
- Adv Send Email
- API Requests
- ARGOS API
- Arithmetic Op
- ASCII Converter
- Attach Image
- AWS S3
- AWS Textra Rekog
- Base64
- Basic Numerical Operations
- Basic String Manipulation

- Bot Collabo
- Box
- Box II
- Chatwork GetMessage
- Chatwork Notification
- Citizen Log
- Clipboard
- Codat API
- Convert CharSet
- Convert Image
- Convert Image II
- Create Newfile
- CSV2XLSX
- Data Plot I
- DeepL Free
- Detect CharSet
- Dialog Calendar
- Dialog Error
- Dialog File Selection
- Dialog Forms
- Dialog Info
- Dialog Password
- Dialog Question
- Dialog Text Entry
- Dialog Text Info
- Dialog Warning
- DirectCloud API
- Doc2TXT
- DocDigitizer Get Doc
- DocDigitizer Tracking
- DocDigitizer Upload
- Docker Remote Service
- Drag and Drop
- Dropbox
- Dynamic Python
- Email IMAP ReadMon
- Email Read Mon
- Env Check
- Env Var
- Excel2Image
- Excel Advanced
- Excel Advance IV
- Excel AdvII
- Excel AdvIII
- Excel Copy Paste
- Excel Formula
- Excel Large Files
- Excel Macro
- Excel Newfile
- Excel Simple Read
- Excel Simple Write
- Excel Style
- Excel Update
- Fairy Devices mimi AI
- File Conv
- File Downloader
- File Folder Exists
- File Folder Op
- File Status
- Fixed Form Processing
- Floating Form Processing
- Folder Monitor
- Folder Status
- Folder Structure
- FTP Server
- Git HTML Extract
- Google Calendar
- Google Cloud Vision API
- Google Drive
- Google Search API
- Google Sheets
- Google Token
- Google Translate
- Google TTS
- GraphQL API
- Html Extract
- HTML Table
- IBM Speech to Text
- IBM Visual Recognition

- Java UI Automation
- JP Holiday
- JSON Select
- JSON to from CSV
- Lazarus Forms
- Lazarus Invoices
- Lazarus RikAI
- Lazarus Riky
- LINE ID Card OCR
- LINE Notify
- LINE Receipt OCR
- Microsoft Teams
- MongoDB
- MQTT Publisher
- MS Azure Text Analytics
- MS Word Extract
- NAVER OCR
- Newuser-SFDC
- OCI
- OCR PreProcess
- OpenAI API
- Oracle SQL
- Outlook
- Outlook Email
- PANDAS I
- pandas II
- pandas III
- PANDAS profiling
- Parsehub
- Password Generate
- Path Manipulation
- PDF2Doc
- PDF2Table
- PDF2TXT
- PDF Miner
- PDF SplitMerge
- PostgreSQL
- PowerShell
- PPTX Template
- Print 2 Image
- Python Selenium
- QR Generate
- QR Read
- RakurakuHanbai API
- Regression
- Rename File
- REST API
- Rossum
- Running GAS
- Scrapy Basic
- Screen Capture
- Screen Recording START
- Screen Recording STOP
- Screen Snipping
- Seaborn Plot
- SharePoint
- Simple Counter
- Simple SFDC
- Slack
- Sort CSV
- Speed Test
- SQL
- SQLite
- SSH Command
- SSH Copy
- String Manipulation
- String Similarity
- Svc Check
- Sys Info
- Telegram
- Tesseract
- Text2PDF
- Text2Word
- Text Read
- Text Write
- Time Diff
- Time Stamp
- Web Extract
- Windows Op

- Windows Screen Lock
- Win UI Control
- Win UI Text
- Word2PDF
- Word2TXT
- Word Editor
- Work Calendar
- XML Extract
- XML Manipulation
- Xtracta Get Doc
- Xtracta Tracking
- Xtracta Upload
- YouTube Operation
- ZipUnzip