


# JSON Select

Need help?

Technical contact to [tech@argos-labs.com](mailto:tech@argos-labs.com)

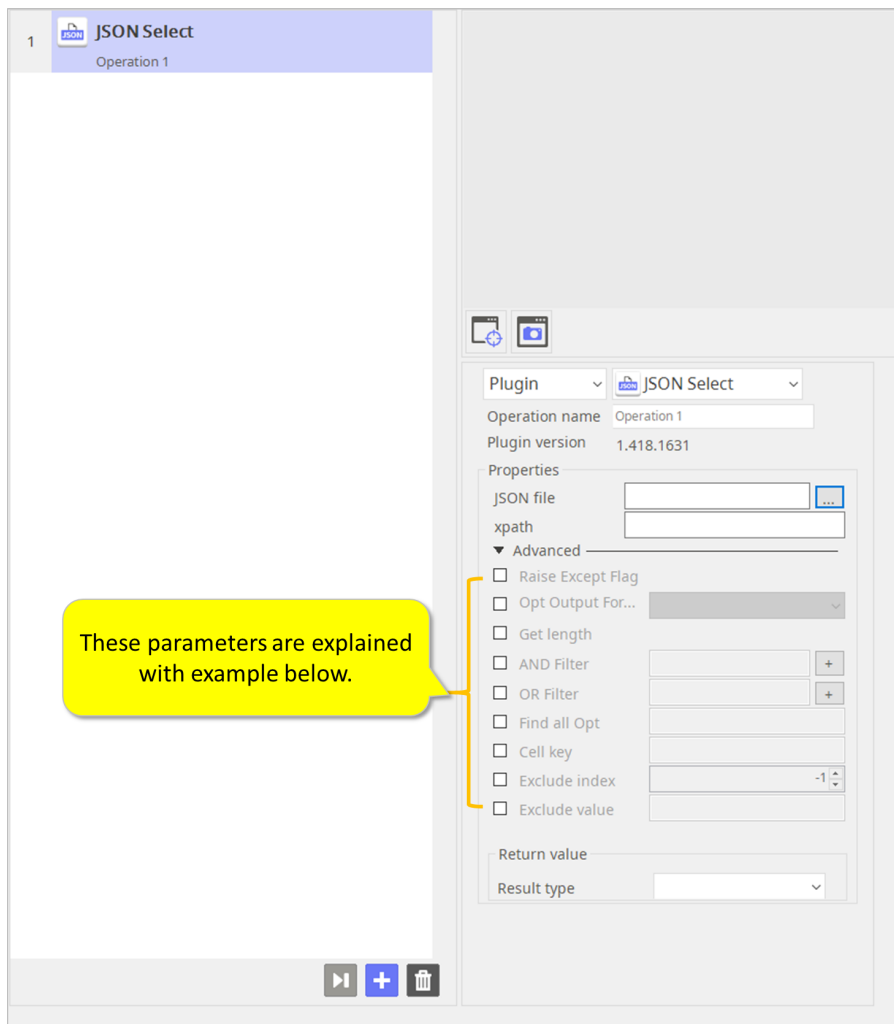
|  |   |
|--|---|
| <br>JSON Select | <b>JSON Select</b><br><br>Please note the JSON Select plugin was designed to handle some special .json files that contain multiple-nested-layer structure with recursive columns. This type of .json files are often seen in output files from AI-OCR solutions such as Rossum and Xtracta. |
|--|---|

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## Usage Guide with Sample JSON code.

```
= Example JSON
{
  "page": 1,
  "per_page": 3,
  "total": 12,
  "total_pages": 4,
  "pagedata": {
    "data": [
      {
        "id": 1,
        "name": "cerulean",
        "year": 2000,
        "color": "#98B2D1",
        "pantone_value": "We"
      },
      {
        "id": 2,
        "name": "fuchsia rose",
        "year": 2001,
        "color": "#C74375",
        "pantone_value": "Freedom"
      },
      {
        "id": 3,
        "name": "true red",
        "year": 2002,
        "color": "#BF1932",
        "pantone_value": "Soul"
      }
    ]
  },
  'jpn': {
    "data": {
      "shippingDay": "2019-04-02",
      "mansionName": ""
    },
    "status": 200
  }
}
```



### 1) Execute with xpath "total"

> result is "12"

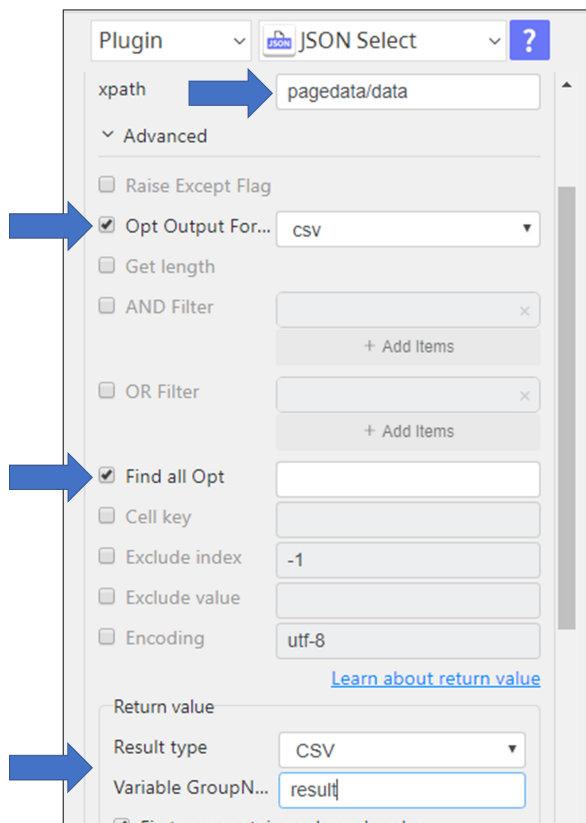
### 2) Execute with xpath "pagedata/data[2]/id"

> result is "3"

### 3) Execute with xpath "pagedata/data"

> result are

- "id","name","year","color","pantone\_value"
- 1,"cerulean",2000,"#98B2D1","We"
- 2,"fuchsia rose",2001,"#C74375","Freedom"
- 3,"true red",2002,"#BF1932","Soul"



When you have a "list" marked with [] in your json, just specifying the list-key will return a table of listed elements in csv format.

In the advanced menu, you must check the Output Format as CSV and you must check Find all Opt (options = elements) and leave the text box blank

#### 4) Execute with xpath "pagedata/invalid" with "Raise Except Flag"

> return Error

#### 5) Execute with xpath "pagedata/invalid" without "Raise Except Flag"

> return Error

==> no need this option.

\* "Opt Output Format" is only "csv"

#### 6) Execute with xpath "pagedata/data" with "Get length"

> result are "3"

#### 7) Execute with xpath "pagedata/data" with "AND Filter", "id=2" (this "AND Filter" can be muple)

> result are

- "id","name","year","color","pantone\_value"
- 2,"fuchsia rose",2001,"#C74375","Freedom"

#### 8) Execute with xpath "pagedata/data" with "OR Filter", "id=2", "OR Filter", "id=3"

(this "AND Filter" can be muple)

> result are

- "id","name","year","color","pantone\_value"
- 2,"fuchsia rose",2001,"#C74375","Freedom"
- 3,"true red",2002,"#BF1932","Soul"

\* "Find all Opt" option is gathers all data matching key value.

\* "Cell key" option is defined then this column value is valid (exists and not empty).

\* "Exclude index" option is 1 and "Exclude value" is "Item" then in csv result first column value is "Item" rows are excluded.

## Return Code

| Code | Meaning              |
|------|----------------------|
| 0    | Execution successful |
| 2    | Execution failed     |

## Additional feature (as of Oct 26, 2020)

Now you can specify the encoding format of your text file.

The screenshot shows the configuration window for the 'JSON Select' plugin. The 'Plugin' dropdown is set to 'JSON Select'. The 'Description' field is empty. The 'Plugin version' is '2.1026.1312'. Under the 'Properties' section, there are fields for 'JSON file' and 'xpath'. The 'Advanced' section is expanded, showing several options: 'Raise Except Flag', 'Opt Output For...', 'Get length', 'AND Filter', 'OR Filter', 'Find all Opt', 'Cell key', 'Exclude index', and 'Exclude value'. The 'Encoding' option is highlighted with a red dashed box. Below the 'Encoding' option, there is a link 'Learn about Return value'. At the bottom, there is a 'Return value' section with a 'Result type' dropdown and a 'Notification' checkbox with a text input field.

Plugin: JSON Select

Description:

Plugin version: 2.1026.1312

Properties

JSON file:

xpath:

Advanced

☐ Raise Except Flag

☐ Opt Output For...

☐ Get length

☐ AND Filter: +

☐ OR Filter: +

☐ Find all Opt

☐ Cell key

☐ Exclude index: -1

☐ Exclude value

☐ Encoding: utf-8

[Learn about Return value](#)

Return value

Result type:

[Contact author of this plugin](#)

☐ Notification: Enter message here

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