

JSONPath Cheat Sheet (Macro Scheduler)

A quick reference for extracting data from JSON using the JSONParse command.

Command

JSONParse>json_string,json_path,resultArray

Outputs: resultArray_1, resultArray_2, ... and resultArray_count

Core Building Blocks

- 1 \$ -> Root (always start here)
- 2 .property -> Child property
- 3 [0] -> Array index (zero based)
- 4 [*] -> All items in array
- 5 \$.people[1].Name -> Nested selection
- 6 \$['people'][1]['Name'] -> Bracket notation (safe for special characters)

Filters (Predicates)

- 1 \$.items[?@.price < 10] -> price less than 10
- 2 \$.items[?@.name == "Marcus"] -> equals
- 3 \$.items[?@.type != "archived"] -> not equals
- 4 \$.items[?@.isbn] -> property exists
- 5 \$.items[?!@.isbn] -> property missing
- 6 @.a < 10 && @.b > 5 -> AND
- 7 @.a < 10 || @.b > 5 -> OR

Common Patterns

- 1 Filter then extract field: \$.store.book[?@.price < 15].title
- 2 All titles: \$.store.book[*].title
- 3 Whole objects: \$.store.book[?@.price < 10]

Macro Scheduler Gotchas

- 1 Always include \$ at the start of the path
- 2 Results are always arrays (use result_1)
- 3 Check result_count before using results

Macro Scheduler – <https://www.mjtnet.com>