

JSON Functions and Pipes

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`./jq`



Jq Command for Bash Shell Scripting

JSON Functions:

- Jq has many powerful built-in functions
- They are:
 - keys → To get keys for a json object
 - length → To find the number of keys for an object or length of an array or even length of a value
 - min/max → To find min or max value from an array
 - reverse → it reverse an array
 - sort → To sort the values in an array
 - unique → It removes duplicate values from an array and data is sorted
 - del → It deletes key value pair from json object
 - Note: only in output not in input json
- Note: Functions are case-sensitive and Don't Apply . before any function

Jq is a command-line utility to parse JSON Data

Pipe Usage in Jq Command:

- Pipes are used to chain commands in Linux/Unix/Mac, Same way we can use Pipe to combine filters and functions.
- Example:
jq '.key' filename | jq 'length'
jq '.key | length' fileName

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Thank you