json

install (raspberry)

```
cd /tmp
wget https://github.com/stedolan/jq/releases/download/jq-1.5/jq-1.5.tar.gz
tar xfvz jq-1.5.tar.gz
cd jq-1.5
./configure && make && sudo make install
```

tutorials

- https://linuxhint.com/bash_jq_command/

jq (shell)

selección

ejemplo

```
{
  "ACTION": "domain.list",
  "DATA": [
    {
      "TYPE": "slave",
      "AXFR_IPS": "none",
      "DOMAIN": "domain1.com",
      "TTL_SEC": 0,
      "SOA_EMAIL": "",
      "DOMAINID": 11111,
      "DESCRIPTION": "",
      "EXPIRE_SEC": 0,
      "RETRY_SEC": 0,
      "STATUS": 1,
      "LPM_DISPLAYGROUP": "",
      "REFRESH_SEC": 0
    },
    {
      "TYPE": "slave",
      "AXFR_IPS": "none",
      "DOMAIN": "domain2.net",
      "TTL_SEC": 0,
      "SOA_EMAIL": "",
      "DOMAINID": 22222,
      "DESCRIPTION": "",
      "EXPIRE_SEC": 0,
      "RETRY_SEC": 0,
      "STATUS": 1,
```

```
        "LPM_DISPLAYGROUP": "",
        "REFRESH_SEC": 0
      },
      {
        "TYPE": "slave",
        "AXFR_IPS": "none",
        "DOMAIN": "domain3",
        "TTL_SEC": 0,
        "SOA_EMAIL": "",
        "DOMAINID": 33333,
        "DESCRIPTION": "",
        "EXPIRE_SEC": 0,
        "RETRY_SEC": 0,
        "STATUS": 1,
        "LPM_DISPLAYGROUP": "",
        "REFRESH_SEC": 0
      },
    ],
    "ERRORARRAY": []
  }
```

selecciona segundo subdocumento del documento DATA

```
| jq '.DATA | .[2]'
```

selecciona todos los elementos de DOMAINID

```
| jq '.DATA | .[].DOMAINDID'
```

selecciona elemento por criterio/filtro

```
| jq '.DATA[] | select(.DOMAIN == "domain2") | .DOMAINID'
```

/via: https://github.com/stedolan/jq/issues/370

script

```
sample='[{"name":"foo"},{"name":"bar"}]'
for row in $(echo "${sample}" | jq -r '.[] | @base64'); do
    _jq() {
     echo ${row} | base64 --decode | jq -r ${1}
    }

   echo $(_jq '.name')
done
```

/via: https://starkandwayne.com/blog/bash-for-loop-over-json-array-using-jq/

From:
https://miguelangel.torresegea.es/wiki/ - **miguel angel torres egea**

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