

JSON protocol handler

The JSON protocol handler parses [JSON](#) documents.

Options

- json.write.metadata: Dumps the metadata
- json.write.starttimestamp: Adds the starttimestamp to the key value object under the given key
- json.write.endtimestamp: Adds the endtimestamp to the key value object under the given key
- schema: Due to the principles of key value data no schema is needed. But you can define a JSON element, which should be used as STARTTIMESTAMP or ENDTIMESTAMP.

Example

PQL

JSONProtocolHandler

```
json = ACCESS({
  source='json',
  wrapper='GenericPull',
  transport='File',
  protocol='JSON',
  dataHandler='KeyValueObject',
  options=[['filename','scrobbles-2006-10.json']]
// schema=[['timestamp','STARTTIMESTAMP'], ['timestamp2','ENDTIMESTAMP']] // only used for definition of
START- or ENDTIMESTAMP
})
```

JSONProtocolHandler

```
SENDERjson = SENDER({
  transport='File',
  wrapper='GenericPush',
  protocol='JSON',
  dataHandler='KeyValueObject',
  SINK="SENDERjson",
  options=[
    ['filename','${WORKSPACEPROJECT}\testdata\tupletokenvalue\output.json'],
    ['json.write.metadata','true'],
    ['json.write.starttimestamp','metadata.starttimestamp'],
    ['json.write.endtimestamp','metadata.endtimestamp']
  ]}, tupletokeyvalue0)
```

CQL

JSON Protocol Handler

```
CREATE STREAM line (symbol String, points Double)
  WRAPPER 'GenericPush'
  PROTOCOL 'JSON'
  TRANSPORT 'File'
  DATAHANDLER 'Tuple'
```