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Why select result return an array of RowDataPacket? #1330

New issue

Closed vthai opened this issue on Jan 13 · 3 comments



vthai commented on Jan 13



I am wondering why the query result for a SQL SELECT return something like this:

```
[ RowDataPacket {
  id: 19,
  username: 'admin',
  status: 1,
  role: 2,
  phone: '123456789',
  first_name: 'admin',
  last_name: 'admin' },
  RowDataPacket {
    id: 23,
    username: 'abhjj',
    status: 1,
    role: 2,
    phone: '123456789',
    first_name: 'admin',
    last_name: 'admin' },
  RowDataPacket {
    id: 24,
    username: 'abheee',
    status: 1,
    role: 2,
    phone: '123456789',
    first_name: 'admin',
    last_name: 'admin' } ]
```

Shouldn't it just return something a "pure" JSON array like this:

```
[{"id":19,"username":"admin","status":1,"role":2,"phone":"123456789","first_name":"admin","last_name
```

Maybe I am new to Javascript but the one returned by node-mysql doesn't even qualified as JSON object? no colon after RowDataPacket?

Labels

question

Milestone

No milestone

Assignees

dougwilson

4 participants



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dougwilson added the question label on Jan 13

dougwilson self-assigned this on Jan 13




dougwilson commented on Jan 13



Hi @vthai ! We return an array of RowDataPacket objects because this is a low-level driver library. But regardless, the output you provided above is not JSON because you didn't use a JSON serializer to display it. It looks like you probably used console.dir or console.log, which Node.js uses a different formatting.

Try using this: console.log(JSON.stringify(result))

3

 dougwilson closed this on Jan 13



sidorares commented on Jan 14



It might actually help with performance as well. Because all rows are instances of the same `RowDataPacket` class, they all share same 'hidden class' - see for example <http://s3.mrale.ph/nodecamp.eu/#41> for explanation



Deepavathi commented on Apr 11



Im getting results like this on using `console.log(JSON.stringify(result))`. How to read `StatusFlag` and `Statusmessage` from this.

```
[
  [
    {
      "StatusFlag": 0,
      "StatusMessage": "Dot User does not exists. Please register"
    }, {
      "fieldCount": 0,
      "affectedRows": 0,
      "insertId": 0,
      "serverStatus": 34,
      "warningCount": 0,
      "message": "",
      "protocol41": true,
      "changedRows": 0
    }
  ]
]
```



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