🏠 ＞   Javascript

Configuring MySQL Connection in JavaScript with Dotenv

Author: Charlene Coombs   Date: 2023-05-15

Feedback

I successfully resolved the issue by simply modifying the user variable name. Query: The files involved are my config.env file and my dbconnect file (located in the same directory as the config.env file). Despite being unable to connect using process.env, manually entering the values as shown in the commented code allows me to establish a connection to the database. Here is the code I am using: To load environment variables, I am utilizing dotenv and initializing it in my entry file. What mistake am I making in this process?

Dotenv d'ont work with createConnection what should I use instead?

Question:

It functions properly without utilizing my .env file, but it fails when I attempt to establish a connection using it. """.

```javascript
var mysql = require('mysql');
require('dotenv').config();
const db = mysql.createConnection({
    host: process.env.HOST,
    port: "3306",
    user: process.env.USER,
    password: process.env.PASSWORD,
    database: process.env.DATABASE
});
module.exports = db
```

I have this error.

```
error: ER_NOT_SUPPORTED_AUTH_MODE: Client does not support authentication pr
```

However, I am already well-informed about the latest mysql version.

Any idea ?

Although I attempted to run those commands, they were unsuccessful despite my previous efforts.

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'pass
flush privileges;
```

Solution 1:

The real issue sometimes lies in the names of the variables mentioned in the .env file. This is the method I employ.

```javascript
require("dotenv").config();
const util = require("util");
var mysql = require("mysql");
const conn = {
  host: process.env.DB_HOST,
```

```
    user: process.env.DB_USER,
    password: process.env.DB_PASS,
    database: process.env.DB_NAME,
  };
  const db = = mysql.createConnection(conn);
  module.exports = db
```

Solution 2:

I discovered! ` process.env ` It is advisable to check the system before referring to the .env file. The variable USER has already been declared, so it provides the username of my computer. I simply had to modify the user variable's name, and it functioned perfectly.

How to connect Node.js to MySQL Workbench, It looks like you are not setting the environment variables DB_USER and DB_PASSWORD. You should set the environment variables before running ...

Tags:

> problem connecting to localhost db using tedious
>
> connect to mysql database using processenvvariable
>
> dotenv dont work with createconnection

I can't connect to mysql database using process.env. variable

Question:

my config.env file

```
PORT=5000
DB_HOST='localhost'
DB_PORT=3306
DB_USER='root'
DB_PASSWORD='fast'
DB_NAME='hms'
```

The file for connecting to the database (located in the same directory as the config.env file) is causing an issue. I am unable to establish a connection using process.env, but if I manually input the values in the commented code, it works. Additionally, when I console.log the values of process.env.anyvariable, I receive the

correct environmental variable value. However, if I assign it to a variable, such as const ` **variable=process.env.DB_HOST** `, it appears as undefined in the console.log. This is resulting in an error.

```
code: 'ER_ACCESS_DENIED_ERROR',
  errno: 1045,
  sqlMessage: "Access denied for user ''@'localhost' (using password: NO)",
  sqlState: '28000',
  fatal: true
```

```
const mysql = require("mysql")
const dotenv = require("dotenv")
dotenv.config({ path: './config.env' });
const connection = mysql.createConnection({
    host: process.env.DB_HOST,
    port: process.env.DB_PORT,
    user: process.env.DB_USER,
    password: process.env.DB_PASSWORD,
    database: process.env.DB_NAME
})
// const connection = mysql.createConnection({
//     host: 'localhost',
//     port: 3306,
//     user: 'root',
//     password: 'fast',
//     database: 'hms'
// })
connection.connect( (err) => {
    if (err){
        console.log(err)
    }
    else
    {
        console.log("Database connected!")
    }
})
```

Solution:

Since my /config/config.env is not located in the parent directory, I need to find an alternative solution.

```
dotenv.config({ path: './config.env' });
```

write

```
dotenv.config({ path: __dirname + '/config.env' });
```

How to hide connection details for mysql database in, 1. I use dotenv. yarn add dotenv. Create a .env file in the root directory of your project. host=my.ip.address.info user=username password=password ...

Problem connecting to localhost db using Tedious

Question:

In an attempt to develop a straightforward backend for my website, I am currently working on a file that will manage my database operations. However, I'm encountering the ` (node:13680) UnhandledPromiseRejectionWarning: ConnectionError: Connection lost - Unable to process incoming packet ` error message despite following the instructions provided in the ` mssql ` documentation.

Code

db.ts

```
require('dotenv').config();
var sql = require("mssql");
const config: object = {
    user: process.env.DB_USER,
    password: process.env.DB_PASSWORD,
    server: process.env.DB_SERVER,
    database: process.env.DB_DATABASE,
```

CopyProgramming

```
    })();
```

.env config

```
DB_USER="root"
DB_PASSWORD=""
DB_SERVER="localhost"
DB_DATABASE="app"
DB_PORT=3306
```

Error

```
(node:6388) UnhandledPromiseRejectionWarning: ConnectionError: Connection lo
    at C:\Projects\Javascript\Typescript App\node_modules\mssql\lib\tedious\
    at Connection.onError (C:\Projects\Javascript\Typescript App\node_module
    at Connection.emit (events.js:387:35)
    at Connection.emit (C:\Projects\Javascript\Typescript App\node_modules\t
    at Connection.socketError (C:\Projects\Javascript\Typescript App\node_mo
    at MessageIO. (C:\Projects\Javascript\Typescript App\node_modules\tediou
    at MessageIO.emit (events.js:375:28)
    at IncomingMessageStream. (C:\Projects\Javascript\Typescript App\node_mo
    at IncomingMessageStream.emit (events.js:387:35)
(Use `node --trace-warnings ...` to show where the warning was created)
(node:6388) UnhandledPromiseRejectionWarning: Unhandled promise rejection. T
(node:6388) [DEP0018] DeprecationWarning: Unhandled promise rejections are d
```

Solution 1:

It appears that the driver you are using to manage the server connection is incorrect. Please note that you should use the ` mssql ` package, designed specifically for handling SQL Server connections.

Attempt to install a mysql package using either ` npm i mysql ` or ` yarn add mysql ` (depending on your package manager). Then, create a test connection to verify if it functions correctly. =D """.

Please access the documentation for the MySQL package by clicking here.

Solution 2:

Please include the tag ` **--unhandled-rejections=strict** ` or refer to the following:

> " *The link provided directs to a YouTube video with the URL*
> *"https://www.youtube.com/watch?v=FM0cJqnB4dI".* "

Why is mysql connection not working with dotenv, Sorted by: 2. It might be because the dotenv package hasn't been able to find your .env file. try printing any of the variables, and see if it's undefined. If it is, my assumption is correct. console.log (process. env ['SOCKET_PATH']) In that case, you need to manually specify the relative path to your .env file. Code samplerequire('dotenv').config();var mysql = require('mysql');var bdd = mysql.createConnection({socketPath : process.env.SOCKET_PATH,user : process.env.USERDB,Feedback

Nodejs - unable to load environment variable in mysql2

Question:

I am utilizing the mysql2 package for connecting node in conjunction with MySQL. To store my username and password, I am relying on a .env file. However, when I attempt to use it in my configuration for connecting to MySql, it fails to load. Consequently, I encounter the following error every time I send a request via Postman.

```
Error: Access denied for user 'undefined'@'localhost' (using password: YES)
```

Below is my code:

```
const express = require("express");
const router = express.Router();
const mysql = require("mysql2");
const connection = mysql.createPool({
    user: `${process.env.DB_USERNAME}`,
    host: "localhost",
    password: `${process.env.DB_PASSWORD}`,
    waitForConnections: true,
    connectionLimit: 10,
    queueLimit: 0,
    database: "issue",
});
```

In my entry file, I initialize dotenv to load environment variables.

```
require('dotenv').config();
```

What am I doing wrong?

Solution:

Due to JavaScript's type coercion, using ` process.env.foo ` within a string will cause it to be ` "undefined" ` when it is ` undefined ` .

Either there is a typographical error in your dotenv configuration file or some other issue with how you are utilizing dotenv.

For better error messaging in such cases, I suggest implementing defensive coding. (Please note that the code below is untested, but it should convey the idea.)

```
const express = require("express");
const router = express.Router();
const mysql = require("mysql2");
const dbUsername = process.env.DB_USERNAME;
const dbPassword = process.env.DB_PASSWORD;
if (!dbUsername) {
    throw new Error('DB_USERNAME environment variables must be set');
}
if (!dbPassword) {
            throw new Error('DB_PASSWORD environment variables must be set')
}
const connection = mysql.createPool({
    user: dbUsername,
    host: "localhost",
    password: dbPassword,
    waitForConnections: true,
    connectionLimit: 10,
    queueLimit: 0,
    database: "issue",
});
```

I have node.js application I am setting .env using dotenv, I have node.js application I have installed dotenv and add the following configuration in my .env file DB_HOST ='localhost' ...

Read other technology post: [What is a safe way to create a Temp file in Java?](#)

Related posts:

[Access Denied Error: User ''@'localhost' Cannot Access (Without Password)](#)

[Using a Single Sequelize Instance for Database in All Models of Node.js Express API](#)

[Host Not Found in pg_hba.conf: SequelizeConnectionError in CircleCI](#)

[Adding Environment Variables to Javascript for Database Integration: A Step-by-Step Guide](#)

[Connecting to MySQL with node.js: A Guide Utilizing the node-mysql Driver](#)

[Alternative methods for linking and showcasing MySQL with Node.js via HTML](#)

[Troubleshooting Docker Compose's Connection Error: ECONNREFUSED 172.18.0.4:3306](#)

[Troubleshooting Issues with Establishing a Connection to MongoDB Using Mongoose](#)

[Connecting to MySQL with Node.js using Javascript](#)

[Establishing a Connection to SQL Server Express in Node.js: A Rephrased Guide](#)

[Android webView showing ERR_ACCESS_DENIED error](#)

[Missing configuration option client prevents Knex from executing migrations](#)

[MariaDB Shell encounters Syntax Error while attempting to reset Root Password](#)

[Resolving the UnhandledPromiseRejectionWarning: MongoParseError: The URI is missing a hostname, domain name, and top-level domain](#)

[Encountering Backend Errors while Developing a MERN Stack-Based Whatsapp Replica](#)

[Code Example for Setting Environment Variables in Node.js using JavaScript](#)

[Access Denied Error for User 'Root' at Localhost while Using Password in NodeJS and mySQL](#)

[Failure to Establish Connection between Mongoose and MongoDB 4.2](#)

[Code example that signifies E2e test case](#)

[Despite the variable being a string, a MongooseError occurs stating that the `uri` parameter passed to `openUri()` must be a specific type](#)

[User authentication failed due to password error in Postgres docker](#)

[Connection Error (SASL) with Docker while using MongoDB](#)

[Hostname, domain name, and TLD missing from MongoDB Docker URI](#)

[Trouble establishing a connection between Node.js and a remote MariaDB database](#)

[Connection String Invalidity Leads to MongoParseError](#)

[Access Denied Error for User in Localhost When Trying to Reconnect MySQL using Node.js and Express](#)

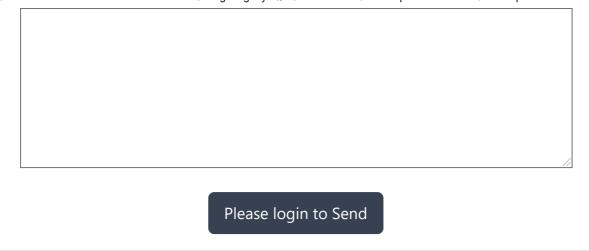[Express Mongoose installation via 'npm i' fails to work](#)

[Node JS and MySQL connection error due to authentication protocol issue](#)

[Unidentified issue causing 'MongoParseError: Invalid connection string' and triggering 'UnhandledPromiseRejectionWarning'](#)

[Running mongo express with docker compose proves to be a challenge](#)

Write a comment:

Your name

Title

Message

Please login to Send

Search

Search

Search

Latest posts

[Convert a particular color within an image to the color black](#)

[Resolving a Duplicate Java Error without an 'if' Condition](#)

[Creating Hebrew page numbers in Scribus: A step-by-step guide](#)

[Attaining convergence with coxph (R) when model convergence is achieved with proc phreg (SAS)](#)

[A method to evaluate the similarity between two arrays in Python, considering a specific value](#)

Generating a text box alert or hover pop-up text in Ruby on Rails based on form selection

Implementing a Condition on Text Widget in Flutter When Data is Unavailable

Console throws 'underscore' module not found error for all Meteor commands

The Location of DNS Server's Search Domain Specification

The Property of CSS for border-radius

Pandas Tutorials

5 Different Ways to Add a Total Row to Groupby Pandas in Python

5 Effective Ways to Remove Index Names in Pandas Dataframes

Mastering DataFrame Splitting in Python Pandas: Techniques and Examples Based on Column Values

Python Dataframe String to Date: Best Practices for Converting Strings to Dates in Pandas

Efficiently Find the Minimum Value in a Series Using Pandas in Python

Efficiently Remove Duplicate Rows Based on One Column Using Python Pandas

Efficiently Remove Specific Rows from DataFrame using Pandas in Python

Ultimate Guide to Replacing Null Values in Pandas DataFrame with Python

Mastering Pandas DataFrame: How to Show All First Columns in Jupyter Notebook

Mastering Missing Data in Pandas: Extracting Rows with Missing Values

Artificial Intelligence

Prerequisites to Learn Artificial Intelligence and Machine Learning

Top 7 Artificial Intelligence and Machine Learning Trends For 2022

How is Bayes' Theorem used in artificial intelligence and machine learning?

Artificial Intelligence

What's artificial intelligence?

[Importance of Artificial Intelligence](#)

[What is artificial intelligence?](#)

[How Artificial Intelligence Works?](#)

[Uses of Artificial Intelligence](#)

[Machine Translation of Languages in Artificial Intelligence](#)

New tutorials

[Insert a string into other string at the specified position or after X paragraphs of a HTML content in PHP](#)

[Create gradient text with Tailwind CSS](#)

[Sticky Header, Footer and Fixed Sidebar with Tailwind CSS](#)

[How to Install Tailwind CSS in a Laravel Project](#)

[How to install Laravel?](#)

[Popular PHP Frameworks in 2022](#)

[4 tips to solve programming issues](#)

[How to Enable Remote Access To MySQL Database Server?](#)

[Install MySQL 8.0 on Ubuntu 20.04](#)

[New command "model:show" in Laravel 9](#)

Recommended posts

[Validation using Formik and Yup](#)

[Git package not found: Docker error](#)

[Safely Extracting and Testing SPOP Values for Null](#)

[Remarkably sluggish upload speed observed in Hyper-V virtual machines](#)

[Adding a character to a string in C#](#)

[Techniques for Computing the Definite Integral of a Logarithmic Function with Limits from Zero to One](#)

[Printing a formatted list of lists in Python](#)

[RSA decryption using private key in decimal notation](#)

[Dispatching New State with React Hooks, Reducers, and Ajax](#)

[Method for resolving equations of the form $\frac{ax+b}{cx+d}=\frac{px+q}{rx+s}$ with equivalent sums of numerators and denominators](#)

[Accessing object data members in an array through pointers](#)

[Retrieving data-id of a parent element using JQuery](#)

[Using MAIL_FROM_ADDRESS - A Guide](#)

[Verifying the Completeness of Data Load for Use with Angular 8's Async Pipe](#)

[Data file not detected by Pyinstaller](#)

[Using Boto3 in Python to Retrieve Files from S3 via File Path: A Step-by-Step Guide](#)

[Efficiently Checking Multiple Conditions in an IEnumerable without Buffering](#)

[Is it possible to clear the Python Interpreter window in Pyscripter using programming?](#)

[Duplicate: Methods for retaining special characters in a string without removal](#)

[Fetching Data from Websites Utilizing JavaScript and jQuery Using Python 3's Request Module](#)

[Firebase Storage Fails to Accept Image File Upload](#)

[Achieving a Combination of Background Image and Linear Gradient in CSS: Overlapping Linear Gradient onto the Background Image](#)

[Verify whether a variable in C is of the string type or an integer type](#)

[Importing a CSV File in SQL Server using Bulk Insert](#)

[Utilizing Sass Map (scss map-get) in the Import of Other scss Files](#)

[Enabling the compiler to assume all cases in a switch statement are handled, excluding the default case](#)

[Adding a DNS Server Using resolv.conf: A Guide](#)

[TypeError: Cannot read property 'catch' of undefined in React Native navigation](#)

Php formatting date

Ceasing CSS3 Animation on Final Frame

© **CopyProgramming** 2023 - All right reserved

About us   **Terms of Service**   **Privacy**   **Contact**

Php formatting date

Ceasing CSS3 Animation on Final Frame