

Time to connect to the SQL database

- To set up a single use connection you can simply use the following code:

```
let mysql = require("mysql");
let connection = mysql.createConnection({
  host: process.env.DB_HOST, // Where the database is running
  user: process.env.DB_USER, // Your username for the database
  password: process.env.DB_PASSWORD, // Your password (if there is one)
  database: process.env.DB_DATABASE, // The name of your database schema
});

connection.connect();

connection.query(
  "SELECT * from todos where user_id = ? AND completed = ?",
  [userId, 1],
  function (err, rows, fields) {
    if (err) throw err;

    console.log("The first todo is:", rows[0]);
  }
);

connection.end();

// The question mark above protects from SQL Injection
// Without, lets say req.params.userId = "5; DELETE FROM POSTS WHERE 1=1;"
// That would result in:
```

```
SELECT * FROM POSTS WHERE userId = 5; DELETE FROM POSTS WHERE 1=1;
```

- Either way, once you have the connection set up it's as simple as writing the queries.