**Experiment Report - 71 - test8\_mysqlpool**

1. **Summary Table of Errors Found**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Error ID | Line Number | Error Type | Self-Detected? | Peer 1 Found? | Peer 2 Found? |
| E01 | line 24 | Semantic | √ | × | × |
| E02 | line 55 | Logic | √ | √ | √ |

Additional Errors Found by Self: 0

Self-Review Detection Rate: 100%

Peer 1 Detection Rate: 50%

Peer 2 Detection Rate: 50%

1. **Source Code**
2. "use strict";
3. Object.defineProperty(exports, "\_\_esModule", { value: true });
4. const Mysql = require("mysql");
5. const mylogger\_1 = require("./mylogger");
6. class MysqlPool {
7. constructor(config) {
8. this.\_mysqlPool = null;
9. this.\_config = {};
10. this.initialize(config);
11. }
12. initialize(config) {
13. this.\_config = config;
14. if (this.\_config.database == undefined) {
15. mylogger\_1.myLogger.log('no config parse to json right.');
16. return false;
17. }
18. if (!this.\_config.host) {
19. this.\_config.host = '127.0.0.1';
20. }
21. if (!this.\_config.port) {
22. this.\_config.port = 3306;
23. }
24. if (!this.\_config.connectionLimit) {
25. this.\_config.connectionLimit = 5;
26. }
27. this.\_mysqlPool = Mysql.createPool(this.\_config);
28. return true;
29. }
30. getPool() {
31. return this.\_mysqlPool;
32. }
33. query(querystr, queryparams) {
34. // 返回一个 Promise
35. return new Promise((resolve, reject) => {
36. this.\_mysqlPool.getConnection((err, connection) => {
37. if (err) {
38. reject(err);
39. }
40. else {
41. connection.query(querystr, queryparams, (err, rows) => {
42. connection.release();
43. if (err) {
44. reject(err);
45. }
46. else {
47. resolve(rows);
48. }
49. });
50. }
51. });
52. });
53. }
54. cbquery(querystr, queryparam, cb) {
55. this.\_mysqlPool.getConnection((err, connection) => {
56. if (err) {
57. var sql = querystr;
58. connection.query(querystr, queryparam, (err, rows) => {
59. connection.release();
60. if (err) {
61. cb(err);
62. }
63. else {
64. cb(null, rows);
65. }
66. });
67. }
68. else {
69. cb(err);
70. }
71. });
72. }
73. }
74. exports.MysqlPool = MysqlPool;
75. //# sourceMappingURL=mysqlpool.js.map