

# 项目管理系统 web-api 代码走查

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## 项目管理系统 web-api 代码走查

package 包过时

"koa-proxy": "^0.6.0" `

"koa-convert": "^1.2.0"

语法错误

代码逻辑不合理

## package 包过时

"koa-proxy": "^0.6.0" `

将 koa-proxy 升级到最新版本，基于 Promise 对象。

"koa-convert": "^1.2.0"

koa-proxy 升级后，不再需要 koa-convert 包。

## 语法错误

app/lib/controllers/common/index.js

```
1  async function getDataDictionary(ctx) {
2      try {
3          const models = ctx.fs.dc.models;
4          const { model } = ctx.params;
5          const { where, attributes } = ctx.query;
6          let findObj = {};
7          if(attributes) {
8              attributes = attributes.split(','); // 修改 const 变量，且该变量为查
          询参数
```

app/lib/controllers/company/index.js

```

1 resources.map(s => { // 改用 forEach
2     if (!s.parentResource) {
3         let children = []
4         resources.map(l => {
5             l.parentResource == s.code ?
6                 children.push({
7                     "id": l.code,
8                     "name": l.name,
9                     "available": roleResource.some(role => role.resource ==
10                    l.code),
11                    "expanded": true,
12                    "children": []
13                }) : ''

```

app/lib/controllers/customer/index.js

```

1 obj[next.saler] ? "" : obj[next.saler] = true && cur.push(next); // "" 和 true
  的意义在哪儿?

```

app/lib/controllers/rpm-project/index.js

```

1 stateText: stateText || stateText, // 相同变量进行 或 操作

```

app/lib/models/inventory.js

```

1 code: { // 数据库表 code 字段重复定义, 可使用 sequelize-automate 自动化生成, 避免该类
  问题
2     type: DataTypes.STRING,
3     allowNull: false,
4     defaultValue: null,
5     comment: "清单编号",
6     primaryKey: false,
7     field: "code",
8     autoIncrement: false
9 },

```

## 代码逻辑不合理

app/lib/controllers/construction-log/index.js

```

1 if (judgeRslt) {
2     where.roleId == -1; // 若返回结果为[], 直接返回即可, 不需要走数据库查询
3 } else {
4     where.roleId == { $in: roles };
5 }
6 let rslt = { rows: [], count: 0 };
7 rslt = await models.MonthStatistics.findAndCountAll({
8     where: where,
9 });

```

app/lib/controllers/rpm-project/detail.js

```

1  await models.FollowupRecord.create({
2    itemId: Number(id),
3    createTime: moment(),
4    cause,
5    competitor, fundsSufficient, planAgreed, stateText, problemAnalysis,
6    nextTodo, remarks, // remarks 已引用
7    stateId, groundTime, amountMoney, remarks, createUserId, bidding //
  }, { transaction });

```

app/lib/controllers/rpm-project/index.js

```

1  module.exports = {
2    getProjectIndustry,
3    getProjectType,
4    getProjectLevel,
5    getProjectSucess,
6    postRpmProject,
7    putRmpProject,
8    delRmpProject,
9    getRmpProject,
10   changeSale,
11   getRmpProjectEstablishment,
12   rmpProjectEstablishment,
13   rmpProjectEstablishmentCancel,
14   getRmpProjectAchievement,
15   rmpProjectAchievement,
16   rmpProjectAchievementCancel,
17   getRmpRealetionList,
18   postRmpRealetion,
19   putRmpRealetion,
20   delRmpRealetion,
21   getRmpToRealetionList,
22   getRmpRealetionCheckName,
23   checkRmpAchievementCode, // checkRmpAchievementCode 已导出
24   addSubProject,
25   modifySubproject,
26   delSubproject,
27   checkRmpAchievementCode, // checkRmpAchievementCode 重复导出, 改用在函数定义
    时直接导出, 避免此类问题

```

app/lib/controllers/rpm-project/report-achievement.js

```

1  let actualAchievement = 0;
2  if (actualAchievementRes.length > 0) {
3    actualAchievementRes.map(v => { // 典型的 reduce 用法
4      actualAchievement += number(v.actualAchievement);
5    })
6  })
7
8  // 以下, 代码可整合复用
9
10 let rpmPerformance = 0;
11 let rpmPerformanceRes = groundTimeItems.filter(v => v.salespersonId ==
    val.id);
12 if (rpmPerformanceRes.length > 0) {

```

```
13     rpmPerformanceRes.map(v => {
14         rpmPerformance += number(v.amountMoney) * 10000;
15     })
16 }
17
18 let contractMoney = 0;
19 if (contractMoneyRes.length > 0) {
20     contractMoneyRes.map(v => {
21         contractMoney += number(v.contractMoney);
22     });
23 }
24
25 let actualAchievement = 0;
26 if (actualAchievementRes.length > 0) {
27     actualAchievementRes.map(v => {
28         actualAchievement += number(v.actualAchievement);
29     })
30 }
31
32 let actualCollectionRes = accountsReceiptDateItems.filter(v =>
v.salespersonId == val.id);
33 let actualCollection = 0;
34 if (actualCollectionRes.length > 0) {
35     actualCollectionRes.map(v => {
36         actualCollection += number(v.receipts);
37     })
38 }
```