

## 技术框架

## 运行环境

- Java 版本 1.8.0 及以上 (支持 GraalVM)
- Spring Boot 版本 2.0 及其以上
- 浏览器要求 IE11 及以上, 或其他现代浏览器
- 服务器配置 1 核、1G 即可

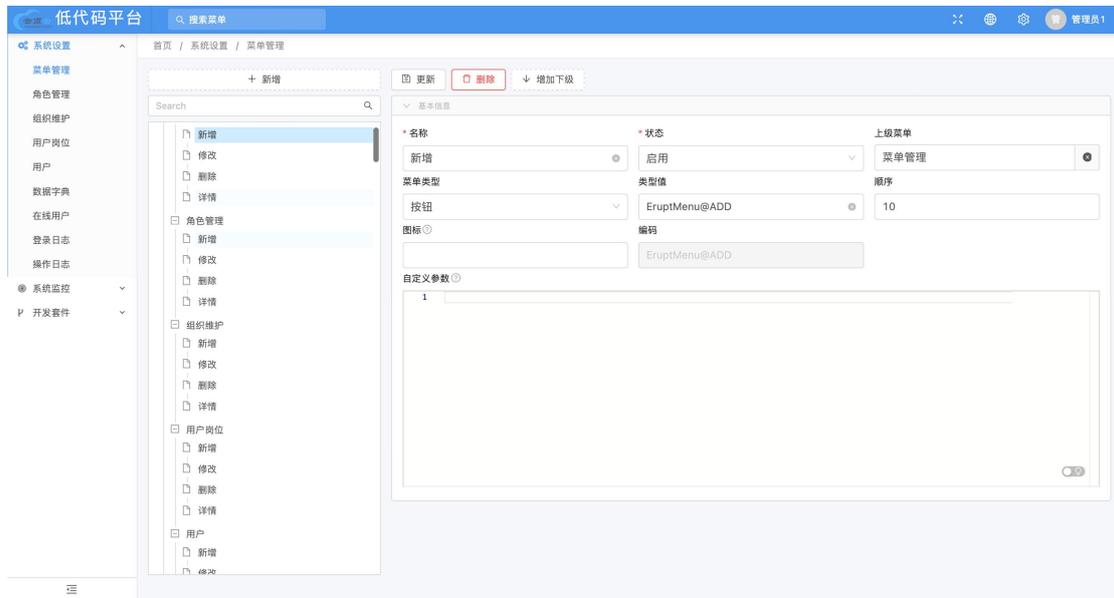
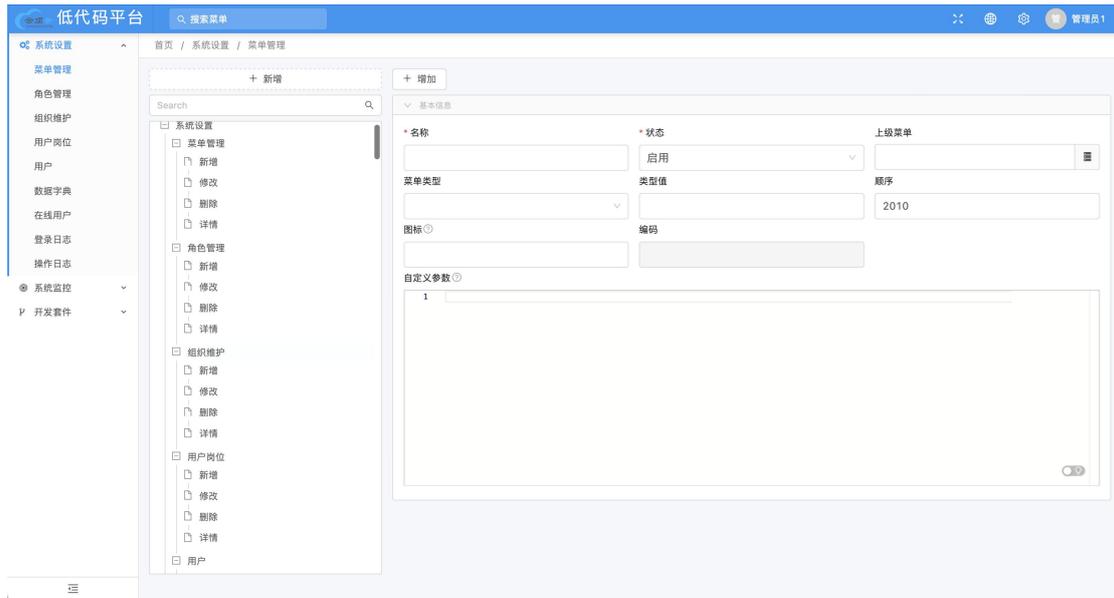
## 软件操作说明

### 1 系统设置

- 菜单维护

主要对系统菜单进行管理, 包括创建菜单及菜单功能, 包括菜单增删改查功能, 设置菜单对应功能按钮, 配置对应编码参数。

支持平台管理自行配置菜单功能。



## ● 角色维护

系统设置不同角色及角色权限,支持角色的增删改查;设置角色的菜单权限,选择系统用户分配角色,支持角色状态修改。

低代码平台 搜索菜单 管理员1

系统设置 首页 / 系统设置 / 角色管理

+ 新增 删除 查询 表格列控制

| 编码       | 名称    | 状态 | 操作权限 | 菜单权限 | 包含用户 | 操作           |
|----------|-------|----|------|------|------|--------------|
| 10102222 | 管理员   | 启用 |      |      |      | 👁️   ✎️   🗑️ |
| 10103333 | 超级管理员 | 启用 |      |      |      | 👁️   ✎️   🗑️ |

共 2 条 < 1 > 10 条/页 跳至 页

系统设置  
 菜单管理  
 角色管理  
 组织维护  
 用户岗位  
 用户  
 数据字典  
 在线用户  
 登录日志  
 操作日志  
 系统监控  
 开发套件

低代码平台 搜索菜单 管理员1

系统设置 首页 / 系统设置 / 角色管理

+ 新增 删除

**新增**

\*编码  \*名称  \*状态  启用  禁用

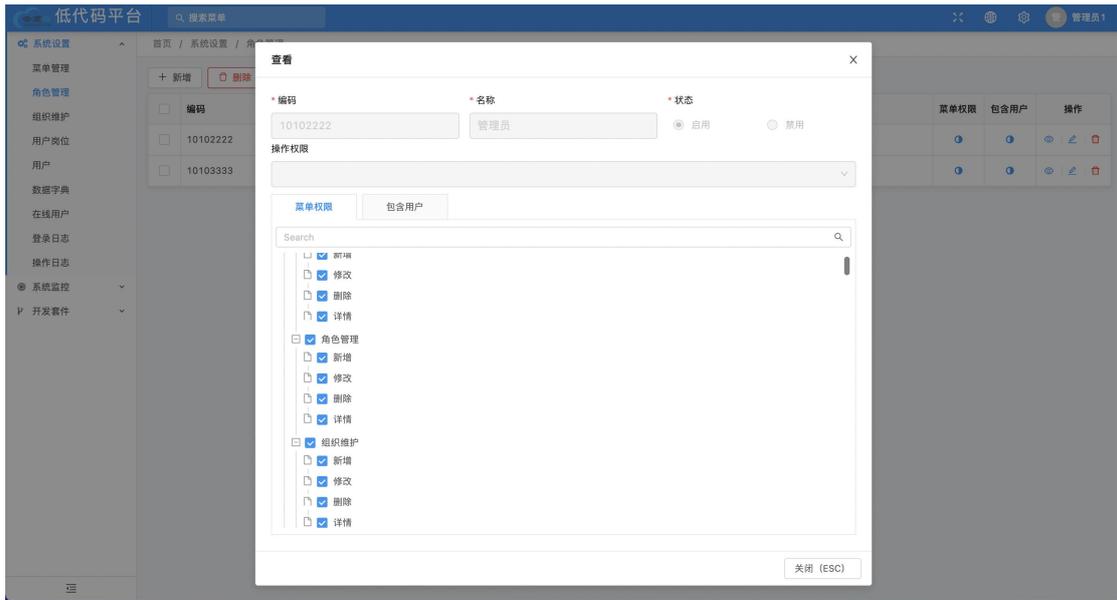
操作权限

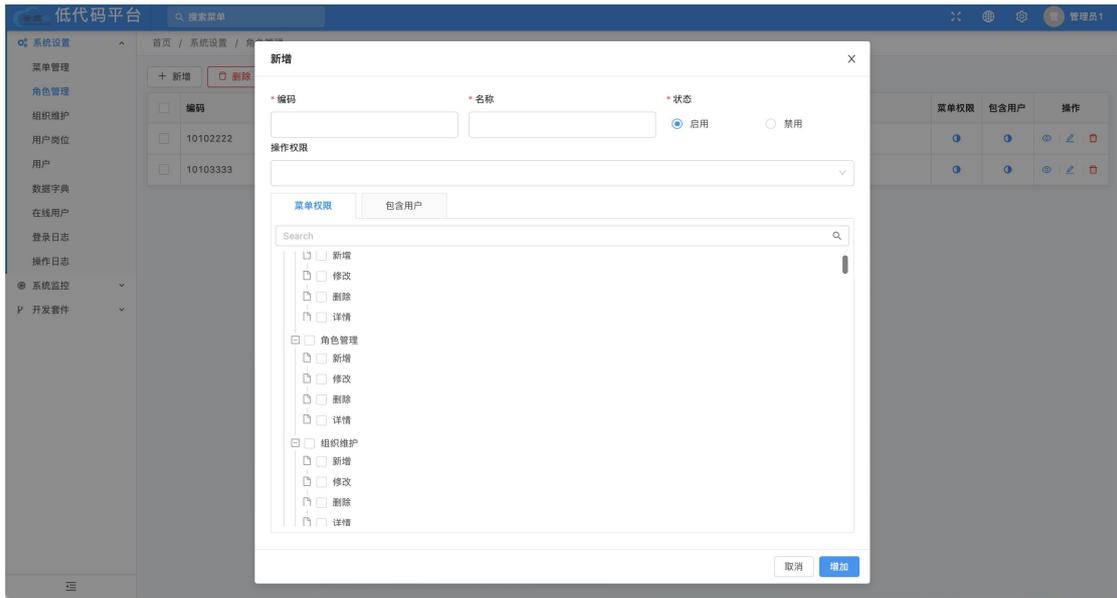
菜单权限  包含用户

+ 新增 删除

| 用户名  | 姓名 | 账户状态 | 手机号码 | 邮箱 | 首页地址 | 操作 |
|------|----|------|------|----|------|----|
| 暂无数据 |    |      |      |    |      |    |

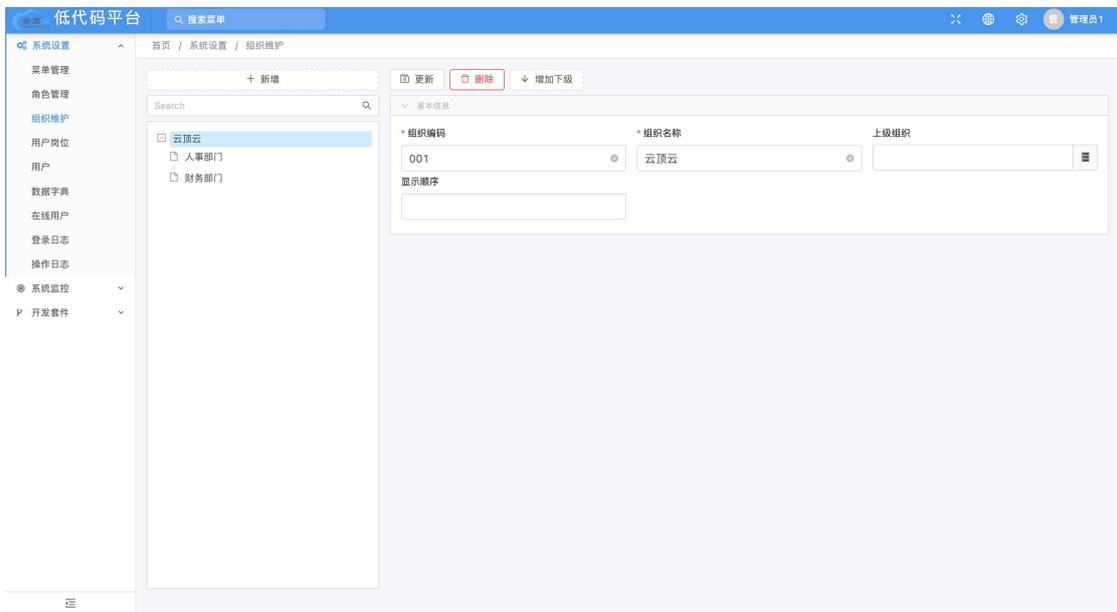
取消 增加

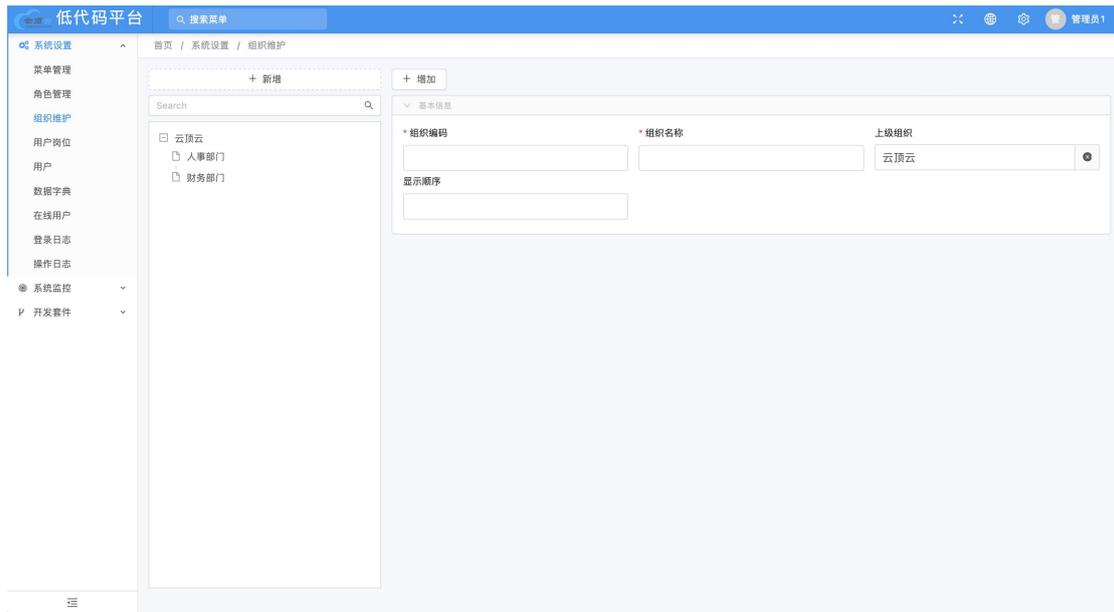




## ● 组织维护

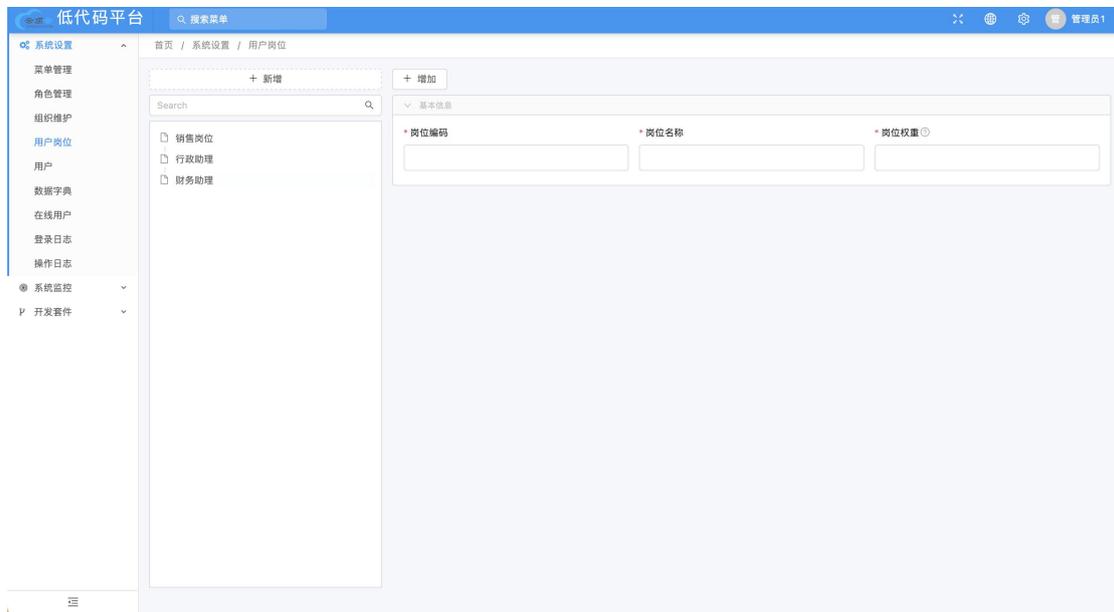
进行系统组织架构管理，设置组织部门层级，显示顺序，新增组织及下级部门，编辑组织部门顺序。

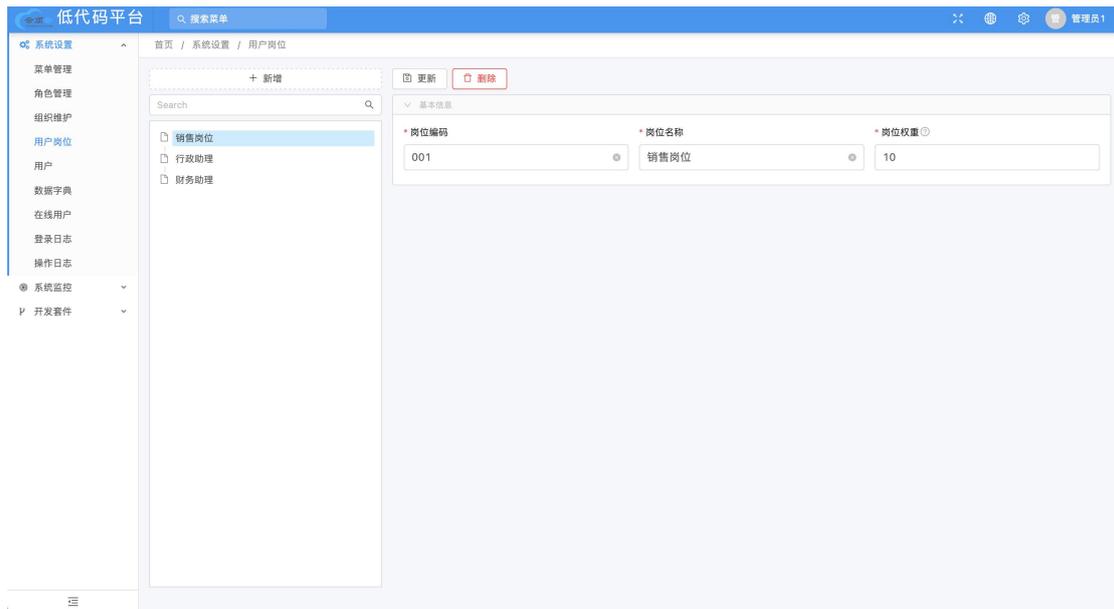




## ● 岗位维护

主要对岗位进行管理维护，新增岗位，修改岗位信息，岗位信息可用于用户属性。

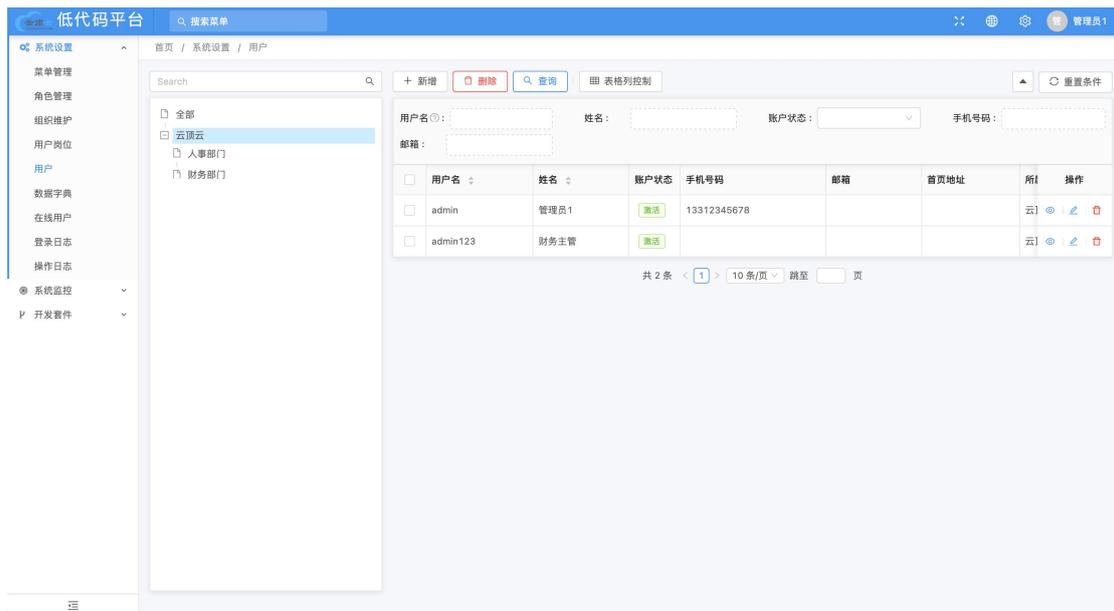




## ● 用户

左侧显示组织架构层级，右侧为对应组织部门下的用户，进行用户的新增、修改、删除和查询功能

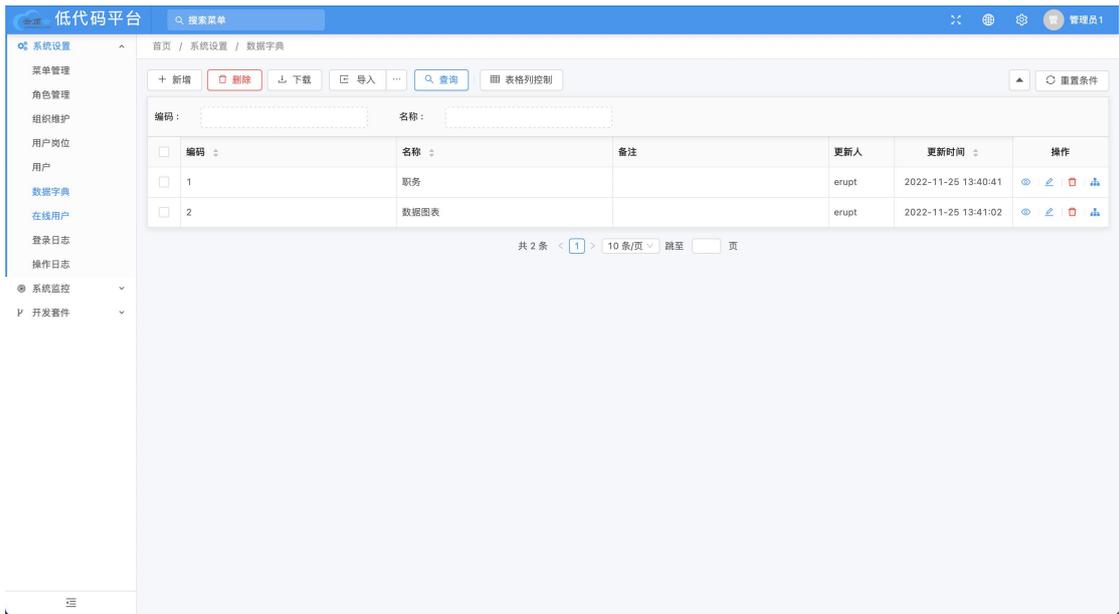
创建用户信息，包括用户名、姓名、所属组织部门、初始密码、用户角色选择，设定账号的状态等信息。





## ● 数据字典

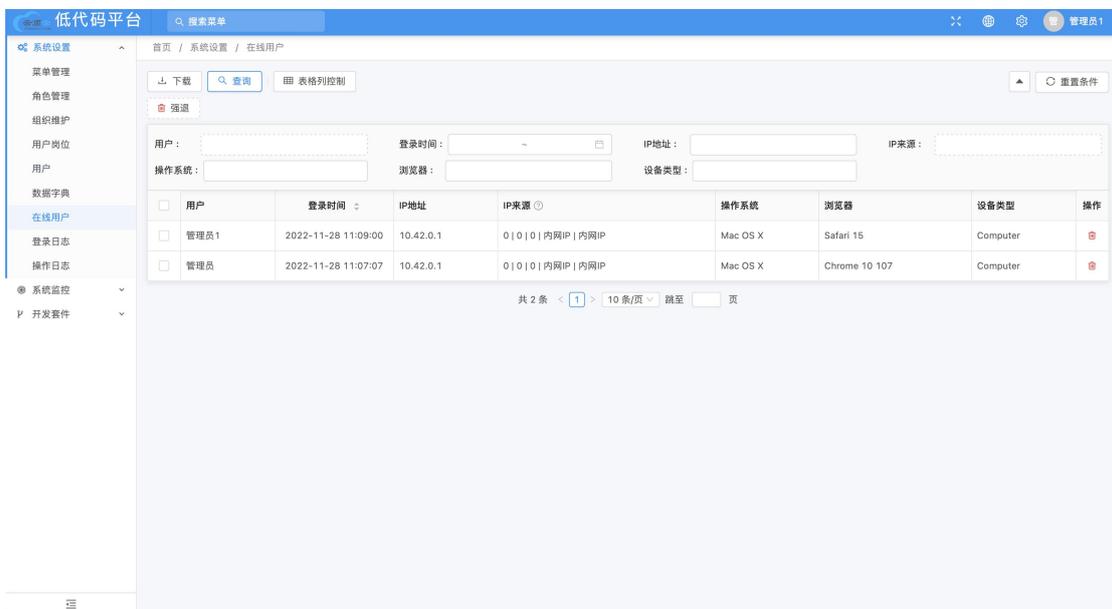
通常用于管理结构简单 (key-value) 的平台数据, 例如: 民族、国家、HTTP 请求类型、协议类型等。





## ● 在线用户

显示当前在线的用户信息，包括登录时间、IP 地址、IP 来源，操作系统、设备类型等信息。支持下载列表信息



## ● 登录日志

记录用户登录信息、包括登录时间、登录 IP，操作系统，浏览器等数据。

低代码平台 搜索菜单

系统设置 / 登录日志

下载 查询 表格列控制 重置条件

用户: 登录时间: IP地址: IP来源:

操作系统: 浏览器: 设备类型:

| 用户   | 登录时间                | IP地址      | IP来源            | 操作系统       | 浏览器           | 设备类型     |
|------|---------------------|-----------|-----------------|------------|---------------|----------|
| 管理员1 | 2022-11-28 11:09:00 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 管理员1 | 2022-11-28 11:08:14 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 管理员  | 2022-11-28 11:07:07 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Chrome 10.107 | Computer |
| 管理员  | 2022-11-28 11:06:34 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 管理员  | 2022-11-28 11:06:10 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 财务主管 | 2022-11-28 11:04:47 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 管理员  | 2022-11-28 11:04:16 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Chrome 10.107 | Computer |
| 管理员  | 2022-11-25 19:36:53 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Windows 10 | Chrome 10.105 | Computer |
| 财务主管 | 2022-11-25 17:45:39 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Mac OS X   | Safari 15     | Computer |
| 管理员  | 2022-11-25 17:37:24 | 10.42.0.1 | 0 0 0 内网IP 内网IP | Windows 10 | Chrome 10.105 | Computer |

共 98 条 < 1 2 3 4 5 ... 10 > 10 条/页 跳至 页

## ● 操作日志

记录平台下所有用户的操作行为，记录操作日志，包括操作人、IP 地址、IP 来源、功能名称、请求参数、是否成功、请求耗时等信息，支持下载。

低代码平台 搜索菜单

系统设置 / 操作日志

查询 表格列控制 重置条件

操作人: IP地址: IP来源: 功能名称:

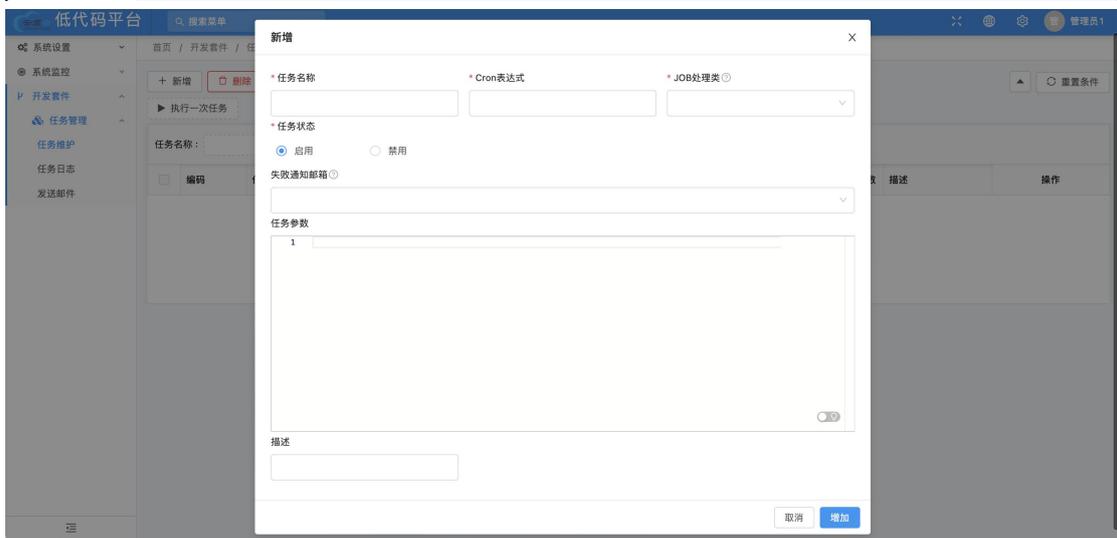
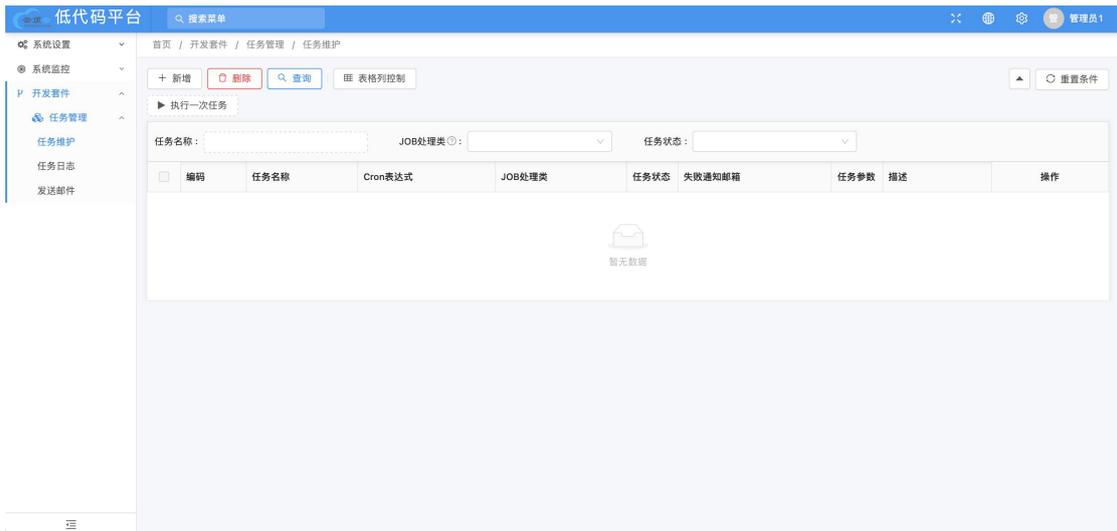
是否成功: 请求耗时: 记录时间:

| 操作人  | IP地址      | IP来源            | 功能名称    | 请求参数 | 是否成功 | 错误信息 | 请求耗时 | 记录时间                |
|------|-----------|-----------------|---------|------|------|------|------|---------------------|
| 管理员1 | 10.42.0.1 | 0 0 0 内网IP 内网IP | 新增 菜单管理 | <>   | 是    |      | 3ms  | 2022-11-28 11:16:15 |
| 管理员  | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 角色管理 | <>   | 是    |      | 71ms | 2022-11-28 11:08:47 |
| 管理员  | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 用户   | <>   | 是    |      | 35ms | 2022-11-28 11:07:56 |
| 管理员  | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 用户   | <>   | 是    |      | 51ms | 2022-11-28 11:07:38 |
| 财务主管 | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 应用参数 | <>   | 是    |      | 19ms | 2022-11-25 17:48:52 |
| 财务主管 | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 应用参数 | <>   | 是    |      | 26ms | 2022-11-25 17:48:45 |
| 财务主管 | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 菜单管理 | <>   | 是    |      | 38ms | 2022-11-25 15:54:23 |
| 财务主管 | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 菜单管理 | <>   | 是    |      | 44ms | 2022-11-25 15:53:54 |
| 管理员  | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 用户角色 | <>   | 是    |      | 87ms | 2022-11-25 15:31:09 |
| 管理员  | 10.42.0.1 | 0 0 0 内网IP 内网IP | 修改 用户   | <>   | 是    |      | 42ms | 2022-11-25 15:30:09 |

共 75 条 < 1 2 3 4 5 6 7 8 > 10 条/页 跳至 页

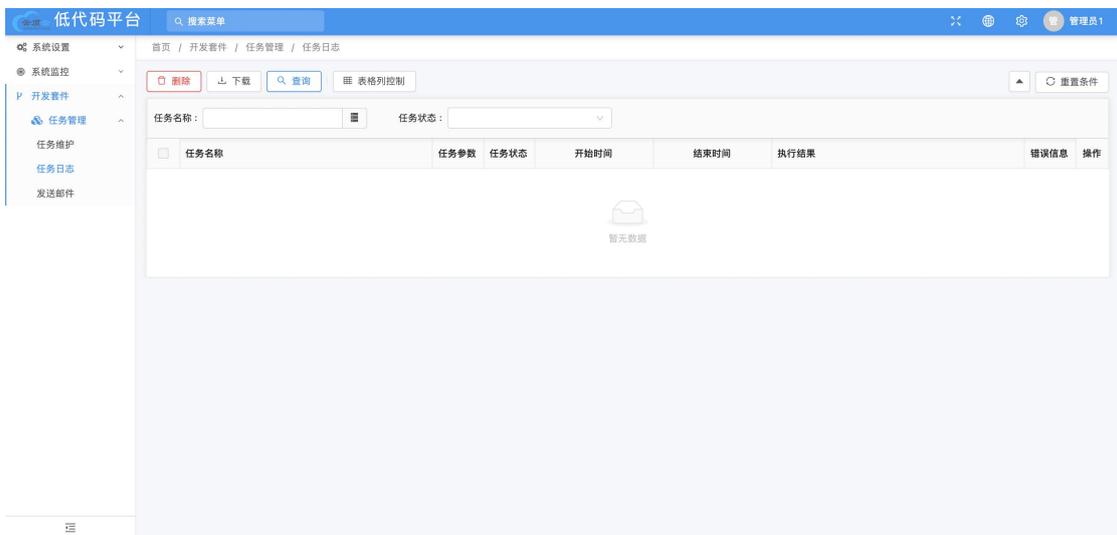
## 2 任务管理

### ● 任务维护



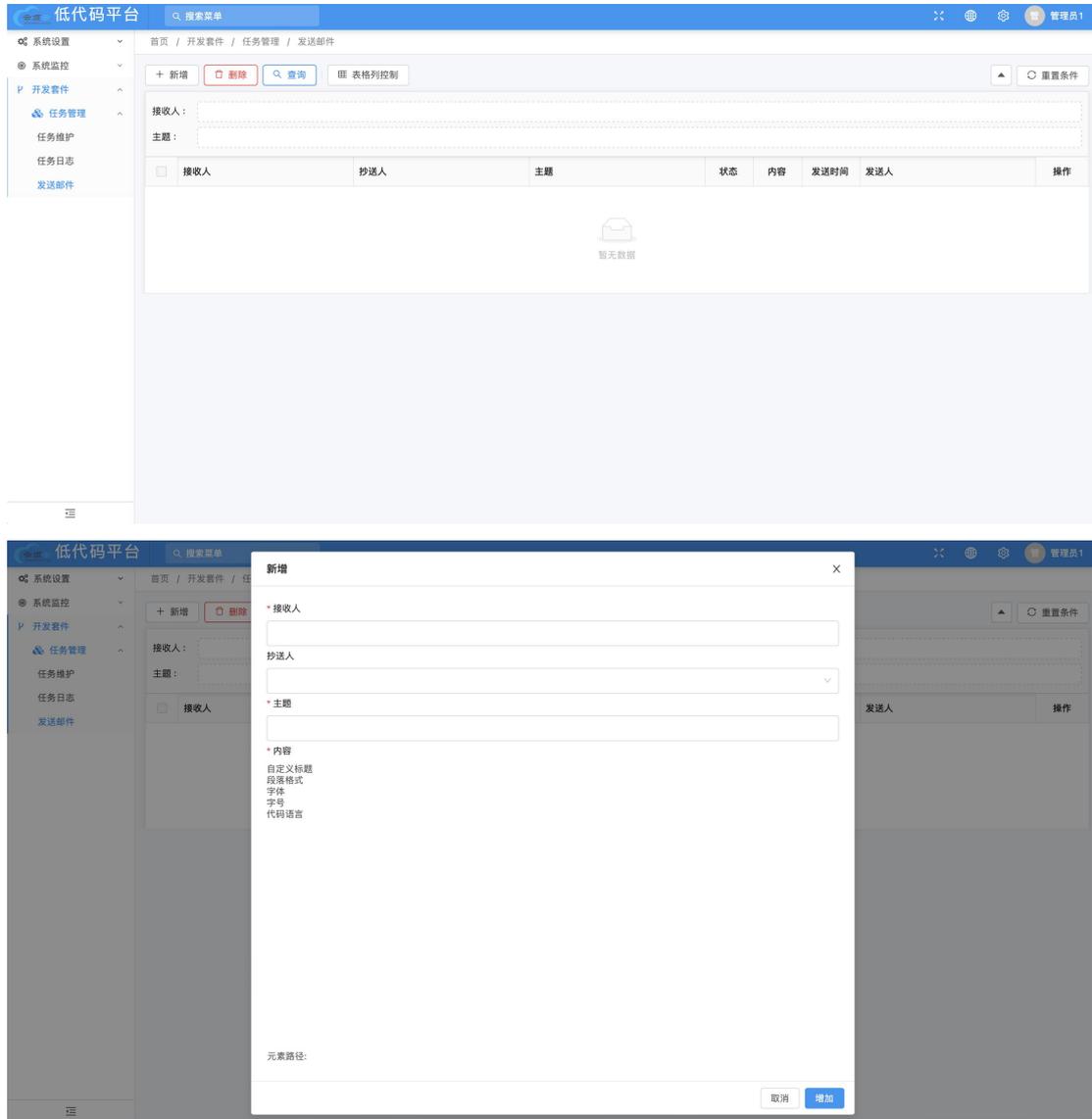
## ● 任务日志

可查看任务的执行时间，执行参数，任务状态等重要信息



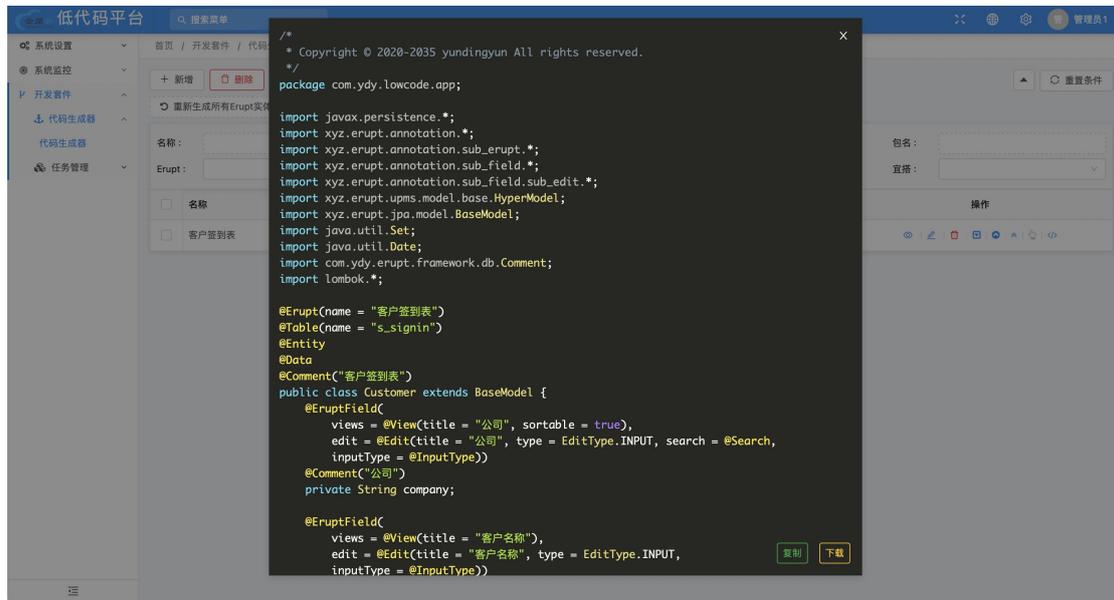
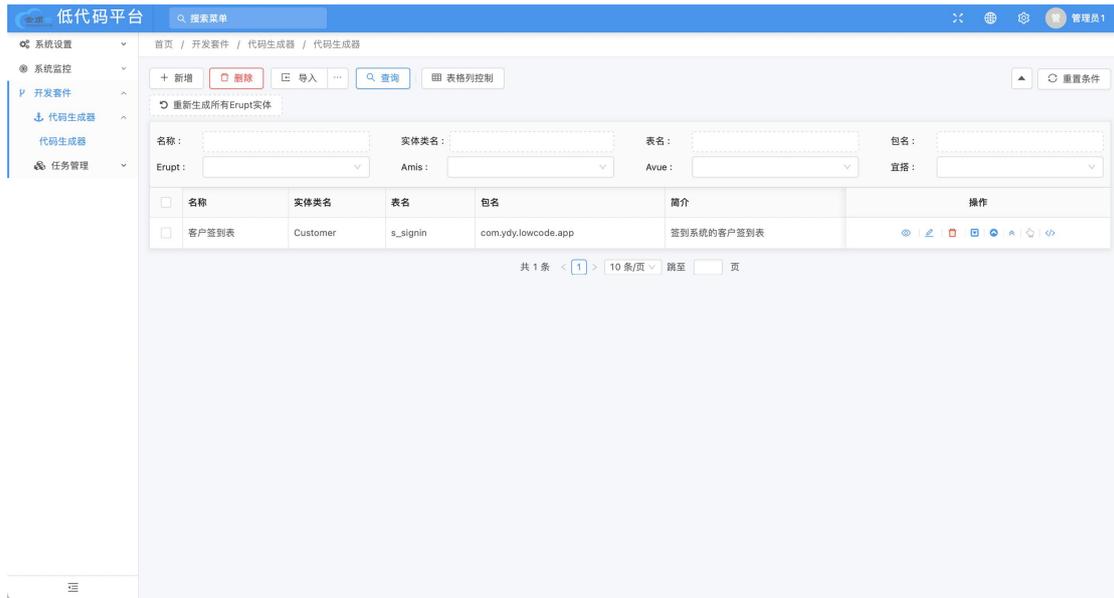
## ● 发送邮件

application.yml 中配置的邮箱作为发送者，支持发送富文本内容到指定邮箱。



## 3 代码生成器

将生成的代码，复制或下载添加到项目中，重启项目，将类添加到菜单即可。

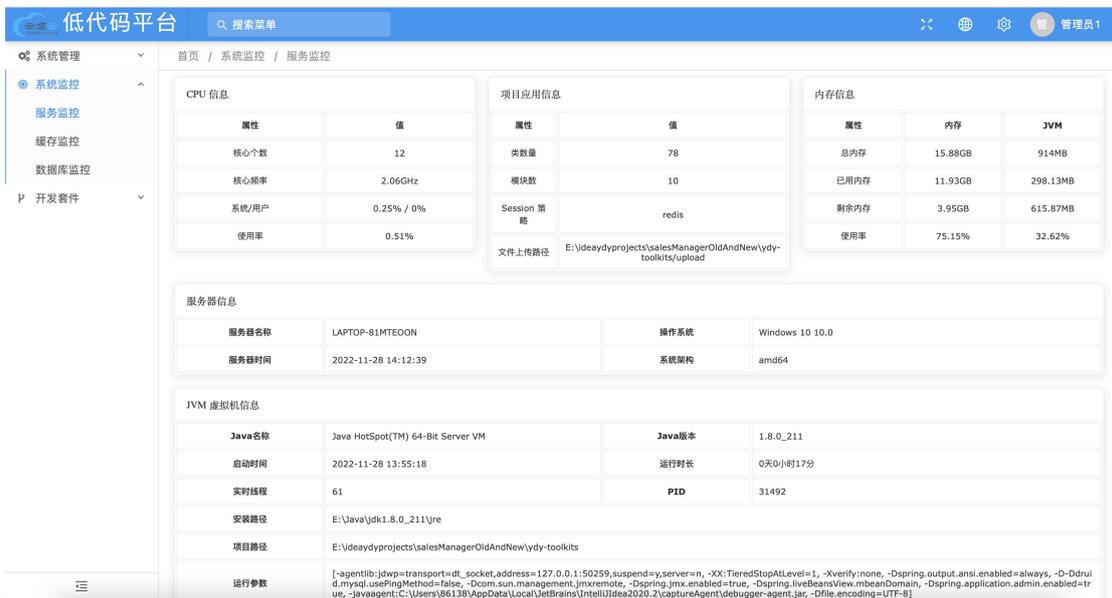




## 4 服务器监控

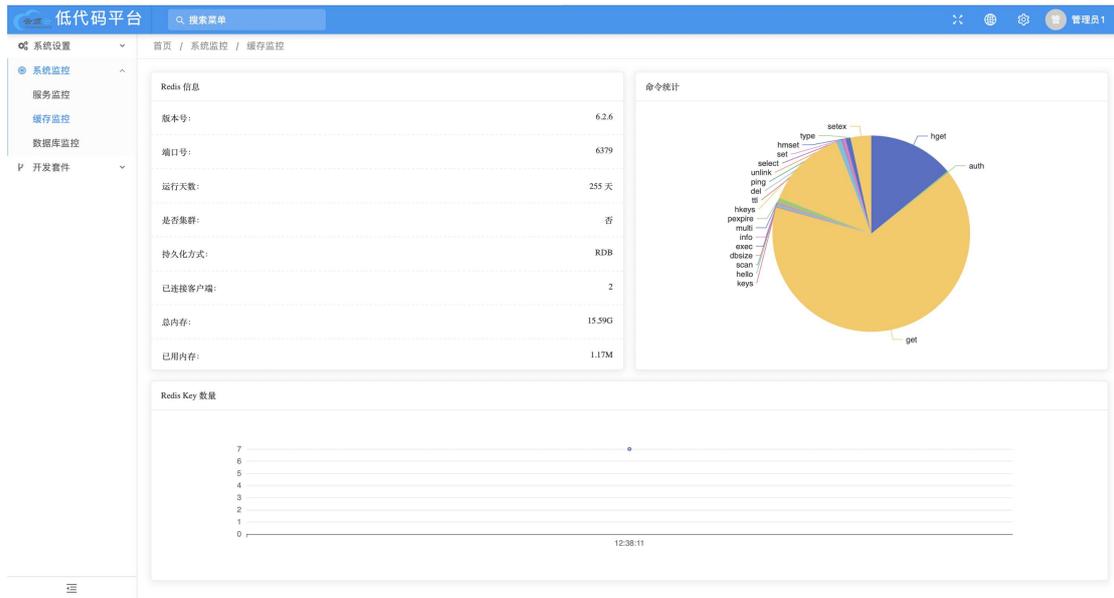
### ● 服务监控

可监控服务器的 CPU、内存、磁盘等的各项信息和实时使用率



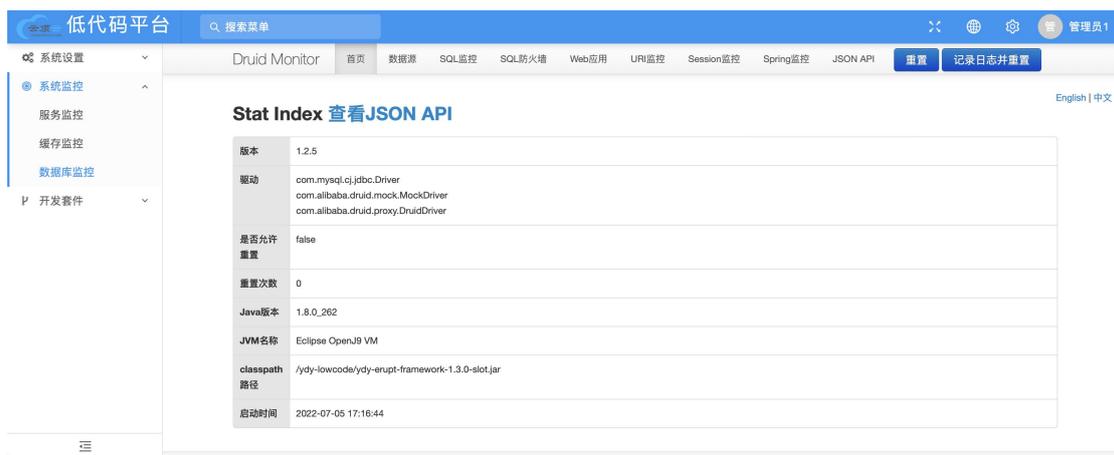
### ● 缓存监控

可监控缓存的各项信息以及实时占用内存和缓存 key 数量



## ● 数据库监控

能够监控并详细统计 SQL 的执行性能，可以记录 SQL 执行日志。



低代码平台 搜索菜单

Druid Monitor 首页 数据源 SQL监控 SQL防火墙 Web应用 URI监控 Session监控 Spring监控 JSON API 重置 记录日志并重置

### DataSourceStat List View JSON API

DataSource-87213467

#### Basic Info For DataSource-87213467 View JSON API

|                     |  |                    |
|---------------------|--|--------------------|
| * 用户名               | root   | 指定建立连接时使用的用户名      |
| * 连接地址              | jdbc:mysql://192.168.3.30:3306/ydy_launcher?useSSL=false&useUnicode=true&characterEncoding=utf-8&zeroDateTimeBehavior=convertToNull&transformedBitsBoolean=true&serverTimezone=GMT%2B8&nullCatalogMeansCurrent=true&allowPublicKeyRetrieval=true | JDBC连接字符串          |
| * 数据库类型             | mysql  | 数据库类型              |
| * 驱动类名              | com.mysql.cj.jdbc.Driver   | JDBC驱动的名称          |
| * filter类名          | com.alibaba.druid.filter.stat.StatFilter   | filter的类名          |
| * 获取连接时检测           | false  | 是否在获得连接后检测其可用性     |
| * 空闲时检测             | true   | 是否在连接空闲一段时间后检测其可用性 |
| * 连接放回连接池时检测        | false  | 是否在连接放回连接池后检测其可用性  |
| * 初始化连接大小           | 1  | 连接池建立时创建的初始化连接数    |
| * 最小空闲连接数           | 3  | 连接池中最小空闲连接数        |
| * 最大连接数             | 20   | 连接池中最大空闲连接数        |
| * 查询超时时间            | 0  | 查询超时时间             |
| * 事务查询超时时间          | 0  | 事务查询超时时间           |
| * 登录超时时间            | 0  |                    |
| * 连接有效性检查类名         | com.alibaba.druid.vendor.MySqlValidConnectionChecker   |                    |
| * ExceptionSorter类名 | com.alibaba.druid.vendor.MySqlExceptionSorter  |                    |
| * 默认autocommit设置    | true   |                    |
| * 默认只读设置            | null   |                    |

低代码平台 搜索菜单

Druid Monitor 首页 数据源 SQL监控 SQL防火墙 Web应用 URI监控 Session监控 Spring监控 JSON API 重置 记录日志并重置

### SQL Stat View JSON API

刷新时间 5s 暂停刷新

| N  | SQL Y                        | 执行数 | 执行时间 | 最慢 | 事务执行 | 错误数 | 更新行数 | 读取行数 | 执行中 | 最大并发 | 执行时间分布 [-----]      | 执行+耗时分布 [-----]     | 读取行分布 [-----]  | 更新行分布 [-----]   |
|----|------------------------------|-----|------|----|------|-----|------|------|-----|------|---------------------|---------------------|----------------|-----------------|
| 1  | UPDATE ydy_options SET op... | 2   |      |    | 2    |     | 2    |      |     | 1    | [2.0,0.0,0.0,0.0]   | [2.0,0.0,0.0,0.0]   | [2.0,0.0,0.0]  | [0.2,0.0,0.0]   |
| 2  | UPDATE ydy_jdasa_ak SET a... | 1   |      |    | 1    |     | 1    |      |     | 1    | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0]  | [0.1,0.0,0.0]   |
| 3  | UPDATE ydy_exception SET ... | 150 | 132  | 1  | 150  |     | 150  |      |     | 1    | [143.7,0.0,0.0,0.0] | [143.7,0.0,0.0,0.0] | [150,0.0,0.0]  | [0.150,0.0,0.0] |
| 4  | UPDATE e_upms_user SET cr... | 11  | 6    | 1  | 11   | 2   | 9    |      |     | 1    | [10.1,0.0,0.0,0.0]  | [10.1,0.0,0.0,0.0]  | [9,0.0,0.0]    | [0.9,0.0,0.0]   |
| 5  | UPDATE e_upms_post SET co... | 1   |      |    | 1    |     | 1    |      |     | 1    | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0]  | [0.1,0.0,0.0]   |
| 6  | UPDATE e_upms_menu SET cr... | 5   | 1    |    | 5    |     | 5    |      |     | 1    | [5.0,0.0,0.0,0.0]   | [5.0,0.0,0.0,0.0]   | [5.0,0.0,0.0]  | [0.5,0.0,0.0]   |
| 7  | UPDATE e_dict SET create_... | 1   |      |    | 1    |     | 1    |      |     | 1    | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0]  | [0.1,0.0,0.0]   |
| 8  | UPDATE blade_visual SET c... | 4   | 15   | 13 | 4    | 4   |      |      |     | 1    | [3.0,1.0,0.0,0.0]   | [3.0,1.0,0.0,0.0]   | [0.0,0.0,0.0]  | [0.0,0.0,0.0]   |
| 9  | SELECT visualmap0_kj AS ...  | 70  | 221  | 7  | 70   |     |      | 210  |     | 1    | [0.70,0.0,0.0,0.0]  | [0.70,0.0,0.0,0.0]  | [70,0.0,0.0]   | [70.0,0.0,0.0]  |
| 10 | SELECT visualmap0_data A...  | 2   | 5    | 2  |      |     |      | 6    |     | 1    | [0.2,0.0,0.0,0.0]   | [0.2,0.0,0.0,0.0]   | [0.2,0.0,0.0]  | [0.2,0.0,0.0]   |
| 11 | SELECT visualb0_url AS ...   | 2   |      |    |      |     |      | 8    |     | 1    | [2.0,0.0,0.0,0.0]   | [2.0,0.0,0.0,0.0]   | [2.0,0.0,0.0]  | [0.2,0.0,0.0]   |
| 12 | SELECT visualb0_id AS L...   | 46  | 42   | 3  | 46   |     |      | 184  |     | 1    | [30.16,0.0,0.0,0.0] | [46.0,0.0,0.0,0.0]  | [0.46,0.0,0.0] | [46.0,0.0,0.0]  |
| 13 | SELECT visualconf0_kj AS...  | 68  | 112  | 6  |      |     |      | 67   |     | 1    | [10.58,0.0,0.0,0.0] | [68.0,0.0,0.0,0.0]  | [1.67,0.0,0.0] | [68.0,0.0,0.0]  |
| 14 | SELECT visualcate0_kj AS...  | 20  | 12   | 1  | 20   |     |      | 40   |     | 1    | [17.3,0.0,0.0,0.0]  | [20.0,0.0,0.0,0.0]  | [0.20,0.0,0.0] | [20.0,0.0,0.0]  |
| 15 | SELECT visualcate0_cate...   | 2   |      |    |      |     |      | 4    |     | 1    | [2.0,0.0,0.0,0.0]   | [2.0,0.0,0.0,0.0]   | [0.2,0.0,0.0]  | [0.2,0.0,0.0]   |
| 16 | SELECT visual0_password ...  | 5   | 1    |    |      |     |      | 50   |     | 1    | [5.0,0.0,0.0,0.0]   | [5.0,0.0,0.0,0.0]   | [0.5,0.0,0.0]  | [5.0,0.0,0.0]   |
| 17 | SELECT visual0_password ...  | 1   |      |    |      |     |      | 1    |     | 1    | [1.0,0.0,0.0,0.0]   | [1.0,0.0,0.0,0.0]   | [0.1,0.0,0.0]  | [1.0,0.0,0.0]   |
| 18 | SELECT visual0_id AS id1...  | 4   | 2    |    | 4    |     |      | 4    |     | 1    | [4.0,0.0,0.0,0.0]   | [4.0,0.0,0.0,0.0]   | [0.4,0.0,0.0]  | [4.0,0.0,0.0]   |
| 19 | select visual0_id as id1...  | 69  | 45   | 2  | 68   |     |      | 69   |     | 1    | [69.10,0.0,0.0,0.0] | [69.0,0.0,0.0,0.0]  | [0.69,0.0,0.0] | [69.0,0.0,0.0]  |
| 20 | SELECT visual0_id AS id1...  | 5   | 2    |    | 5    |     |      | 90   |     | 1    | [5.0,0.0,0.0,0.0]   | [5.0,0.0,0.0,0.0]   | [0.5,0.0,0.0]  | [5.0,0.0,0.0]   |