

# 怎样 RESTful API Doc

===

## Overview

怎样，采用的框架方案为后端框架[CodeIgniter](#)加前端框架[AngularJS](#)的组合，前后端框架的信息交换通过**RESTful API**，具体为[codeigniter-restserver](#)，本文档即为**API描述文档**。文档内容以页面功能划分和组织。

\*

## 登录/注册/登出

---

### 1.[POST] `index.php/signup/basic`

param:

none

post names:

`email password firstname lastname`

response:

```
{state:'success'}
{state:'fail', detail:'emailInvalid'} //非法email地址
{state:'fail', detail:'emailOccupied'} //email已注册
{state:'fail', detail:'emailRequire'} //没有输入邮箱
{state:'fail', detail:'passwordLength'} //非法密码长度(6-16)
{state:'fail', detail:'passwordInvalid'} //非法密码字符(字母数字下划线)
{state:'fail', detail:'passwordRequire'} //没有输入密码
{state:'fail', detail:'firstnameLength'} //非法名长度(8-char max)
{state:'fail', detail:'firstnameRequire'} //没有输入
{state:'fail', detail:'lastnameLength'} //非法姓长度(8-char max)
```

```
{state:'fail', detail:'lastnameRequire'} //没有输入
{state:'fail', detail:'nameLength'} //非法姓名长度(12-char max)
{state:'fail', detail:'nameInvalid'} //非法姓名字符(字母中文)
```

---

## 2.[POST] `index.php/signup/info`

param:

none

post names:

```
gender //'M' for male & 'F' for female
occupation //'S' for student & 'W' for non-student
bio //一句话描述(optional)
```

response:

```
{state:'success'}
{state:'fail', detail:'Unlogin'} //没有登陆
{state:'fail', detail:'genderRequire'} //没有选
{state:'fail', detail:'occupationRequire'} //没有选
{state:'fail', detail:'bioLength'} //非法个人描述长度(40-char max)
{state:'fail', detail:'bioInvalid'} //非法个人描述字符(字母中文常用标点)
```

---

## 3.[POST] `index.php/signup/more`

param:

none

post names:

```
province college major year // for student
province company position // for non-student
```

response:

```
{state:'success'}
{state:'fail', detail:'Unlogin'} //没有登陆
{state:'fail', detail:'provinceInvalid'} //非法城市名字符(字母中文 下同)
{state:'fail', detail:'collegeInvalid'}
{state:'fail', detail:'majorInvalid'}
{state:'fail', detail:'companyInvalid'}
{state:'fail', detail:'positionInvalid'}
{state:'fail', detail:'yearInvalid'} //非法入学年份(数字 1900-2100)
```

```
{state:'fail', detail:'provinceLength'} //非法城市名长度(30-char max 下同)
{state:'fail', detail:'collegeLength'}
{state:'fail', detail:'majorLength'}
{state:'fail', detail:'companyLength'}
{state:'fail', detail:'positionLength'}
{state:'fail', detail:'provinceRequire'} //没有选，以下同
{state:'fail', detail:'collegeRequire'}
{state:'fail', detail:'majorRequire'}
{state:'fail', detail:'yearRequire'}
{state:'fail', detail:'companyRequire'}
{state:'fail', detail:'positionRequire'}
```

---

## 4.[GET] `index.php/signup/provincelist`

param:

none

response:

```
['上海市','北京市',...]
```

---

## 5.[GET] `index.php/signup/collegelist/param1`

param:

param1: provincename eg. 上海

response:

```
['上海交通大学','复旦大学',...]
```

---

## 6.[GET] `index.php/signup/majorlist/param1`

param1:

param: college eg.上海交通大学

response:

```
['计算机科学','土木工程',...]
```

---

## 7.[GET] `index.php/signup/companylist/param1`

param:

`param1: provincename` eg. Shanghai

response:

`['百度', '阿里巴巴', ...]`

---

## 8.[GET] `index.php/signup/positionlist`

param:

none

response:

`['首席执行官(CEO)', '项目经理(PM)', '教授', '副教授', ...]`

---

## 9.[POST] `index.php/log/login`

param:

none

post names:

`email password`

response:

`{state:'success'}`  
`{state:'fail', detail:'emailNotExist'} //邮箱未注册`  
`{state:'fail', detail:'pswWrong'} //密码错误`  
`{state:'fail', detail:'wait15Min'} //封15分钟`

---

## 10.[GET] `index.php/log/logout`

praram:

none

response:

```
{state: 'success'}
```

---

---

## 首页

---

---

## 1.[GET] `index.php/home/question_date_list/param1/param2` 按问题时间顺序排列

param:

param1: limit => 每页显示数目

param2: offset => 下一道题目的偏移量

response:

```
{'state': 'fail', 'detail': 'Unlogin'}

{ 0 => (

    id => 问题id

    title => 提问标题

    uid => 提问者id

    realname => 提问者名字

    location => 提问者头像路径

    follow => (Y/N)当前用户是否关注此问题

    follow_num => 有多少人关注此问题

    view_num => 有多少人游览过此问题
```

```

        answer_num => 有多少人回答此问题

        date => 提问时间

        best_answer => 最佳答案(

            id => 回答id

            content => 回答内容

            uid =>回答者id

            realname => 回答者名字

            location => 回答者头像路径

            mygood => (-1,0,1) 当前用户是否评价了

            good => 膜拜数

            bad => 呵呵数

            date => 回答时间

        )

    ),

    1 => (同上),

    2 => ...}

```

## 2.[GET] `index.php/home/question_day_list` 当日精华

param:

none

## 3.[GET] `index.php/home/question_day_list` 关注的话题

param:

none

# 私信系统

---

## 1.[GET] index.php/letter/letter\_notify 私信提示

param:

none

response:

```
{ 'num': 表示消息数目 }
{ 'state': 'fail', 'detail': 'Unlogin' }
```

## 2.[GET] index.php/letter/letter\_home 私信主页

param:

none

response:

```
{ 0 => (
    uid => 对话朋友的id
    realname => 对话朋友的名字
    location => 对话朋友的头像路径
    msg_total => 与他共有几条私信
    msg_unread => 与他有几条未读私信
    date => 最后一条私信的时间
),
1 => (
    同上
)}
{ 'state': 'fail', 'detail': 'Unlogin' }
```

## 3.[GET] index.php/letter/letter\_talk/param1 聊天历史

param:

param1:uid => 聊天对象

response:

```
{
```

```
0 => (
    dir => 此条对话方向 (0是发出,1是接受)
    letter => 此条私信内容
    date => 此条私信时间
),
1 => (
    同上
)
}
{'state':'fail','detail':'Unlogin'}
```

---

## 4.[GET] index.php/letter/letter\_set\_look 全部设为已读

param:

none

response:

```
{'state':'success'}
{'state':'fail','detail':'Unlogin'}
```

---

## 5.[POST] index.php/letter/letter\_send 发私信

param:

none

postname:

uid => 发给谁

letter => 私信内容

response:

```
{'state':'success'}
{'state':'fail','detail':'Unlogin'}
```

---



# 通知系统

---

## 1.[GET] `index.php/notify/new_notification`

param:

none

response:

```
{
  'num' => 总通知数目
  'num_1'=> 关注的问题有新回答 + 自己的提问有新回答}
  'num_2'=> 回答被赞，被感谢
  'num_3'=> 有人关注了我
}
{'state':'fail','detail':'Unlogin'}
```

## 2.[GET] `index.php/notify/follow_new_answer` 关注的问题有了新回答

param:

none

response:

```
{
  0 => (
    'qid' => 关注的问题id
    'title' => 问题标题
    'uid' => 回答者id
    'realname' => 回答者名字
  ),
  1 =>(
    同上
  )
}
{'state':'fail','detail':'Unlogin'}
```

## 3.[GET] `index.php/notify/myquestion_new_answer` 我的提问被回答了

param:

none

response:

```
{
  0 => (
    'qid' => 问题id
    'title' => 问题标题
    'uid' => 回答者id
    'realname' => 回答者姓名
  )
  1 => (
    同上
  )
}
```

---

## 4.[GET] `index.php/notify/answer_good` 回答被赞了

param:

none

response:

```
{
  0 => (
    'qid' => 赞的回答对应的问题id
    'title' => 问题标题
    'uid' => 赞的人id
    'realname' => 赞的人名字
  )
  1 => (
    同上
  )
}
```

---

## 5.[GET] `index.php/notify/followed` 被关注了

param:

none

response:

```
{
  0 => (
    'uid' => 关注我的人id
    'realname' => 关注我的人的名字
  )
  1 => (
    同上
  )
}
```

## 问答系统

### 1.[POST] `index.php/qa_center/question_ask` 提问

param:

none

postname:

title content

response:

```
{'state':'success'}
{'state':'fail','detail':'timeInterval'}
{'state':'fail','detail':'Unlogin'}
```

### 2.[POST] `index.php/qa_center/question_answer/param1`

response:

```
{'state':'success'}
{'state':'fail','detail':'timeInterval'}
{'state':'fail','detail':'titleRequire'}
{'state':'fail','detail':'titleLength'} 6字~40字
{'state':'fail','detail':'contentLength'} 少于400字
{'state':'fail','detail':'Unlogin'}
```

---

## 2.[POST] `index.php/qa_center/question_answer/param1` 回答某个问题

## 3.[GET] `index.php/qa_center/view_question/param1` 查看某个问题内容

response:

```
{'state':'fail','detail':'Unlogin'}
{'state':'fail','detail':'contentRequire'}
{'state':'fail','detail':'contentLength'} (不能少于6字不能超过4000字)
{
  'content' => 回答内容
}
```

response:

```
{'state':'fail','detail':'Unlogin'}
{
  id => 问题id
  title => 提问标题
  uid => 提问者id
  realname => 提问者名字
  location => 提问者头像路径
  follow => (Y/N)当前用户是否关注此问题
  follow_num => 有多少人关注此问题
  answer_num => 有多少人回答此问题
  date => 提问时间
}
```

---

## 4.[GET] `index.php/qa_center/view_answer/param1/param2/param3/param4` 查看某个问题的回答列表

param:

param1: qid => 此问题id

param2: aid => 0|other(0表示看全部回答，other表示看特定回答，用于个人中心中点我的回答时的展示)

param3: limit => 一页要显示多少条回答

param4: offset => 对于第0条的偏移量

response:

---

```
{'state':'fail','detail':'Unlogin'}
{
  0 =>(
    id => 回答id
    content => 回答内容
    uid =>回答者id
    realname => 回答者名字
    location => 回答者头像路径
    mygood => (-1,0,1) 当前用户是否评价了
    good => 膜拜数
    bad => 呵呵数
    date => 回答时间
  ),
  1 =>(
    同上
  ),
}
```

## 5.[GET] `index.php/qa_center/good/param1/param2` 膜拜某回答

param:

param1:qid => 被回答的问题的id

param2:aid => 回答的id

response:

```
{state:'fail','detail':'Unlogin'}
{state:'success','good':更新后的膜拜数目}
```

## 6.[GET] `index.php/qa_center/bad/param1/param2` 呵呵某回答

response:

```
{state:'fail','detail':'Unlogin'}
{state:'success','good':更新后的膜拜数目,'bad':更新后的呵呵数,'mygood':当前评论是1,-1,0}
```

response:

```
{state:'fail','detail':'Unlogin'}
{state:'success','bad':更新后的呵呵数目}
```

---

## 7.[GET] index.php/qa\_center/question\_follow/param1 (取消)关注某问题

response:

```
{state:'fail','detail':'Unlogin'}
{state:'success','bad':更新后的呵呵数目,'good':更新后的呵呵数,'mygood':当前评论是1,-1,0}
```

response:

```
{'state':'success'}
{'state':'fail','detail':'Unlogin'}
```

---

## 个人中心

response:

```
{'follow':'Y/N'=>当前是否关注}
{'state':'fail','detail':'Unlogin'}
```

param:

param1: uid => 用户id

response:

```
{'state':'fail','detail':'Unlogin'}
{
  realname => 姓名
  gender => (F/M)性别
  occupation => ('S'/'W') 学生或者工作 ,
  job => 工作内容/学习专业,
  jobtime => 入职/学时间,
  province => 省份,
  jobplace => 公司/学校,
  bio => 一句话介绍,
  'location' => 大头像存储路径
```

```
}
```

## 2.[POST] `index.php/personal_center/modify_profile` 修改个人资料

param:

none

postname:

注册时的所有信息都可以post

response:

```
{'state':'success'}
{'state':'fail','detail':'Unlogin'}
```

p.S 修改后要再get一次个人信息刷新页面

## 3.[GET] `index.php/personal_center/my_follow/param1/param2` 我关注的问题

param:

param1: limit 每页显示数目

param2: offset 相对第0条的偏移

response:

```
{'state':'fail','detail':'Unlogin'}
{
  0 => (
    id => 问题id
    title => 提问标题
    uid => 提问者id
    realname => 提问者名字
    location => 提问者头像路径
    follow => (Y/N)当前用户是否关注此问题
    follow_num => 有多少人关注此问题
    answer_num => 有多少人回答此问题
    date => 提问时间)
  1 => (
    同上)
}
```

---

## 4.[GET] `index.php/personal_center/my_question/param1/param2` 我提的问题

param:

param1: limit 每页显示数目

param2: offset 相对第0条的偏移

response:

```
{'state':'fail','detail':'Unlogin'}
{
  0 => (
    id => 问题id
    title => 提问标题
    follow => (Y/N)当前用户是否关注此问题
    follow_num => 有多少人关注此问题
    answer_num => 有多少人回答此问题
    date => 提问时间
  ),
  1 => (
    同上
  )
}
```

---

## 5.[GET] `index.php/personal_center/my_answer/param1/param2` 我回答的问题

param:

param1: limit 每页显示数目

param2: offset 相对第0条的偏移

response:

```
{'state':'fail','detail':'Unlogin'}
{
  0 => (
    qid => 问题id
    title => 提问标题
    aid => 回答id
    description => 回答内容
    good => 被膜拜数目
    bad => 被呵呵数目
  ),
  1 => (
  )
}
```



---

## 6.[POST]

`index.php/personal_center/modify_my_answer` 修改我的回答

param:

none

postname

aid => 回答的id

content => 回答的内容

response:

```
{'state':'fail','detail':'Unlogin'}  
{'state':'success'}
```

---

## 7.[GET]

`index.php/personal_center/show_my_answer/param1` 查看那我的回答（用于修改回答时显示内容）

param:

param1:aid

response:

```
{'state':'fail','detail':'Unlogin'}  
{'content' => 回答内容}
```

---

# 搜索系统

---

---

## 1.[POST]

`index.php/search/search` 搜索框

param:

postname:

target

response:

```
{'state':'fail','detail':'Unlogin'}
{
  'question' => (
    0 => (
      qid => 问题id
      title => 问题标题
    )
    1 => ()
  ),
  'people' => (
    0 => (
      uid => 人物id
      realname => 人物姓名
    ),
    1 => (
    )
  )
  'tag' => (
    0 => (
      tag_id => 话题id
      tag_name => 话题名字
    )
  )
}
```

p.s. 各显示5条

---

## 评论系统

---

---

### 1.[POST] `index.php/comment/comment` 评论某个回答

postname:

aid => 评论的id

comment => 评论内容

response:

```
{'state': 'success'}
{'state': 'fail', 'detail': 'Unlogin'}
```

## 2.[GET] `index.php/comment/commitlist/param1` 得到某个回答的评论列表

param:

param1: aid => 回答的id

response:

```
{'state': 'fail', 'detail': 'Unlogin'}
{ 0 => (
    com_uid => 评论者id
    com_realname => 评论者姓名
    com_location => 评论者小头像
    com_comment => 评论者的评论
    com_date => 评论时间
  )
  1 => (同上)
}
```

# 常用API

## 1.[GET] `index.php/public_function/myinfo` 获取我的姓名,uid和头像

response:

```
{'state': 'fail', 'detail': 'Unlogin'}
{
  'id' => 我的id
  'realname' => 姓名
  'location' => 大头像
}
```

## 2.[GET] `index.php/public_function/uidinfo` 查询某个人的信息

param:

param1:  
uid=>查询人的信息

response:

```
{'state':'fail','detail':'Unlogin'}
{
  'realname' => 姓名
  'location' => 大头像
}
```

## 3.[GET] `index.php/public_function/large_photo/param` 获取某人大头像

param

param1:  
uid => 查询人的id

response

```
{'state':'fail','detail':'Unlogin'}
{'location' => 照片地址}
```

## 3.[GET] `index.php/public_function/large_photo/param` 获取某人中头像

param

param1:  
uid => 查询人的id

response

```
{'state':'fail','detail':'Unlogin'}
{'location' => 照片地址}
```

### 3.[GET] `index.php/public_function/large_photo/param` 获取某人小头像

param

param1:  
uid => 查询人的id

response

```
{'state':'fail','detail':'Unlogin'}  
{'location' => 照片地址}
```