

IHRM登录模块的参数化

1. 实现登录的所有测试用例脚本 -》 done
2. 分析登录的请求数据和断言数据，提取数据到json文件当中
3. 关联数据文件的变量到ihrm数据驱动的接口请求当中和断言当中
4. 使用runner导入设计的数据文件，然后执行查看结果

提取数据时需要注册，我们统一使用json格式来保存数据，不能使用CSV

这是因为CSV无法数据有逗号“，”的数据

1 实现所有的脚本

POST 登录成功

POST 账号未注册

POST 密码错误

POST 账号为空

POST 密码为空

POST 账号有特殊字符

POST 多参测试

POST 少参-缺少mobile

POST 少参-缺少password

POST 无参

POST 错误参数

POST 传入None

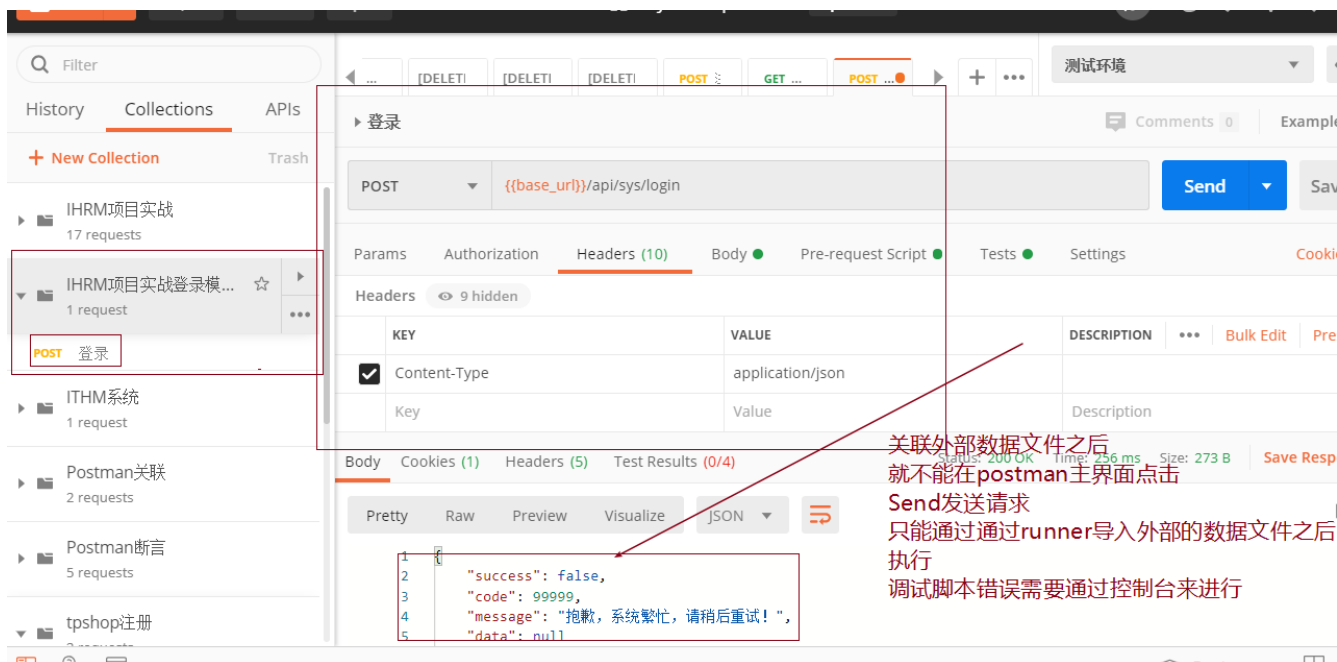
2 设计数据文件

```
[
  {"ihrm_login_data":
  {"mobile":"13800000002","password":"123456"},"httpcode":200,
  "success":true, "code":10000, "message":"操作成功! "},
  {"ihrm_login_data":
  {"mobile":"13900000002","password":"123456"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mobile":"13800000002","password":"error"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mobile":"","password":"error"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mobile":"138(0000002","password":"error"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mobile":"13800000002","password":""},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mobile":"13800000002","password":"123456","more_params":"123"
  }, "httpcode":200, "success":true, "code":10000, "message":"操作
  成功! "},
  {"ihrm_login_data":{"password":"error"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":{"mobile":"13800000002"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":{}},"httpcode":200, "success":false,
  "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":
  {"mboile":"13800000002","password":"error"},"httpcode":200,
  "success":false, "code":20001, "message":"用户名或密码错误"},
  {"ihrm_login_data":null,"httpcode":200, "success":false,
  "code":99999, "message":"抱歉, 系统繁忙, 请稍后重试! "}
]
```

```
[{"ihrm_login_data":{"mobile":"13800000002","password":"123456"},"httpcode":200,"success":true,"code":10000,"message":"操作成功!"}, {"ihrm_login_data":{"mobile":"13900000002","password":"123456"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"13800000002","password":"error"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"","password":"error"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"138(0000002","password":"error"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"13800000002","password":"","httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"13800000002","password":"123456","more_params":"123"},"httpcode":200,"success":true,"code":10000,"message"}, {"ihrm_login_data":{"password":"error"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mobile":"13800000002"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":{"mboile":"13800000002","password":"error"},"httpcode":200,"success":false,"code":20001,"message":"用户名或密码错误"}, {"ihrm_login_data":null,"httpcode":200,"success":false,"code":99999,"message":"抱歉，系统繁忙，请稍后重试!"}]
```

3 关联数据文件中的数据

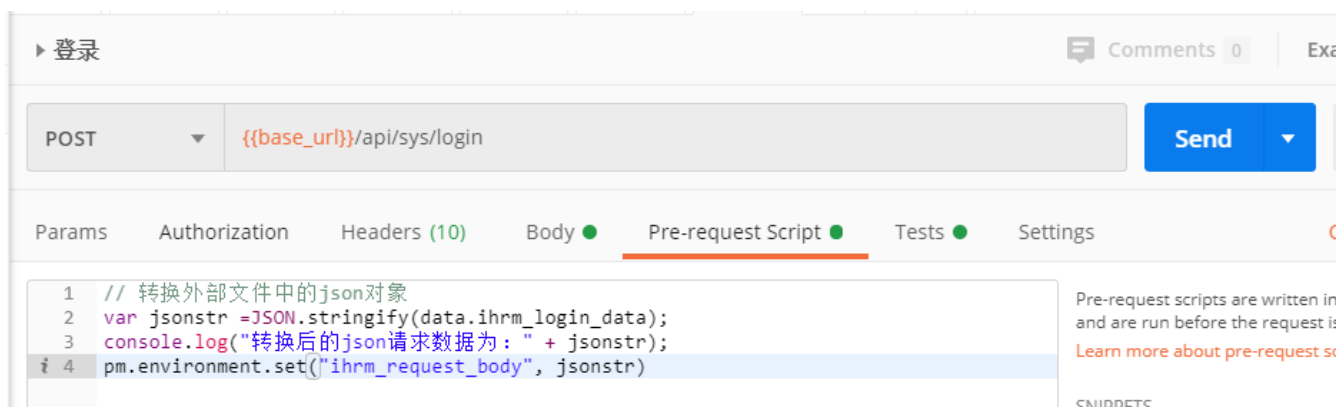
关联之前新建一个用例集和登录接口请求



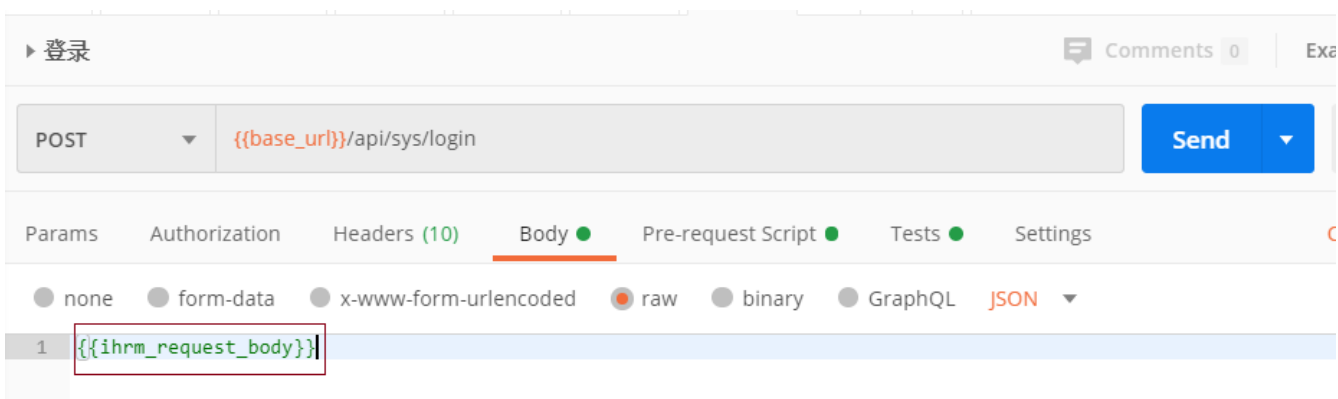
请求体数据关联方法：

3.1 在请求前置脚本把数据文件的json对象数据，转换为json的字符串，并保存到环境变量

```
// 转换外部文件中的json对象
var jsonstr =JSON.stringify(data.ihrm_login_data);
console.log("转换后的json请求数据为：" + jsonstr);
pm.environment.set("ihrm_request_body", jsonstr)
```



3.2 在请求体中，关联请求前置脚本保存的请求体数据



3.3 断言代码，直接引用数据文件中的变量

```
// 断言响应状态码
pm.test("Status code is 200", function () {
    pm.response.to.have.status(data.httpcode);
});

// 断言success的值
pm.test("断言success的值", function () {
    var jsonData = pm.response.json();
    pm.expect(jsonData.success).to.eql(data.success);
});

// 断言code的值
pm.test("断言code的值", function () {
    var jsonData = pm.response.json();
    pm.expect(jsonData.code).to.eql(data.code);
});

// 断言message的值
```

```
pm.test("断言message的值", function () {
    var jsonData = pm.response.json();
    pm.expect(jsonData.message).to.eql(data.message);
});
```

登录 Comments

POST ▼ `{{base_url}}/api/sys/login` Send

Params Authorization Headers (10) Body ● Pre-request Script ● Tests ● Settings

```
1 // 断言响应状态码
2 pm.test("Status code is 200", function () {
3     pm.response.to.have.status(data.httpcode);
4 });
5
6 // 断言success的值
7 pm.test("断言success的值", function () {
8     var jsonData = pm.response.json();
9     pm.expect(jsonData.success).to.eql(data.success);
10 });
11
12 // 断言code的值
13 pm.test("断言code的值", function () {
14     var jsonData = pm.response.json();
15     pm.expect(jsonData.code).to.eql(data.code);
16 });
17
18 // 断言message的值
19 pm.test("断言message的值", function () {
20     var jsonData = pm.response.json();
```

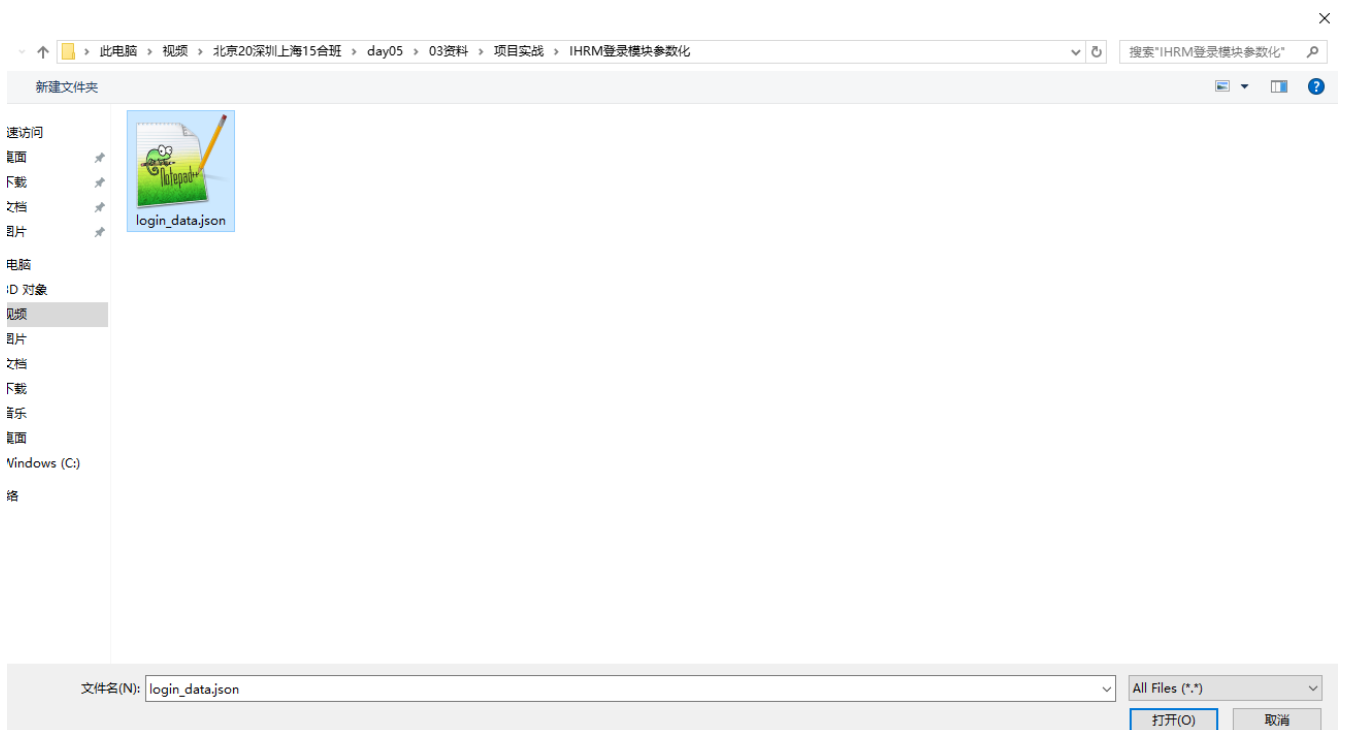
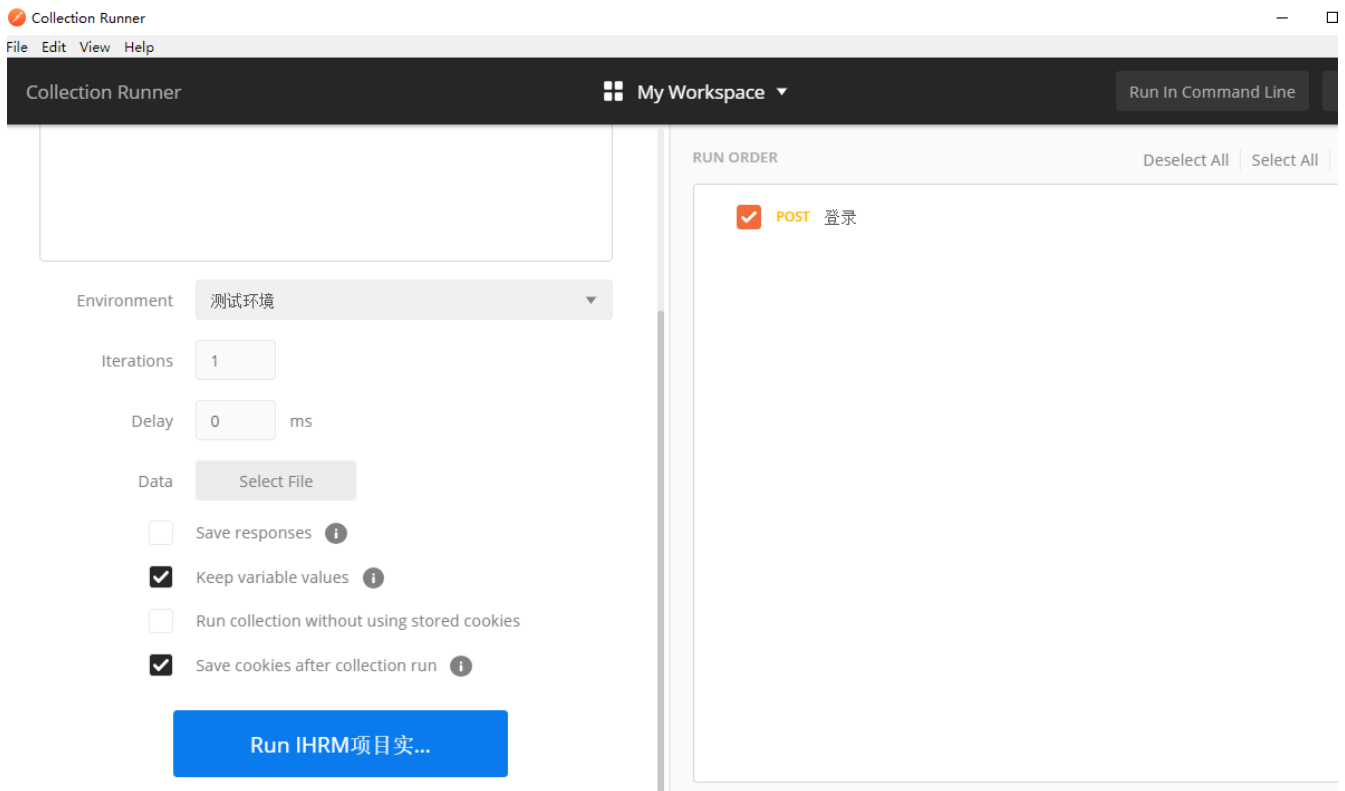
Test scripts are written in JavaScript and run after the response is received. [Learn more about](#)

SNIPPETS

- [Get an environment variable](#)
- [Get a global variable](#)
- [Get a variable](#)
- [Set an environment variable](#)
- [Set a global variable](#)
- [Clear an environment variable](#)
- [Clear a global variable](#)

3.4 保存

4 在runner中引入外部数据文件，执行查看结果



preview

PREVIEW DATA				
Iteration	ihrm_login_data	httpcode	success	code
1	{"mobile":"13800000002","password":"123456"}	200	true	10000
2	{"mobile":"13900000002","password":"123456"}	200	false	20001
3	{"mobile":"13800000002","password":"error"}	200	false	20001
4	{"mobile":"","password":"error"}	200	false	20001
5	{"mobile":"138(0000002","password":"error"}	200	false	20001
6	{"mobile":"13800000002","password":""}	200	false	20001
7	{"mobile":"13800000002","password":"123456","more params":"123"}	200	true	10000

FileEditViewHelp

Collection RunnerRun ResultsMy WorkspaceRun In Command LineDocs

48
PASSED

0
FAILED

IHRM项目实战登录模块参数化测试 测试环境
just now

Run SummaryExport ResultsRetryNew

POST 登录 {{base_url}}/api/sys/login ...目实战登录模块参数化测试 / 登录200 OK15 ms346 B

Status code is 200

断言success的值

断言code的值

断言message的值

Iteration 4

POST 登录 {{base_url}}/api/sys/login ...目实战登录模块参数化测试 / 登录200 OK15 ms346 B

Status code is 200

断言success的值

断言code的值

断言message的值