

# Postman基础使用

接口自动化测试课程



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# 学习目标

Learning Objectives

1. 能够使用Postman发送get/post/put/delete请求并获取响应结果



# 目录

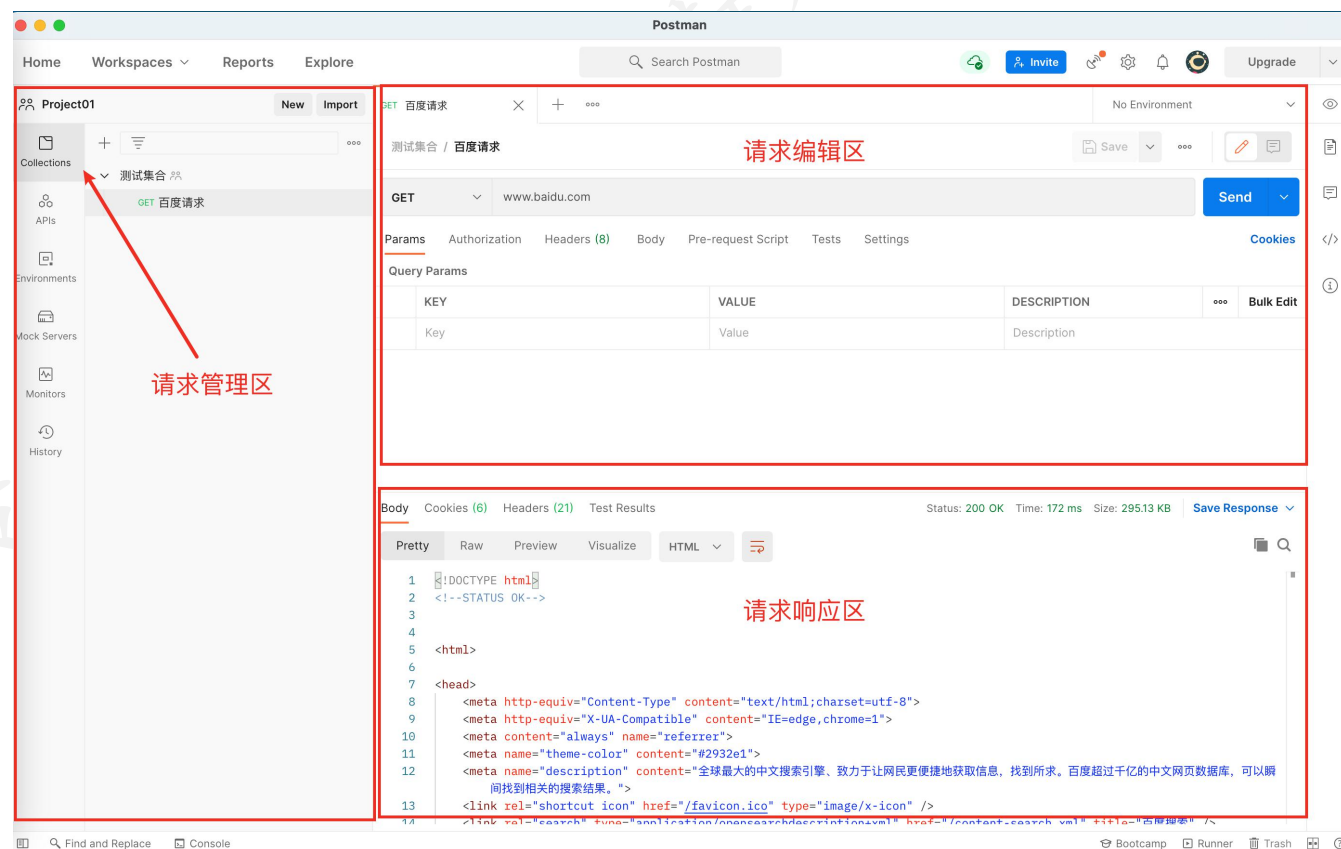
Contents

- ◆ Postman发送get请求
- ◆ Postman发送post请求
- ◆ Postman发送其他请求

## Postman 是一款接口调试工具

特点：支持MAC、Windows和Linux

官网地址：<https://www.getpostman.com/>



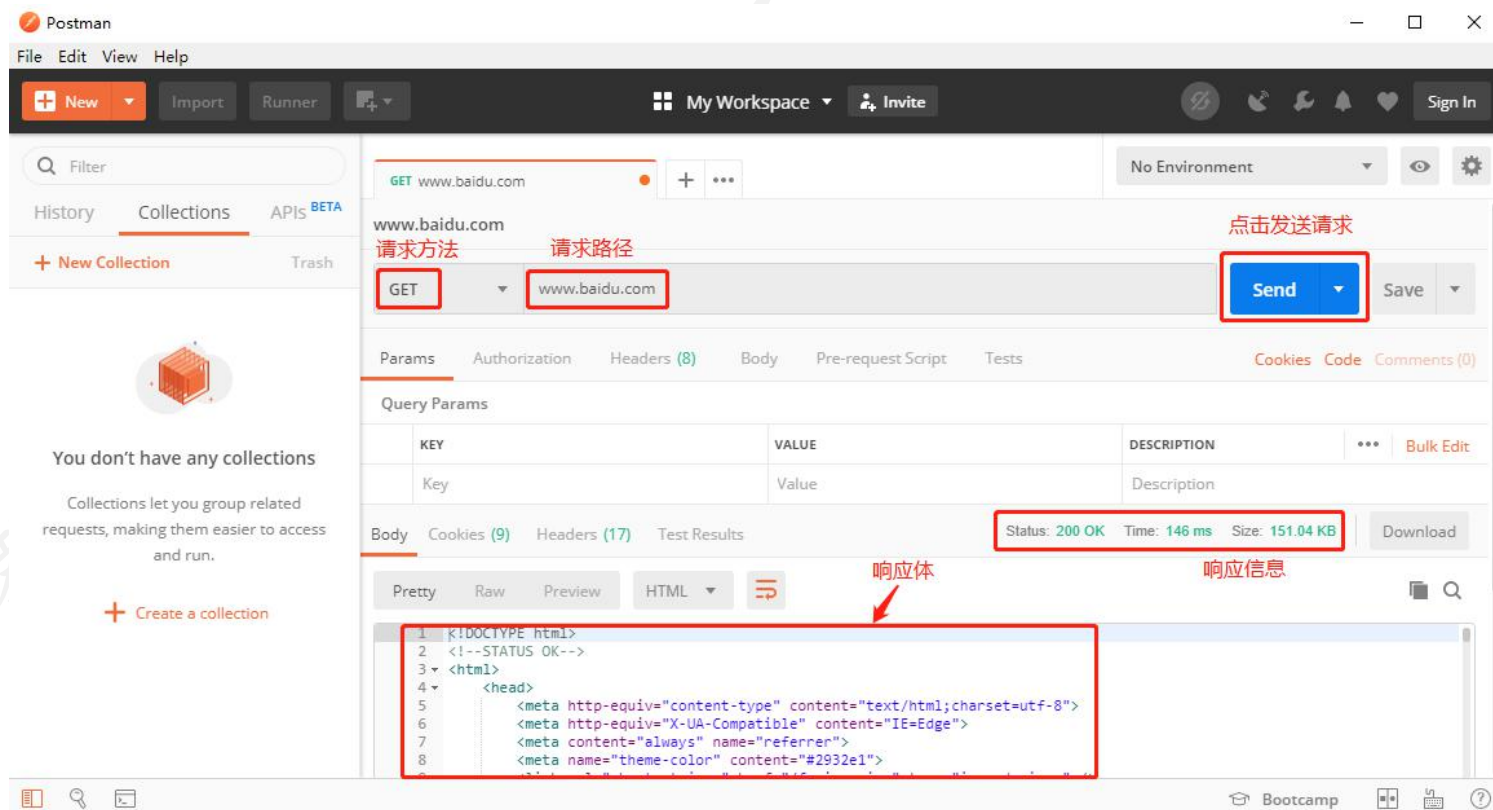
## Postman示例

**需求：** 使用Postman访问百度

http://www.baidu.com, 并查看响应结果

**实现步骤：**

1. 设置请求方式
2. 输入接口地址
3. 点击发送请求
4. 查看响应结果



# Postman发送GET请求

## GET请求

The screenshot shows the Postman interface with a GET request configured. Red arrows and labels point to specific parts of the interface:

- 1. 请求名称** (Request Name): Points to the tab label "GET 百度请求".
- 2. 请求方法** (Request Method): Points to the "GET" dropdown menu.
- 3. 请求URL** (Request URL): Points to the input field containing "www.baidu.com".
- 4. 请求参数** (Request Parameters): Points to the "Query Params" table.
- 1. 响应状态码** (Response Status Code): Points to the "Status: 200 OK" text in the response area.
- 2. 响应体** (Response Body): Points to the "Body" tab and the HTML response content.

**Query Params Table:**

KEY	VALUE	DESCRIPTION
Key	Value	Description

**Response Body (HTML):**

```
1 <!DOCTYPE html>
2 <!--STATUS OK-->
3
4 <html>
5
6 <head>
7
8   <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
9   <meta http-equiv="X-UA-Compatible" content="IE=edge, chrome=1">
10  <meta content="always" name="referrer">
11  <meta name="theme-color" content="#2932e1">
12  <meta name="description" content="全球最大的中文搜索引擎、致力于让网民更便捷地获取信息，找到所求。百度超过千亿的中文网页数据库，可以瞬间找到相关的搜索结果。">
13  <link rel="shortcut icon" href="/favicon.ico" type="image/x-icon" />
14  <link rel="search" type="application/opensearchdescription+xml" href="/content-search.xml" title="百度搜索" />
```

## 案例

### 案例一：传递查询参数

需求：

- 访问TPshop搜索商品的接口，搜索关键字iPhone，并查看响应数据

分析：

- 请求方式：GET
- 请求路径：`http://tpshop-test.itheima.net/Home/Goods/search.html`
- 传参方式：查询字符串 (`q=iPhone`)

## 案例 案例一：传递查询参数

▶ 案例一-搜索商品

GET  Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	q	iPhone			
	Key	Value	Description		

Body Cookies (2) Headers (11) Test Results Status: 200 OK Time: 2.47s Size: 95.46 KB Save Response

Pretty Raw Preview Visualize BETA HTML

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <meta charset="UTF-8">
6   <title>搜索列表</title>
```



# Postman发送POST请求

## POST请求

The image shows the Postman application interface with a POST request configured. Red arrows and labels point to various parts of the interface:

- 1. 请求方式** (Request Method): Points to the **POST** dropdown menu.
- 2. 请求URL** (Request URL): Points to the URL input field containing `http://tpshop-test.itheima.net/index.php?m=Home&c=User&a=do_login`.
- 3. 请求头** (Request Headers): Points to the **Headers (10)** tab.
- 4. 请求体** (Request Body): Points to the **Body** tab.
- 4.1 表单数据** (Form Data): Points to the **x-www-form-urlencoded** radio button.
- 4.2 任意格式 (常用JSON格式)** (Arbitrary Format (Commonly Used JSON Format)): Points to the **raw** radio button.
- 响应体数据** (Response Body Data): Points to the **Body** tab in the response section.
- 响应状态码** (Response Status Code): Points to the **Status: 200 OK** text.

The request body is configured with the following form data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	13012345678	
<input checked="" type="checkbox"/> password	123456	
<input checked="" type="checkbox"/> verify_code	8888	
Key	Value	Description

The response body is displayed in the **Body** tab, showing the following JSON data:

```
1 {
2   "status": 0,
3   "msg": "验证码错误"
4 }
```

## 案例

### 案例二：提交表单数据

**需求：** 发送TPshop的登录接口请求

**分析：**

- **请求方式：** POST
- **请求路径：** `http://tpshop-test.itheima.net/index.php?m=Home&c=User&a=do_login`
- **请求数据：** 请求体-表单数据

username: 13012345678

password: 123456

verify\_code: 1234

## 案例二：提交表单数据

The screenshot shows the Postman interface with a POST request named 'tpshop登录请求' (tpshop login request) configured. The request is set to the URL 'http://tpshop-test.itheima.net/index.php?m=Home&c=User&a=do\_login'. The request body is configured as 'x-www-form-urlencoded' and contains three form fields: 'username' (13012345678), 'password' (123456), and 'verify\_code' (8888). The response status is '200 OK' and the response body is a JSON object: {'status': 0, 'msg': '验证码错误'}. Red arrows and labels point to various parts of the interface:

- 1. 请求名称 (Request Name): Points to the request name 'tpshop登录请求'.
- 2. 请求方法 (Request Method): Points to the 'POST' method.
- 3. 请求URL (Request URL): Points to the URL 'http://tpshop-test.itheima.net/index.php?m=Home&c=User&a=do\_login'.
- 4. 请求体 (Request Body): Points to the 'Body' tab.
- 5. 表单类型 (Form Type): Points to the 'x-www-form-urlencoded' radio button.
- 6. 表单数据 (Form Data): Points to the table of form fields.
- 响应体数据 (Response Body Data): Points to the 'Body' tab in the response section.
- 响应状态码 (Response Status Code): Points to the 'Status: 200 OK'.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> username	13012345678	
<input checked="" type="checkbox"/> password	123456	
<input checked="" type="checkbox"/> verify_code	8888	

```
1 2
2  "status": 0,
3  "msg": "验证码错误"
4  }
```

## 案例

### 案例三：提交JSON数据

**需求：** 发送IHRM项目的登录接口请求并查看响应结果

**分析：**

- **请求方式：** POST
- **请求URL：** `http://ihrm-test.itheima.net/api/sys/login`
- **请求数据：**
  - 请求头：Content-Type: application/json
  - 请求体：`{"mobile":"13800000002", "password":"123456"}`



思考

1. Postman中get请求查询参数如何设置?
2. Postman中如何发送表单数据格式的post请求?
3. Postman中如何发送JSON数据格式的post请求?

**思考：如何发送put请求和delete请求？**

**答：修改请求方法**，其他设置均与get/post请求类似

**案例：**

1. 发送ihrm修改员工接口请求并查看响应结果
2. 发送ihrm删除员工接口请求并查看响应结果



## 总结

使用Postman发送get/post/put/delete请求并查看响应结果

1. 设置请求方法
2. 设置URL
3. 设置请求头
4. 设置请求数据
5. 查看响应状态码
6. 查看响应体数据



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