**程序访问地址：**[**http://blue.crystalsight.cn/Github-Visualization**](http://blue.crystalsight.cn/Github-Visualization)

**获取语言的信息：**

[**http://blue.crystalsight.cn:8000/search/languages**](http://blue.crystalsight.cn:8000/search/languages)

**返回数据类似（应该是数组）：**

**[{"repo":200,"language":"Python"},{"repo":200,"language": "Java"},{"repo": 200,"language":"C++"},{"repo": 200,"language":"JavaScript"}]**

**获取每年项目数量：**

[**http://blue.crystalsight.cn:8000/search/repositories**](http://blue.crystalsight.cn:8000/search/repositories)

**返回数据类似：**

**[{"repo":200,"year":"2016"},{"repo":200,"year":"2017"}, {"repo": 600,"year":"2015"}]**

**获取迄今为止建立的总项目数量：**

[**http://blue.crystalsight.cn:8000/search/total**](http://blue.crystalsight.cn:8000/search/total)

**返回数据只有：**

**[{"repo": 26537888, "name": "total\_count"}]**

**获取前十项目详情：**

[**http://blue.crystalsight.cn:8000/search/starts**](http://blue.crystalsight.cn:8000/search/starts)

**返回数据类似：**

**[{"user\_url": "https://github.com/freeCodeCamp", "user\_login": "freeCodeCamp", "repo\_url": "https://github.com/freeCodeCamp/freeCodeCamp", "stargazers\_count": 280894, "id": 1, "repo\_name": "freeCodeCamp"}, {"user\_url": "https://github.com/twbs", "user\_login": "twbs", "repo\_url": "https://github.com/twbs/bootstrap", "stargazers\_count": 111272, "id": 2, "repo\_name": "bootstrap"}]**

**详细意义：**

**id:范围【1-10】，代表项目的排名**

**repo\_name:项目名称**

**repo\_url:项目链接**

**stargazers\_count:关注数量**

**user\_login:创建者**

**user\_url:创建者链接**

**获取地区用户数量：**

[**http://blue.crystalsight.cn:8000/search/locations**](http://blue.crystalsight.cn:8000/search/locations)

**返回数据类似：**

**[{"repo": 57950, "location": "the United States"}, {"repo": 79716, "location": "China"}, {"repo": 41046, "location": "France"}, {"repo": 63330, "location": "Germany"}, {"repo": 73798, "location": "India"}, {"repo": 32327, "location": "Russia"}]**

**获取关注度前十用户详细信息：**

[**http://blue.crystalsight.cn:8000/search/users**](http://blue.crystalsight.cn:8000/search/users)

**返回数据类似：**

**[{"user\_url": "https://github.com/torvalds", "follower": 55509, "repo\_url": "https://github.com/torvalds/linux", "address": "Portland, OR", "user\_name": "torvalds", "id": 1, "repo\_name": "linux"}, {"user\_url": "https://github.com/JakeWharton", "follower": 35420, "repo\_url": "https://github.com/JakeWharton/butterknife", "address": "Pittsburgh, PA, USA", "user\_name": "JakeWharton", "id": 2, "repo\_name": "butterknife"}]**

**数据库信息：**

**语言信息表：**

**languages(name varchar(20),number int(15))**

**项目数量表：**

**repositories(year varchar(20),number int(15))**

**项目总量表：**

**total(year varchar(20),number int(30))**

**前十项目详情表：**

**projects(id int(20) primary key,repo\_name varchar(200), repo\_url varchar(500),stargazers\_count int(50),user\_login varchar(200),user\_url varchar(500))**

**地区用户数量表：**

**locations(name varchar(20),number int(15))**

**关注度前十用户表：**

**users(id int(20) primary key,user\_name varchar(200),user\_url varchar(500),follower int(50),address varchar(500),repo\_name varchar(200),repo\_url varchar(500))**

**基本路径：**

**Python文件存放位置：**

**跟返回json相关**

**/yjdata/www/wwwroot/HelloWorld/HelloWorld**

**跟访问Github API相关**

**/yjdata/www/wwwroot/htmltest**

**网页源文件存放位置：**

**/yjdata/www/wwwroot/Github-Visualization**

**程序定时访问A PI时间：凌晨0点**