|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| api\_id | api\_name | api\_desc | api\_func | api\_para | api\_return |
| int | varchar | var | varchar | varchar | varchar |
| 1 | create | 创建文件 | int create(const char \*path , mode\_t mode) | pathname：指向建立的文件路径字符串  mode：指定用户操作权限 | 若成功，返回为只写打开的文件描述符；若出错，返回-1 |

说明：API信息表

|  |  |
| --- | --- |
| api\_id | case\_id |
| int | int |
| 1 | 1 |
| 1 | 2 |
| 2 | 3 |

说明：API与案例对应关系表

|  |  |  |
| --- | --- | --- |
| case\_id | case\_name | case\_code |
| int | varchar | varchar |
| 1 | 创建一个具有空洞的文件 | if(fd = create……) |

说明：案例详情关系表

接口定义：

|  |  |  |  |
| --- | --- | --- | --- |
| 接口 | 请求类型 | 参数 | 返回值 |
| /all\_api | GET | 无 | {  "apis": [  { "api\_name":"create" , "api\_desc":"创建文件" },  { "api\_name":"fctl" , " api\_desc ":"文件控制" }  ]  } |
| /api\_detail | POST | {  "api\_name":"create"  } | {  "api\_name":"create"  " api\_desc ":"……"  " api\_func ":"……"  " api\_para ":"……"  " api\_return ":"……"  } |
| /case\_detail | POST | {  "case\_name":"创建一个具有空洞的文件"  } | {  "case\_name":"create"  " case\_code ":"……"  } |
| /api\_search | POST | {  "api\_name":"c"  } | {  "apis": [  { "api\_name":"create" , "api\_desc":"创建文件" },  { "api\_name":"fctl" , " api\_desc ":"文件控制" }  ]  } |
| /case\_search | POST | {  "api\_name":"创建"  } | {  "cases": [  { "case\_name":"创建文件"},  { "case\_name":"创建具有空洞的文件"}  ]  } |
| /api\_judge  （实时判断） | POST | 未定，需与算法组讨论 | 未定，需与算法组讨论 |
| /case\_judge  （实时判断） | POST | 未定，需与算法组讨论 | 未定，需与算法组讨论 |