* + 1. 系统部件定义：TAB\_SYSTEM\_DEFINE

| ***列名*** | ***数据类型*** | ***默认值*** | ***备注*** | ***说明*** | |
| --- | --- | --- | --- | --- | --- |
| dptId | varchar(20) |  | PK/NN | 部件编号 | |
| dptName | varchar(200) |  | NN | 部件名称 | |
| dptType | int |  | NN | 0 | 未知设备 |
| 1 | 绞车 |
| 2 | 仪器 |
| 3 | 定位设备 |
| 4 | 海深设备 |
| dptStatus | tinyint | 1 | NN | 1 | 有效工作状态 |
| 0 | 停止工作状态 |

例：

| dptId | dptName | dptType | dptStatus |
| --- | --- | --- | --- |
| MVP4000 | 4000米MVP绞车 | 1 | 1 |
| MVP300 | 3400米MVP绞车 | 1 | 0 |
| MFish-8 | 8参数拖鱼 | 2 | 1 |
| MFish-6 | 6参数拖鱼 | 2 | 0 |
| GPS | GPS定位设备 | 3 | 1 |
| BDLocation | 北斗定位设备 | 3 | 0 |
| OceanDeep | 海深探测设备 | 4 | 1 |

| **Methods** | **Urls** | **Actions** |
| --- | --- | --- |
| GET | api/system\_define | get all system\_define |
| GET | api/ system\_define /:id | get system\_define by id |
| POST | api/ system\_define | add new system\_define |
| PUT | api/ system\_define /:dptId | update system\_define by dptId |
| DELETE | api/ system\_define /:dptId | remove system\_define by dptId |
| DELETE | api/ system\_define | remove all system\_define |
| GET | api/ system\_define /published | find all published system\_define |
| GET | api/ system\_define?[key]=[value] | find all system\_define which key filed contains 'value' |