

# bak-VCS API for SPS

## 任务调用API

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## 任务调用API

### 创建计算任务

- URL: /vcs/console/task/createComputeTask
- Method: POST
- Request:

```
{
  "name": "task1", //任务名称
  "execType": "historyVideoFile", //执行频率类型, 固定值
  "execStartTime": 1564675200000, //开始执行时间, 毫秒时间戳
  "description": "this is a task", //任务描述
  "datasources": { //任务数据源
    "devices": [
      {
        "deviceId": "xxxxxxx", //摄像头编码(虚拟摄像头)
        "videoId": "lzfg54fg871fghwa", //视频文件句柄
        "videoTimeLength": 600, // 视频文件时长, 以秒为单位
        "videoBeginTime": 1564675200001 // 视频开始时间, 毫秒时间戳
      }
    ]
  },
  "algorithms": [ //算法
    {
      "models": ["face", "body"] //算法模型, face: 人脸, body: 人体,
      //motor: 机动车, no_motor: 非机动车
    }
  ]
}
```

```

    }
  ],
  "clientName": "sps"
}

```

- Response:

```

{
  "Code": "0",
  "Message": "SUCCESS",
  "Data": {
    "taskId": "fcd6cc03c2d7456a93728795a9eff1cd"
  }
}

```

## 更新计算任务

- URL: /vcs/console/task/modifyComputeTask
- Method: POST
- Request:

```

{
  "name": "task1", //任务名称, 不能修改
  "execType": "historyVideoFile", //执行频率类型, 固定值, 不能修改
  "execStartTime": 1564675200000, //开始执行时间, 毫秒时间戳
  "description": "this is a task", //任务描述
  "datasources": { //任务数据源
    "devices": [
      {
        "deviceId": "xxxxxxx", //摄像头编码(虚拟摄像头)
        "videoId": "lzfg54fg871fghwa", //视频文件句柄
        "videoTimeLength": 600, //历史视频文件时长, 以秒为单位
      }
    ]
  },
  "algorithms": [ //算法
    {
      "models": ["face", "body"] //算法模型, face: 人脸, body: 人体,
      //motor: 机动车, no_motor: 非机动车
    }
  ]
}

```

```
] ,  
  "clientName": "sps"  
}
```

- Response:

```
{  
  "Code": "0",  
  "Message": "SUCCESS",  
  "Data": {  
    "taskId": "fcd6cc03c2d7456a93728795a9eff1cd"  
  }  
}
```

## 启动计算任务

- URL: /vcs/console/task/startComputeTask
- Method: POST
- Request:

```
{  
  "taskId": "fcd6cc03c2d7456a93728795a9eff1cd"  
}
```

- Response:

```
{  
  "Code": "0",  
  "Message": "SUCCESS"  
}
```

## 停止计算任务

- URL: /vcs/console/task/stopComputeTask
- Method: POST
- Request:

```
{  
  "taskId": "fcd6cc03c2d7456a93728795a9eff1cd"  
}
```

- Response:

```
{
  "Code": "0",
  "Message": "SUCCESS"
}
```

## 查询计算任务

- URL: /vcs/console/task/getComputeTasks
- Method: POST
- Request:

```
{
  "taskIds": ["fcd6cc03c2d7456a93728795a9eff1cd"]
}
```

- Response:

```
{
  "Code": "0",
  "Message": "SUCCESS",
  "Data": [
    {
      "taskId": "fcd6cc03c2d7456a93728795a9eff1cd",
      "taskStatus": "ONLINED"
    }
  ]
}
```