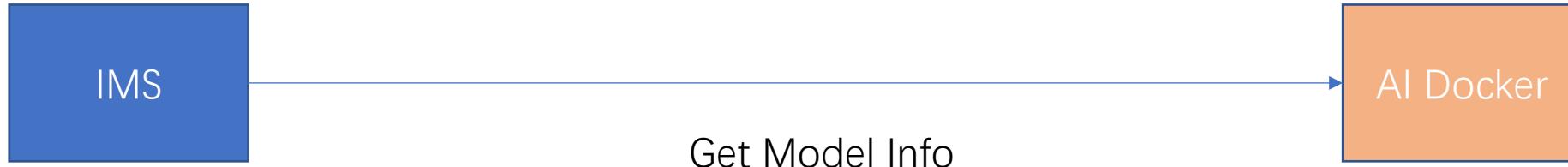


## 1. Get Capabilities and Info



Get: /get/info

Response:

```
{  
    name (should-unique):  
    description:  
    terms: [ "term-1" , " term-2" ,···]  
    Supported_image_formats: [ "svs" , "ndpi" ,···]  
    Supported_source_type:[ "foder" , "image" ]  
    Supported_scope:[" whole-scan" , "ROI" ]  
    Supported_algorithm_type: [ "key-value" , "geo" ,  
    "content" ]  
}
```

## 2. IMS run algorithm

Running status enum:  
Created  
Runing  
Completed  
Failed



POST: /run/algorithm

Request:

```
{
    session_id: GUID
    parameters: []
    source: Image or Folder URI PATH
    Image_server:
}
```

Response:

```
{
    session_id: GUID
    code:
    status: Created
    message:
}
```

### 3. Actively report result to IMS



POST: /api/algorithm-result.json

Request:

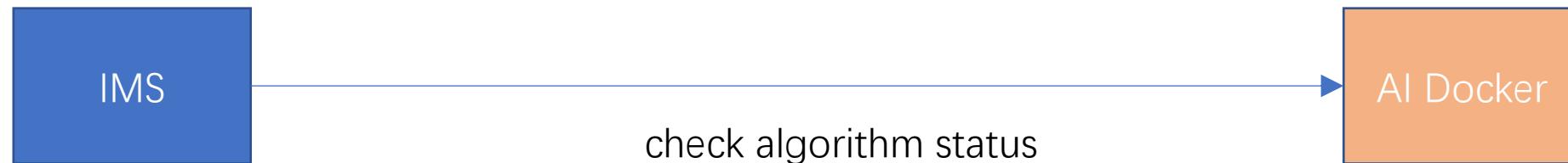
```
{  
    session_id: GUID  
    status: Completed  
    data: [  
        {  
            image: image1  
            {  
                result_type: "key-value"  
                result:[  
                    {key-1,value-1}  
                    {key-2,value-2}...  
                ], {...}  
            },  
            {  
                image: image2,  
                []  
            }  
        ]  
    }  
}
```

Response:

```
{  
    code: 200  
}
```

#### 4. IMS tracking AI

Running status enum:  
Created  
Runing  
Completed  
Failed



Request:

```
{
    session_id: GUID
}
```

Response:

```
{
    session_id: GUID
    code:
    status: Failed/Runing/...
    message:
    data:{
    }
}
```