

MES ATE 接口文档

Api/login:

DESC:获取用户令牌

url: <https://epms.eastech.com/api/login/>

METHOD:POST

Post Parameter:

emp_no	员工编号
password	密码

Success Return:

token	用户令牌，后续 API 请求需要用到 token,token 有时效性，24H 小时之后 token 过期，需要重新申请 token。
epm_no	员工编号
emp_name	员工姓名
company	公司别
account	默认 False()

Example:

```
{  
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImFhdCI6MTYwNDQ4MTYwNDQ4MywiZXhwIjo2NjE0NTQwODgzLCJqdGkiOiJlMzU1NWZiZS1kMDdkLTRmMzc0YTA3NS1jZGFkYjYyOTQyY2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWdfYWFrOjoxNjA0NDU0NDgzaXBmOB0i6S7_Wo3uFcmlLQ1CeCU",  
  "epm_no": "ate",  
  "emp_name": "ate",  
  "company": "6300",  
  "account": false  
}
```

Fail Return:

non_field_errors	无法使用提供的认证信息登录。
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Example:

```
{
    "non_field_errors": [
        "无法使用提供的认证信息登录。"
    ]
}
```

```
]
}
```

Token 的使用:

请求成功后取出 token,在 token 前拼接字符串 'BEARER '形成完整的 token 令牌。在后续的 API 请求中添加 headers, key: Authorization, Value:token 令牌。

```
headers = {
    'Authorization': 'BEARER eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImF0ZSI6Im1hdCI6MTYwNDQ1MzE3NywiZXhwIjoxNjA0NTM5NTc3LCJqdGkiOiI5NDY2ZDI2Mi0xZjYzLTRhNDgtYWYyYS1kN2NmNDk2NTQxN2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWdfYWw0IjoxNjA0NDUzMTc3fQ.yJtMBil9LU8iQx95TImwmOdeWuW9tuBec-kxErD917M'
}
```

Code Example:

C#:

```
var client = new RestClient("https://epms.eastech.com/api/login/");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("", "");
request.AlwaysMultipartFormData = true;
request.AddParameter("emp_no", "ate");
request.AddParameter("password", "Windows123.");
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Python:

```
import requests

url = "https://epms.eastech.com/api/login/"

payload={'emp_no': 'ate',
'password': 'Windows123.'}
files=[

]
headers = {
    ': '
}
```

```
response = requests.request("POST", url, headers=headers, data=payload, files=files)
```

```
print(response.text)
```

Api/sn_detail

Desc: GET 方法获取工单相关信息, POST 方法上传保存 SN 信息

URL: https://epms.eastech.com/api/sn_detail/

Method:GET,POST

GET Example:

工单号通过 URL 发送到服务器,格式为 URL+/工单号码/

Eeample Url: https://epms.eastech.com/api/sn_detail/1037020031/

SUCCES RETURN

SERIAL_NUMBER	MAX SN
FUNCTION_NAME	生产 SN 的规则名称
TARGET_QTY	工单目标生产数量
SN_QTY	工单目前生产数量

Example:

```
{
  "SERIAL_NUMBER": "BZJ614KM901580Z",
  "FUNCTION_NAME": "HWR650RUSN",
  "TARGET_QTY": 928,
  "SN_QTY": 928
}
```

FAILE RETURN

detail	未找到相关资料
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Example:

```
{
  "detail": "未找到。"
}
```

Code Example:

C#:

```
var client = new RestClient("https://epms.eastech.com/api/sn_detail/1037020031/");
client.Timeout = -1;
var request = new RestRequest(Method.GET);
request.AddHeader("Authorization", "BEARER eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImF0ZSIsImIhdiI6MTYwNDQ1MzE3NywiZXBhIjoxNjA0NTM5NTc3LCJqdGkiOiI5NDY2ZDI2Mi0xZjYzLTRhNDgtYWYiYS1kN2NmNDk2NTQxN2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWdfawF0IjoxNjA0NDUzMTC3fQ.yJtMBil9LU8iQx95TImwmOdeWuW9tuBec-kxErD917M");
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

添加 HEADERS
KEY:Authorization
Value:LoginApi 获取到的 token

PYTHON:

```
import requests

url = "https://epms.eastech.com/api/sn_detail/1037020031/"

payload={}
headers = {
    'Authorization': 'BEARER eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImF0ZSIsImIhdCI6MTYwNDQ1MzE3NywiZXhwIjoxNjA0NTM5NTc3LCJqdGkiOiI5NDY2ZDI2Mi0xZjYzLTRhNDgtYWYyYS1kN2NmNDk2NTQxN2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWd faWF0IjoxNjA0NDUzMTc3fQ.yJtMBi19LU8iQx95TImwmOdeWuW9tuBec-kxErD917M'
}

response = requests.request("GET", url, headers=headers, data=payload)

print(response.text)
```

添加 HEADERS
KEY:Authorization
Value:LoginApi 获取到的 token

POST EXAMPLE:

Post Parameter:

work_order	工单号
sn	SerialNumber

Success RETURN:

msg	OK
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Example:

```
{
  "msg": "OK"
}
```

Fail Return:

msg	Error msg
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Example:

```
{
  "msg": "SN RULER CHECK NG!FIX"
}
```

Code Example:

C#:

```
var client = new RestClient("https://epms.eastech.com/api/sn_detail/");
client.Timeout = -1;
var request = new RestRequest(Method.POST);
request.AddHeader("Authorization", "BEARER eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9
.eYj1c2VybmFtZSI6ImF0ZSIsIm1hdCI6MTYwNDQ1MzE3NywiZCJhbnJjA0NTM5NTc3LCJqdGkiOi
I5NDY2ZDI2Mi0xZjYzLzRhdDgtYWYyS1k2NmNkdjN2QxN2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWdfda
WF0IjoxNjA0NDUzMTc3fQ.yjTMBil9LU8iQx95TImwmOdeWuW9tuBec-kxErD917M");
request.AlwaysMultipartFormData = true;
request.AddParameter("work_order", "1037020031");
request.AddParameter("sn", "BAJ614KM901584Z");
```

```
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

Python:

```
import requests

url = "https://epms.eastech.com/api/sn_detail/"

payload={'work_order': '1037020031',
'sn': 'BAJ614KM901584Z'}
files=[

]
headers = {
    'Authorization': 'BEARER eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VybmFtZSI6ImF0ZSIsImIhdCI6MTYwNDQ1MzE3NywiZXhwIjoxNjA0NTM5NTc3LCJqdGkiOiI5NDY2ZDI2Mi0xZjYzLTRhNDgtYWlyYS1kN2NmNDk2NTQxN2EiLCJ1c2VyX2lkIjo2NjEsIm9yaWdfaWF0IjoxNjA0NDUzMjc3fQ.yJtMBil9LU8iQx95TImwmOdeWuW9tuBec-kxErD917M'
}

response = requests.request("POST", url, headers=headers, data=payload, files=f
iles)

print(response.text)
```