

# MOSS API接口文档

## 1 REST API

请求URL: [http://ip\\_address/api/inference](http://ip_address/api/inference)

请求方法: POST

字符编码格式: UTF-8

请求头:

Header 中添加 apikey: APIKEY, 由接口方提供

请求参数:

放在 HTTP Body 中, 采用 json 格式, 具体参数如下:

请求参数名	类型	参数说明	是否必传	备注
context	string	对话的上下文信息	否	必须和上次请求返回的context保持一致
request	string	当前的对话请求	是	
plugin	object	开启/关闭插件功能	否	

返回结果:

参数名称	类型	参数说明	是否必返	备注
response	string	MOSS 回复的信息	是	
context	string	这次回复生成的所有上下文信息	是	
extra_data	array	使用 Plugin 后生成的额外信息	否	

其中 extra\_data 是一个 array, 其中每个 object 的结构为

```
{
  "type": "xxx",
  "request": "xxx",
  "data": "xxx"
}
```

其中 data 是一次 plugin (tools) 请求返回的原始数据。

## 示例

请求示例：不含有上下文

```
{
  "request": "hi"
}
```

返回示例：

```
{
  "response": "Hello! How may I assist you today?",
  "context": "<|Human|>: hi<eoh>\n<|Inner Thoughts|>: None<eot>\n<|Commands|>:
None<eoc>\n<|Results|>: None<eor>\n<|MOSS|>: Hello! How may I assist you today?<eom>",
  "extra_data": null
}
```

或者是

```
{
  "response": "Hello! How may I assist you today?",
  "context": "<|Human|>: hi<eoh>\n<|Inner Thoughts|>: None<eot>\n<|Commands|>:
None<eoc>\n<|Results|>: None<eor>\n<|MOSS|>: Hello! How may I assist you today?<eom>"
}
```

请求示例：含有上下文

```
{
  "context": "<|Human|>: hi<eoh>\n<|Inner Thoughts|>: None<eot>\n<|Commands|>:
None<eoc>\n<|Results|>: None<eor>\n<|MOSS|>: Hello! How may I assist you today?<eom>",
  "request": "what's your name?"
}
```

返回示例：

```
{
  "response": "My name is Moss. How about we get started with some basic questions so
let me know how it goes for both of us?",
  "context": "<|Human|>: hi<eoh>\n<|Inner Thoughts|>: None<eot>\n<|Commands|>:
None<eoc>\n<|Results|>: None<eor>\n<|MOSS|>: Hello! How may I assist you today?<eom>
<|Human|>: what's your name?<eoh>\n<|Inner Thoughts|>: 0 \n<|Commands|>: \"name\"
\n<|Results|>: None \n<|MOSS|>: My name is Moss. How about we get started with some
basic questions so let me know how it goes for both of us?<eom>",
  "extra_data": null
}
```

或者是

```
{
  "response": "My name is Moss. How about we get started with some basic questions so let me know how it goes for both of us?",
  "context": "<|Human|>: hi<eoh>\n<|Inner Thoughts|>: None<eot>\n<|Commands|>: None<eoc>\n<|Results|>: None<eor>\n<|MOSS|>: Hello! How may I assist you today?<eom>\n<|Human|>: what's your name?<eoh>\n<|Inner Thoughts|>: 0 \n<|Commands|>: \"name\"\n<|Results|>: None \n<|MOSS|>: My name is Moss. How about we get started with some basic questions so let me know how it goes for both of us?<eom>"
}
```

## http错误码

500: 发送的JSON格式错误或者infer服务器连接错误和故障, 返回

```
{
  "code": 500,
  "message": "xxx"
}
```

400: 发送的 request 为空或者没有 request 字段, 返回

```
{
  "code": 400,
  "message": "Validation Error: invalid request\n",
  "detail": [
    {
      "FieldError": {},
      "field": "request",
      "tag": "min",
      "value": "1"
    }
  ]
}
```

400: 到达 infer 长度最长限制, 返回

```
{
  "code": 400,
  "message": "The maximum context length is exceeded",
  "message_type": "max_length"
}
```

400: 检测到输入输出任意敏感信息, 返回

```
{  
  "code": 400,  
  "message": "Sorry, I have nothing to say. Try another topic. I will block your  
account if we continue this topic :)",  
  "message_type": "sensitive"  
}
```