


```

{
  "id": "chatcmpl-123",
  "object": "chat.completion",
  "created": 1677652288,
  "model": "deepseek-reasoner",
  "choices": [{
    "index": 0,
    "message": {
      "role": "assistant",
      "reasoning_content": "Step 1: Compare 9.11 and 9.8. Step 2: 9.11 is greater than 9.8. Step 3: 9.8 = 9.80. Step 4: 9.11 < 9.80. Step 5: 9.8 is greater than 9.11.",
      "content": "9.8 is greater than 9.11."
    },
    "finish_reason": "stop"
  }],
  "usage": {
    "prompt_tokens": 10,
    "completion_tokens": 15,
    "total_tokens": 25
  }
}

```

???? ?

```

curl https://$Burncloud_API_BaseUrl/v1/chat/completions \
  -H "Content-Type: application/json" \
  -H "Authorization: Bearer $Burncloud_API_KEY" \
  -d '{
    "model": "deepseek-reasoner",
    "messages": [
      {
        "role": "user",
        "content": "9.11 and 9.8, which is greater?"
      }
    ],
    "stream": true
  }'

```

□□□□□ :

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"role":"assistant","reasoning_content":"\u25a1\u25a1"},"finish_reason":null}]}
```

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"reasoning_content":"\u25a1\u25a1\u25a1"},"finish_reason":null}]}
```

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"reasoning_content":"\u25a1\u25a1:"},"finish_reason":null}]}
```

```
// ... \u25a1\u25a1\u25a1\u25a1\u25a1\u25a1 ...
```

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"content":"9.8"},"finish_reason":null}]}
```

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"content":" is greater"},"finish_reason":null}]}
```

```
// ... \u25a1\u25a1\u25a1\u25a1\u25a1\u25a1 ...
```

```
{"id":"chatcpl-123","object":"chat.completion.chunk","created":1694268190,"model":"deepseek-reasoner","choices":[{"index":0,"delta":{"finish_reason":"stop"}]}
```

? ??

??

```
POST /v1/chat/completions
```

????

```
\u25a1\u25a1\u25a1\u25a1\u25a1\u25a1\u25a1\u25a1\u25a1
```

```
API \u25a1\u25a1\u25a1
```

```
Authorization: Bearer $Burncloud_API_KEY
```

```
\u25a1 \u25a1 $DEEPSEEK_API_KEY \u25a1\u25a1 API \u25a1\u25a1
```

?????

messages

- []
- []

[] 400 []

, []

messages []

reasoning_content [] API

model

- []
- []
- [] deepseek-reasoner

[]

ID []

deepseek-reasoner []

max_tokens

- []
- []
- [] 4096
- [] 8192

[]

32K tokens []

stream

- []
- []
- [] false

[]

??????

[] :

- temperature
- top_p
- presence_penalty
- frequency_penalty
- logprobs
- top_logprobs

- []
- [] :
 - index: []
 - message: []
 - role: [] , [] "assistant"
 - reasoning_content: []
 - content: []
 - finish_reason: []

usage

- []
- [] token []
- [] :
 - prompt_tokens: [] token []
 - completion_tokens: [] token []
 - total_tokens: [] token []

? ????????

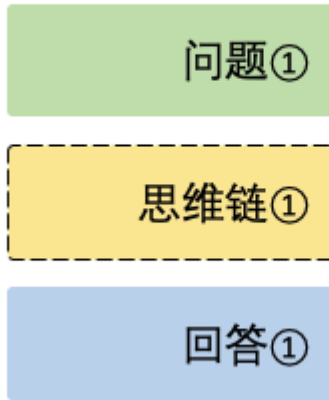
[]

reasoning_content[]

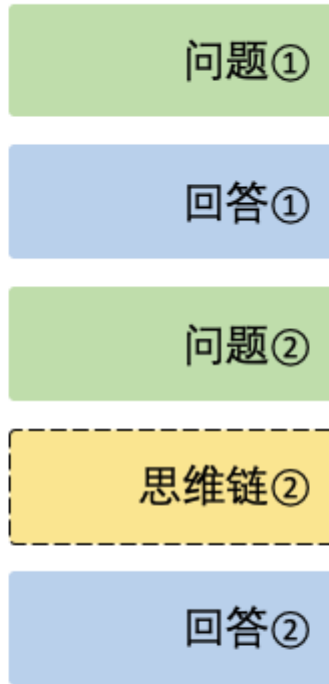
content

[]

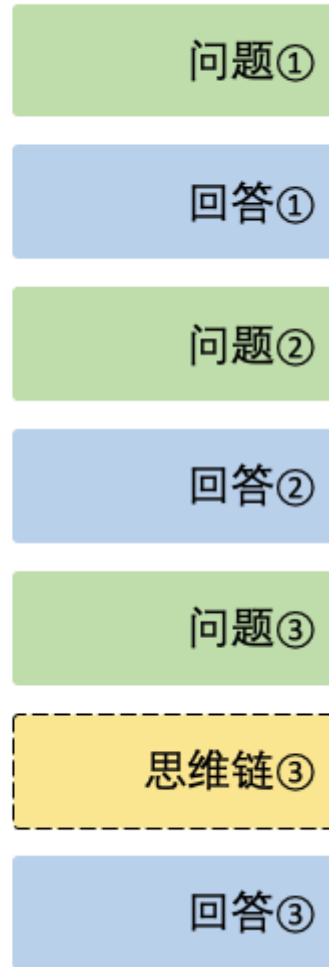
第一轮对话



第二轮对话



第三轮对话



```
!!! warning " " messages reasoning_content API 400
reasoning_content API
```

:

```
from openai import OpenAI
client = OpenAI(api_key="<DeepSeek API Key>", base_url="https://$Burncloud_API_BaseUrl")

# 
messages = [{"role": "user", "content": "9.11 and 9.8, which is greater?"}]
response = client.chat.completions.create(
    model="deepseek-reasoner",
    messages=messages
)

reasoning_content = response.choices[0].message.reasoning_content
content = response.choices[0].message.content
```

```

# assistant - assistant content
messages.append({'role': 'assistant', 'content': content})
messages.append({'role': 'user', 'content': "How many Rs are there in the word
'strawberry?'"})
response = client.chat.completions.create(
    model="deepseek-reasoner",
    messages=messages
)

```

assistant :

```

# assistant
messages = [{"role": "user", "content": "9.11 and 9.8, which is greater?"}]
response = client.chat.completions.create(
    model="deepseek-reasoner",
    messages=messages,
    stream=True
)

reasoning_content = ""
content = ""

for chunk in response:
    if chunk.choices[0].delta.reasoning_content:
        reasoning_content += chunk.choices[0].delta.reasoning_content
    else:
        content += chunk.choices[0].delta.content

# assistant - assistant content
messages.append({"role": "assistant", "content": content})
messages.append({'role': 'user', 'content': "How many Rs are there in the word
'strawberry?'"})
response = client.chat.completions.create(
    model="deepseek-reasoner",
    messages=messages,
    stream=True
)

```

Revision #5

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