

```
1  #!/usr/bin/env python
2  # -*- coding: utf-8 -*-
3
4
5  import sys
6  import json
7
8  from fastapi import APIRouter, Depends
9  from pydantic import BaseModel
10 from typing import Optional
11
12 from APP import channel
13
14 DEBUG = False # True
15
16
17 class Channel(BaseModel):
18     id: str
19     name: Optional[str] = None
20     owner: Optional[str] = None
21
22
23 router = APIRouter(
24     prefix="/channel",
25     tags=["channel"],
26 )
27
28
29 @router.get("/")
30 async def channel_list():
31     print("channel_list")
32
33     """
34     DBを検索してチャンネル一覧を取得して返す、結果は id,name のリスト
35     """
36
37     c_list = channel.list_channel()
38
39     return {"Status": "OK", "channel":c_list}
40
```

```
41 @router.post("/")
42 async def create_channel(ch: Channel):
43     print("create_channel", ch)
44     """
45     ユーザを登録する
46     リクエストボディで id,name,owner をもらう
47     """
48
49     res = channel.create_channel(ch.id, ch.name, ch.owner)
50
51     return {"Status": "OK"}
52
53 @router.get("/{channel_id}", response_model=Channel)
54 async def get_channel(channel_id: str):
55     print("get_channel", channel_id)
56     """
57     channel_id でチャンネルを検索して情報を返す
58     """
59     res = channel.get_channel(channel_id)
60     c = None
61     if res:
62         c = Channel(id=res.id, name=res.name, owner=res.owner)
63
64     return c
65
66
67 @router.delete("/{channel_id}")
68 async def delete_channel(channel_id: str):
69     print("delete_channel", channel_id)
70
71     res = channel.delete_channel(channel_id)
72
73     return {"Status": "OK"}
```