

## #1 Cuck Norris Joke API

```
Unidad2-R1 > Chucknorris.py > ...
1  '''
2  Descripcion:Chuck Norris Joke API
3  Author: Zuñiga Olvera Jorge Daniel
4  Fecha: 16-11-2023
5  '''
6  import requests
7
8  main_api = "https://api.chucknorris.io/jokes/random"
9
10 while True:
11     try:
12         user_input = input("Presiona Enter para obtener un chiste de Chuck Norris o escribe 'exit' para salir: ")
13
14         if user_input.lower() == 'exit':
15             print("Hasta Luego!")
16             break
17
18         json_data = requests.get(main_api).json()
19
20         joke = json_data['value']
21
22         print("Chuck Norris broma: " + joke)
23
24     except Exception as e:
25         print("Ocurrió un error:", e)
26
```

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• dani@daniel:~/Escritorio/test_git/programacion-redes-2023$ /bin/python3 /home/dani/Escritorio/test_git/programacion-redes-2023/Unidad2-R1/Chucknorris.py
Presiona Enter para obtener un chiste de Chuck Norris o escribe 'exit' para salir:
Chuck Norris broma: All people with hemorrhoids have been the recipient of a Chuck Norris roundhouse kick to the mouth that was delivered so severely that it caused their tongue, tonsils and adenoids to protrude from their asshole.
Presiona Enter para obtener un chiste de Chuck Norris o escribe 'exit' para salir:
Chuck Norris broma: When Chuck Norris gets hot, he decides to take a niiaiiice dip in quicksand.
Presiona Enter para obtener un chiste de Chuck Norris o escribe 'exit' para salir: exit
Hasta Luego!
• dani@daniel:~/Escritorio/test_git/programacion-redes-2023$
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## # 2 Hockey

```
Unidad2-R1 > Hearthstone.py > fetch_data

6 import http.client
7 import json
8
9 def fetch_data():
10     conn = http.client.HTTPSConnection("omgvamp-hearthstone-v1.p.rapidapi.com")
11
12     headers = {
13         'X-RapidAPI-Key': 'f1bfb4a9f7msh7407a5f55245c33p17409ajsnf005dd1a9a58',
14         'X-RapidAPI-Host': 'omgvamp-hearthstone-v1.p.rapidapi.com'
15     }
16     user_input = input("Escribe el endpoint de la API (por ejemplo, '/info', '/cards', etc.): ")
17
18     api_path = f'/{user_input.strip()}'
19
20     conn.request("GET", api_path, headers=headers)
21
22     res = conn.getresponse()
23     data = res.read()
24
25     if res.status == 200:
26
27         print(f'URL de la API: {conn.host}{api_path}')
28
29         print(json.loads(data.decode("utf-8")))
30     else:
31         print("Error de respuesta del servidor:", data.decode("utf-8"))
32         print("Código de estado:", res.status)
33
34     conn.close()
35     fetch_data()
```

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PROBLEMAS  SALIDA  CONSOLA DE DEPURACIÓN  TERMINAL  PUERTOS

/bin/python3 /home/dani/Escritorio/test_git/programacion-redes-2023/Unidad2-R1/Hearthstone.py
• dani@daniel:~/Escritorio/test_git/programacion-redes-2023$ /bin/python3 /home/dani/Escritorio/test_git/programacion-redes-2023/
Unidad2-R1/Hearthstone.py
Escribe el endpoint de la API (por ejemplo, '/info', '/cards', etc.): info
URL de la API: omgvamp-hearthstone-v1.p.rapidapi.com/info
{'patch': '28.0.0.189017', 'classes': ['Death Knight', 'Druid', 'Hunter', 'Mage', 'Paladin', 'Priest', 'Rogue', 'Shaman', 'Warl
ock', 'Warrior', 'Dream', 'Neutral', 'Whizbang', 'Demon Hunter'], 'sets': ['Basic', 'Classic', 'Hall of Fame', 'Missions', 'Dem
o', 'System', 'Slush', 'Promo', 'Naxxramas', 'Goblins vs Gnomes', 'Blackrock Mountain', 'The Grand Tournament', 'Credits', 'Her
o Skins', 'Tavern Brawl', 'The League of Explorers', 'Whispers of the Old Gods', 'Whispers of the Old Gods', 'One Night in Kara
zhan', 'One Night in Karazhan', 'Mean Streets of Gadgetzan', 'Mean Streets of Gadgetzan', 'Journey to Un'Goro', 'Knights of the
Frozen Throne', 'Kobolds & Catacombs', 'The Witchwood', 'The Boomsday Project', 'Rastakhan's Rumble', 'Rise of Shadows', 'Tave
rns of Time', 'Saviors of Uldum', 'Descent of Dragons', 'Galakrond's Awakening', 'Ashes of Outland', 'Wild Event', 'Scholomance
Academy', 'Battlegrounds', 'Demon Hunter Initiate', 'Madness at the Darkmoon Faire', 'Forged in the Barrens', 'Legacy', 'Core'
, 'Classic', 'Wailing Caverns', 'United in Stormwind', 'Mercenaries', 'Fractured in Alterac Valley', 'Voyage to the Sunken City
', 'Unknown', 'Murder at Castle Nathria', 'March of the Lich King', 'Path of Arthas', 'Festival of Legends', 'TITANS', 'Caverns
of Time', 'Showdown in the Badlands', 'Tutorial'], 'standard': ['Core', 'Forged in the Barrens', 'United in Stormwind', 'Fract
ured in Alterac Valley', 'Voyage to the Sunken City', 'Murder at Castle Nathria', 'March of the Lich King', 'Path of Arthas', '
Festival of Legends', 'TITANS', 'Showdown in the Badlands'], 'wild': ['Legacy', 'Promo', 'Naxxramas', 'Goblins vs Gnomes', 'Bla
ckrock Mountain', 'The Grand Tournament', 'The League of Explorers', 'Whispers of the Old Gods', 'Whispers of the Old Gods', 'O
ne Night in Karazhan', 'One Night in Karazhan', 'Mean Streets of Gadgetzan', 'Mean Streets of Gadgetzan', 'Journey to Un'Goro',
'Knights of the Frozen Throne', 'Kobolds & Catacombs', 'The Witchwood', 'The Boomsday Project', 'Rastakhan's Rumble', 'Rise of
Shadows', 'Saviors of Uldum', 'Descent of Dragons', 'Galakrond's Awakening', 'Ashes of Outland', 'Wild Event', 'Scholomance
Academy', 'Madness at the Darkmoon Faire', 'Forged in the Barrens', 'United in Stormwind', 'Fractured in Alterac Valle
y', 'Voyage to the Sunken City', 'Murder at Castle Nathria', 'March of the Lich King', 'Path of Arthas', 'Festival of Legends',
'TITANS', 'Caverns of Time', 'Showdown in the Badlands'], 'types': ['Hero', 'Minion', 'Spell', 'Enchantment', 'Weapon', 'Hero
Power', 'Location'], 'factions': ['Horde', 'Alliance', 'Neutral'], 'qualities': ['Common', 'Free', 'Rare', 'Epic', 'Legendary'],
'racess': ['Orc', 'Undead', 'Murloc', 'Demon', 'Mech', 'Elemental', 'Beast', 'Totem', 'Pirate', 'Dragon', 'All', 'Quilboar', '
Naga'], 'locales': {'DE_DE': 'deDE', 'EN_GB': 'enGB', 'EN_US': 'enUS', 'ES_ES': 'esES', 'ES_MX': 'esMX', 'FR_FR': 'frFR', 'IT_I
T': 'itIT', 'KO_KR': 'koKR', 'PL_PL': 'pLPL', 'PT_BR': 'ptBR', 'RU_RU': 'ruRU', 'ZH_CN': 'zhCN', 'ZH_TW': 'zhTW', 'JA_JP': 'jaJ
P', 'TH_TH': 'thTH'}}
• dani@daniel:~/Escritorio/test_git/programacion-redes-2023$
```