Indent_dict

February 19, 2020

```python
[5]: import json
```

```python
[6]: with open("fonte.json") as access_json:
         read_content = json.load(access_json)
```

```python
[7]: read_content
```

```
[7]: {'results': [{'_class': 'question',
        'course': {'_class': 'course',
         'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
         'url': '/the-complete-guide-to-angular-2/'},
        'replies': [{'_class': 'answer',
          'user': {'_class': 'user',
           'display_name': 'Maximilian Schwarzmueller'}}]},
       {'_class': 'question',
        'course': {'_class': 'course',
         'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
         'url': '/the-complete-guide-to-angular-2/'},
        'replies': [{'_class': 'answer',
          'user': {'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}},
         {'_class': 'answer',
          'user': {'_class': 'user', 'display_name': 'Daniel Weat'}}]},
       {'_class': 'question',
        'course': {'_class': 'course',
         'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
         'url': '/the-complete-guide-to-angular-2/'},
        'replies': [{'_class': 'answer',
          'user': {'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}},
         {'_class': 'answer',
          'user': {'_class': 'user', 'display_name': 'Mike Jauranol'}},
         {'_class': 'answer',
          'user': {'_class': 'user', 'display_name': 'Mike Jauranol'}},
         {'_class': 'answer',
          'user': {'_class': 'user',
           'display_name': 'Maximilian Schwarzmueller'}}]},
       {'_class': 'question',
        'course': {'_class': 'course',
```

```
        'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
        'url': '/the-complete-guide-to-angular-2/'},
       'replies': [{'_class': 'answer',
         'user': {'_class': 'user',
          'display_name': 'Maximilian Schwarzmueller'}}]},
      {'_class': 'question',
       'course': {'_class': 'course',
        'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
        'url': '/the-complete-guide-to-angular-2/'},
       'replies': [{'_class': 'answer',
         'user': {'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}},
        {'_class': 'answer',
         'user': {'_class': 'user', 'display_name': 'Bernd Raucher'}},
        {'_class': 'answer',
         'user': {'_class': 'user',
          'display_name': 'Maximilian Schwarzmueller'}}]}]}
```

[98]:
```python
question_access = (read_content["results"])
```

[101]:
```python
print(type(question_access))
print(question_access)
```

```
<class 'list'>
[{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}]}, {'_class': 'question',
'course': {'_class': 'course', 'title': 'Angular 7 (formerly Angular 2) - The
Complete Guide', 'url': '/the-complete-guide-to-angular-2/'}, 'replies':
[{'_class': 'answer', 'user': {'_class': 'user', 'display_name': 'Maximilian
Schwarzmueller'}}, {'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Daniel Weat'}}]}, {'_class': 'question', 'course': {'_class':
'course', 'title': 'Angular 7 (formerly Angular 2) - The Complete Guide', 'url':
'/the-complete-guide-to-angular-2/'}, 'replies': [{'_class': 'answer', 'user':
{'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}}, {'_class':
'answer', 'user': {'_class': 'user', 'display_name': 'Mike Jauranol'}},
{'_class': 'answer', 'user': {'_class': 'user', 'display_name': 'Mike
Jauranol'}}, {'_class': 'answer', 'user': {'_class': 'user', 'display_name':
'Maximilian Schwarzmueller'}}]}, {'_class': 'question', 'course': {'_class':
'course', 'title': 'Angular 7 (formerly Angular 2) - The Complete Guide', 'url':
'/the-complete-guide-to-angular-2/'}, 'replies': [{'_class': 'answer', 'user':
{'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}}]}, {'_class':
'question', 'course': {'_class': 'course', 'title': 'Angular 7 (formerly Angular
2) - The Complete Guide', 'url': '/the-complete-guide-to-angular-2/'},
'replies': [{'_class': 'answer', 'user': {'_class': 'user', 'display_name':
'Maximilian Schwarzmueller'}}, {'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Bernd Raucher'}}, {'_class': 'answer', 'user': {'_class':
```

```
    'user', 'display_name': 'Maximilian Schwarzmueller'}}]}]
```

[103]:
```
question_access[0]
```

[103]:
```
{'_class': 'question',
 'course': {'_class': 'course',
  'title': 'Angular 7 (formerly Angular 2) - The Complete Guide',
  'url': '/the-complete-guide-to-angular-2/'},
 'replies': [{'_class': 'answer',
   'user': {'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}}]}
```

[105]:
```
for question_data in question_access:
    print(question_data)
```

```
{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}]}
{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}, {'_class': 'answer', 'user':
{'_class': 'user', 'display_name': 'Daniel Weat'}}]}
{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}, {'_class': 'answer', 'user':
{'_class': 'user', 'display_name': 'Mike Jauranol'}}, {'_class': 'answer',
'user': {'_class': 'user', 'display_name': 'Mike Jauranol'}}, {'_class':
'answer', 'user': {'_class': 'user', 'display_name': 'Maximilian
Schwarzmueller'}}]}
{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}]}
{'_class': 'question', 'course': {'_class': 'course', 'title': 'Angular 7
(formerly Angular 2) - The Complete Guide', 'url': '/the-complete-guide-to-
angular-2/'}, 'replies': [{'_class': 'answer', 'user': {'_class': 'user',
'display_name': 'Maximilian Schwarzmueller'}}, {'_class': 'answer', 'user':
{'_class': 'user', 'display_name': 'Bernd Raucher'}}, {'_class': 'answer',
'user': {'_class': 'user', 'display_name': 'Maximilian Schwarzmueller'}}]}
```

[106]:
```
replies_access = question_data["replies"]
```

[109]:
```
for replies_data in replies_access:
    print(replies_data)
```

```
{'_class': 'answer', 'user': {'_class': 'user', 'display_name': 'Maximilian
```

```
Schwarzmueller'}}
{'_class': 'answer', 'user': {'_class': 'user', 'display_name': 'Bernd
Raucher'}}
{'_class': 'answer', 'user': {'_class': 'user', 'display_name': 'Maximilian
Schwarzmueller'}}
```

[118]:
```python
user_name = replies_data["user"]["display_name"]
```

[13]:
```python
def get_users_name():
    question_access = read_content["results"]
    for question_data in question_access:
        replies_access = question_data["replies"]
        for replies_data in replies_access:
            user_name = replies_data["user"]["display_name"]
            print(user_name)
```

[8]:
```python
def elenco_utenti():
    for question_data in read_content["results"]:
        for replies_data in question_data["replies"]:
            utente = replies_data["user"]["display_name"]
            print(utente)
```

[9]:
```python
elenco_utenti()
```

```
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Daniel Weat
Maximilian Schwarzmueller
Mike Jauranol
Mike Jauranol
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Bernd Raucher
Maximilian Schwarzmueller
```

[14]:
```python
get_users_name()
```

```
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Daniel Weat
Maximilian Schwarzmueller
Mike Jauranol
Mike Jauranol
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Maximilian Schwarzmueller
Bernd Raucher
```

Maximilian Schwarzmueller

[ ]: