LOG3430 -Méthodes de test et de validation du logiciel

TP4 – Test OO - MaDUM

Groupe 1

Équipe 7

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Hiver 2022

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	crud()	get_new_user_id	get_new_group_id	convert_to_unix	add_new_user	add_new_group	read_users_file
users_data	C	O			T	T	
groups_data	C		O		T	T	
users_lookup	C				T	O	
groups_lookup	C				T	T	

	read_groups_file	get_user_data	get_groups_data	get_user_id	get_group_id	modify_users_file	modify_groups_file
users_data		R					
groups_data			R				
users_lookup				R			
groups_lookup					R		

	update_users	update_groups	remove_user	remove_user_group	remove_group	remove_group_member
users_data	T	O	T	T		
groups_data		T			T	T
users_lookup	T	T	T			
groups_lookup	O	T			T	

Données de tests

```python
def setUp(self):
    self.users_data = {
        "1": {
            "name": "alex@gmail.com",
            "Trust": 100,
            "SpamN": 0,
            "HamN": 20,
            "Date_of_first_seen_message": 1596844800.0,
            "Date_of_last_seen_message": 1596844800.0,
            "Groups": ["default"],
        },
        "2": {
            "name": "mark@mail.com",
            "Trust": 65.45454,
            "SpamN": 171,
            "HamN": 324,
            "Date_of_first_seen_message": 1596844800.0,
            "Date_of_last_seen_message": 1596844800.0,
            "Groups": ["default"],
        }
    }

    self.groups_data = {
        "1": {
            "name": "default",
            "Trust": 50,
            "List_of_members": ["alex@gmail.com", "mark@mail.com"],
        },
    }
```

Afin de créer nos tests, nous avons généré toutes les combinaisons (séquences) possibles pour nos 4 transformateurs (add new group, update groups, remove group, remove group member) :

1. `add_new_group, update_groups, remove_group, remove_group_member`
   ```
   crud()
   add_new_group
   update_groups
   remove_group
   remove_group_member
   get_groups_data()
   ```

2. `update_groups, add_new_group, remove_group, remove_group_member`
   ```
   crud()
   update_groups
   add_new_group
   remove_group
   remove_group_member
   get_groups_data()
   ```

3. `remove_group, add_new_group, update_groups, remove_group_member`
   ```
   crud()
   remove_group
   add_new_group
   update_groups
   remove_group_member
   get_groups_data()
   ```

4. `add_new_group, remove_group, update_groups, remove_group_member`
   ```
   crud()
   add_new_group
   remove_group
   update_groups
   remove_group_member
   get_groups_data()
   ```

5. `update_groups, remove_group, add_new_group, remove_group_member`

```
crud()
update_groups
remove_group
add_new_group
remove_group_member
get_groups_data()
```

6. remove_group, update_groups, add_new_group, remove_group_member

```
crud()
remove_group
update_groups
add_new_group
remove_group_member
get_groups_data()
```

7. remove_group_member, update_groups, add_new_group, remove_group

```
crud()
remove_group_member
update_groups
add_new_group
remove_group
get_groups_data()
```

8. update_groups, remove_group_member, add_new_group, remove_group

```
crud()
update_groups
remove_group_member
add_new_group
remove_group
get_groups_data()
```

9. add_new_group, remove_group_member, update_groups, remove_group

```
crud()
add_new_group
remove_group_member
```

```
update_groups
remove_group
get_groups_data()
```

10.   remove_group_member, add_new_group, update_groups,
remove_group

```
crud()
remove_group_member
add_new_group
update_groups
remove_group
get_groups_data()
```

11.   update_groups, add_new_group, remove_group_member,
remove_group

```
crud()
update_groups
add_new_group
remove_group_member
remove_group
get_groups_data()
```

12.   add_new_group, update_groups, remove_group_member,
remove_group

```
crud()
add_new_group
update_groups
remove_group_member
remove_group
get_groups_data()
```

13.   remove_group, update_groups, remove_group_member,
add_new_group

```
crud()
remove_group
```

```
update_groups
remove_group_member
add_new_group
get_groups_data()
```

14.   update_groups, remove_group, remove_group_member,
add_new_group

```
crud()
update_groups
add_new_group
remove_group
remove_group_member
get_groups_data()
```

15.   add_new_group, remove_group, remove_group_member,
update_groups

```
crud()
add_new_group
remove_group
remove_group_member
update_groups
get_groups_data()
```

16.   remove_group, add_new_group, remove_group_member,
update_groups

```
crud()
remove_group
add_new_group
remove_group_member
update_groups
get_groups_data()
```

17.   remove_group_member, add_new_group, remove_group,
update_groups

```
crud()
```

```
remove_group_member
add_new_group
remove_group
update_groups
get_groups_data()
```

18.   add_new_group, remove_group_member, remove_group,
   update_groups
```
crud()
add_new_group
remove_group_member
remove_group
update_groups
get_groups_data()
```

19.   remove_group, remove_group_member, add_new_group,
   update_groups
```
crud()
remove_group
remove_group_member
add_new_group
update_groups
get_groups_data()
```

20.   remove_group_member, remove_group, add_new_group,
   update_groups
```
crud()
remove_group_member
remove_group
add_new_group
update_groups
get_groups_data()
```

21.   remove_group_member, remove_group, update_groups,
   add_new_group

```
crud()
remove_group_member
remove_group
update_groups
add_new_group
get_groups_data()
```

22.   remove_group, remove_group_member, update_groups,
add_new_group
```
crud()
remove_group_member
remove_group
update_groups
add_new_group
get_groups_data()
```

23.   update_groups, remove_group_member, remove_group,
add_new_group
```
crud()
update_groups
remove_group_member
remove_group
add_new_group
get_groups_data()
```

24.   remove_group_member, update_groups, remove_group,
add_new_group
```
crud()
remove_group_member
update_groups
remove_group
add_new_group
get_groups_data()
```