LOG3430 - MÉTHODES DE TEST ET

DE VALIDATION DU LOGICIEL

LABORATOIRE 1

TESTS UNITAIRES

D´epartement de g´enie informatique et de g´enie logiciel E´cole Polytechnique de Montr´eal

Text

Description automatically generated

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**Matrice MaDUM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | users\_data | groups\_data | users\_lookup | groups\_lookup |
| \_\_init\_\_() | c | c | c | c |
| get\_new\_user\_id() | o |  |  |  |
| get\_new\_group\_id() |  | o |  |  |
| convert\_to\_unix() |  |  |  |  |
| add\_new\_user() | t |  | t |  |
| add\_new\_group() | t | t |  | t |
| read\_users\_file() |  |  |  |  |
| read\_groups\_file() |  |  |  |  |
| get\_user\_data() | r |  |  |  |
| get\_groups\_data() |  | r |  |  |
| get\_user\_id() |  |  | r |  |
| get\_group\_id() |  |  |  | r |
| modify\_users\_file() |  |  |  |  |
| modify\_groups\_file() |  |  |  |  |
| update\_users() | t |  | t | o |
| update\_groups() | o | t | o | t |
| remove\_user() | t |  | t |  |
| remove\_user\_group() | t |  |  |  |
| remove\_group() |  | t |  | t |
| remove\_group\_member() |  | t |  |  |

**Séquences d’appels**

Constructeur

Init -> get\_groups\_data

Rapporteur

Init -> add\_new\_group -> get\_groups\_data

Transformateur

1) Init -> add\_new\_group -> update\_groups -> remove\_group -> remove\_group\_member -> get\_groups\_data

2) Init -> add\_new\_group -> update\_groups -> remove\_group\_member -> remove\_group -> get\_groups\_data

3) Init -> add\_new\_group -> remove\_group\_member -> update\_groups -> remove\_group -> get\_groups\_data

4) Init -> add\_new\_group -> remove\_group\_member -> remove\_group -> update\_groups -> get\_groups\_data

5) Init -> add\_new\_group -> remove\_group -> update\_groups -> remove\_group\_member -> get\_groups\_data

6) Init -> add\_new\_group -> remove\_group -> remove\_group\_member -> update\_groups -> get\_groups\_data

7) Init -> remove\_group -> remove\_group\_member -> add\_group -> update\_groups -> get\_groups\_data

8) Init -> remove\_group -> remove\_group\_member -> update\_groups -> add\_group -> get\_groups\_data

9) Init -> remove\_group -> add\_group -> remove\_group\_member -> update\_groups -> get\_groups\_data

10) Init -> remove\_group -> add\_group -> update\_groups -> remove\_group\_member -> get\_groups\_data

11) Init -> remove\_group -> update\_groups -> add\_group -> remove\_group\_member -> get\_groups\_data

12) Init -> remove\_group -> update\_groups -> remove\_group\_member -> add\_group -> get\_groups\_data

13) Init -> update\_groups -> remove\_group -> remove\_group\_member -> add\_group -> get\_groups\_data

14) Init -> update\_groups -> remove\_group -> add\_group -> remove\_group\_member -> get\_groups\_data

15) Init -> update\_groups -> add\_group -> remove\_group -> remove\_group\_member -> get\_groups\_data

16) Init -> update\_groups -> add\_group -> remove\_group\_member -> remove\_group -> get\_groups\_data

17) Init -> update\_groups -> remove\_group\_member -> remove\_group -> add\_group -> get\_groups\_data

18) Init -> update\_groups -> remove\_group\_member -> add\_group -> remove\_group -> get\_groups\_data

19) Init -> remove\_group\_member -> update\_groups -> remove\_group -> add\_group -> get\_groups\_data

20) Init -> remove\_group\_member -> update\_groups -> add\_group -> remove\_group -> get\_groups\_data

21) Init -> remove\_group\_member -> add\_group -> update\_groups -> remove\_group -> get\_groups\_data

22) Init -> remove\_group\_member -> add\_group -> remove\_group -> update\_groups -> get\_groups\_data

23) Init -> remove\_group\_member -> remove\_group -> update\_groups -> add\_group -> get\_groups\_data

24) Init -> remove\_group\_member -> remove\_group -> add\_group -> update\_groups -> get\_groups\_data

Autre

Init -> add\_new\_group -> get\_new\_group\_id