# Tests unitaires de méthodes de la classe Gestion

**ajouterEvenement :**

<u>Test unitaire de :</u> *public ArrayList<CodeErreur> ajouterEvenement(String unNom, String unDescriptif, String uneImage, Date uneDate, String unLieu, int unNbMaxPersonnes, TypeEvenement unType)*

<u>Résultat :</u>
- null : ajout réussi
- ArrayList<CodeErreur> : erreur de création de l'événement

| Initialisation<br>**this.listeEvenements** | Paramètres<br>***(unNom, unDescriptif, uneImage, uneDate, unLieu, unNbMaxPersonnes, unType)*** | Modification<br>**this.listeEvenements** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [] | ("Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS) ] | null |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS)] | ("ag", "assemblée générale", "url","08/06/22 12:45","bureau",20, TypeEvenement.AG) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS) , (2,"ag", "assemblée générale", "url","08/06/22","bureau", 20, TypeEvenement.AG)] | null |
| [] | ("Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",-90, TypeEvenement.REPAS) | [] | [CodeErreur.NB_MAX_PERSONNES_TROP_PETIT] |
| [] | ("", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS) | [] | [CodeErreur.NOM_VIDE] |
| [] | ("", "Description de l'événement", "url",null,"adresse",500, TypeEvenement.REPAS) | [] | [CodeErreur.NOM_VIDE, CodeErreur.DATE_NULL] |

## supprimerEvenement :

Test unitaire de : *public int supprimerEvenement(int unId)*

Résultat :
- null : suppression réussie
- ArrayList<CodeErreur> : non présent dans la liste

| Initialisation<br>**this.listeEvenements** | Paramètre<br>*(unId)* | Modification<br>**this.listeEvenements** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (2) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS)] | null |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (0) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.EVENEMENT_INTROUVABLE] |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (-1) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.EVENEMENT_INTROUVABLE] |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (3) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.EVENEMENT_INTROUVABLE] |

## modifierEvenement :

Test unitaire de : *public ArrayList<CodeErreur> modifierEvenement(int unId, String unNom, String unDescriptif, String uneImage, Date uneDate, String unLieu, int unNbMaxPersonnes, TypeEvenement unType)*

Résultat :
- null : modifications réussies
- ArrayList<CodeErreur> : erreur de modification

| Initialisation<br>**this.listeEvenements** | Paramètres<br>*(unId, unNom, unDescriptif, uneImage, uneDate, unLieu, unNbMaxPersonnes, unType)* | Modification<br>**this.listeEvenements** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (1,"**nom**", "Description de l'événement", "url","27/06/22 15:30","adresse",**200**, TypeEvenement.REPAS) | [(1,"**nom**", "Description de l'événement", "url","27/06/22 15:30","adresse",**200**, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | null |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (**3**,"**nom**", "Description de l'événement", "url","27/06/22 15:30","adresse",**200**, TypeEvenement.REPAS) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.EVENEMENT_INTROUVABLE] |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (**-1**,"**nom**", "Description de l'événement", "url","27/06/22 15:30","adresse",**200**, TypeEvenement.REPAS) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.EVENEMENT_INTROUVABLE] |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",**-500**, TypeEvenement.REPAS) | [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | [CodeErreur.NB_MAX_PERSONNES_TROP_PETIT] |

## getEvenement :

Test unitaire de : *public Evenement getEvenement(int unId)*

Résultat :
- Evenement : l'evènement est trouvé
- null : l'evènement n'est pas trouvé

| Initialisation **this.listeEvenements** | Paramètre *(unId)* | Résultat **Evenement** |
|---|---|---|
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (1) | (1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS) |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (0) | null |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (-1) | null |
| [(1,"Un événement", "Description de l'événement", "url","27/06/22 15:30","adresse",500, TypeEvenement.REPAS), (2,"ag", "assemblée générale", "url","08/06/22","bureau",20, TypeEvenement.AG)] | (3) | null |

## ajouterMembre :

Test unitaire de : *public ArrayList<CodeErreur> ajouterMembre(String unPseudo, String unNom, String unPrenom, String unLieuNaissance, Date uneDateNaissance, String uneVille, String unMail, String unMotDePasse)*

Résultat :
- null : ajout réussi
- ArrayList<CodeErreur> : erreur de création de l'événement

| Initialisation<br>**this.listeMembre** | Paramètres<br>***(unPseudo, unNom, unPrenom, unLieuNaissance, uneDateNaissance, uneVille, unMail, unMotDePasse)*** | Modification<br>**this.listeMembres** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [] | ("p1", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp") | ("p1", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp") | null |
| [("p1", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | ("p2", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp") | [("p1", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("p2", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp")] | null |
| [] | (null, null, null, null, null, null, null, null) | [] | [PSEUDO_NULL, NOM_NULL, PRENOM_NULL, LIEU_NULL, DATE_NULL, VILLE_NULL, MAIL_NULL, MDP_NULL] |
| [("p1", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | ("p2", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp") | [] | [CodeErreur.PSEUDO_DEJA_EXISTANT] |

## supprimerMembre :

<u>Test unitaire de :</u> *public int supprimerMembre(String unPseudo)*

<u>Résultat :</u>
- null : suppression réussie
- ArrayList<CodeErreur> : non présent dans la liste

| Initialisation<br>**this.listeMembres** | Paramètre<br>*(unPseudo)* | Modification<br>**this.listeMembre** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp")] | GillesDu25 | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | null |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | Robert65 | [] | null |
| [] | Robert65 | [] | [MEMBRE_INTROUVABLE] |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | GillesDu25 | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp")] | [MEMBRE_INTROUVABLE] |

## modifierMembre :

Test unitaire de : *public ArrayList<CodeErreur> modifierMembre(String ancienPseudo, String unPseudo, String unNom, String unPrenom, String unLieuNaissance, Date uneDateNaissance, String uneVille, String unMail, String unMotDePasse)*

Résultat :
- null : modifications réussies
- ArrayList<CodeErreur> : erreur de modification

| Initialisation<br>**this.listeMembres** | Paramètres<br>*(ancienPseudo, unPseudo, unNom, unPrenom, unLieuNaissance, uneDateNaissance, uneVille, unMail, unMotDePasse)* | Modification<br>**this.listeMembres** | Résultat<br>**ArrayList<CodeErreur>** |
|---|---|---|---|
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp")] | ("Robert65", "**Rob**", "n", "pr", "l", **01/01/2022**, "v", "m@m.m", "mdppppp") | [("**Rob**", "n", "pr", "l", **01/01/2022**, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp")] | null |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | ("Robert65", "Robert65", "**nn**", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp") | [("Robert65", "**nn**", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "vv", "mm@m.m", "mmdppppp")] | null |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | ("Robert65", "Robert65", **null**, **null**, "l", 07/11/2001, "v", "m@m.m", "mdppppp") | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | [NOM_NULL, PRENOM_NULL] |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | ("**Rob**", "Robert", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp") | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | [MEMBRE_INTROUVABLE] |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | ("Robert65", "**GillesDu25**", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp") | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdppppp"), ("GillesDu25", "nn", "prr", "ll", 07/11/2001, "v", "mm@m.m", "mmdppppp")] | [PSEUDO_DEJA_EXISTANT] |

## getMembre :

Test unitaire de : *public Membre getMembre(String unPseudo)*

Résultat :
- Membre : le membre est trouvé
- null : le membre n'est pas trouvé

| Initialisation<br>**this.listeMembres** | Paramètre<br>*(unPseudo)* | Résultat<br>**Membre** |
|---|---|---|
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdpppppp")] | Robert65 | [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdpppppp")] |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdpppppp")] | GillesDu25 | null |
| [("Robert65", "n", "pr", "l", 07/11/2001, "v", "m@m.m", "mdpppppp")] | null | null |