# Diagramme modèle

### **Association DAO**

+ create(): boolean + update(): boolean

# **BDD** - «static» instance : BDD = null + «static» getInstance() : BDD <sup>|</sup> «instantiate» BDD()

# **EtudiantDAO**

+ create(): boolean + get(): list<Etudiant> + update(): boolean + delete(): boolean

# ForumDAO

+ create(): boolean + get(): list<Forum> + update(): boolean + delete(): boolean

## CanalDAO

+ create(): boolean + get(): list<Canal> + update(): boolean + delete(): boolean

#### MatiereDAO

+ create(): boolean + get(): list<Matiere> + update(): boolean + delete(): boolean

# ContenuDAO

+ create(): boolean + get(): list<Contenu> + update(): boolean + delete(): boolean

# **MatieresSuiviesDAO**

+ create(): boolean

+ get(): list<MatieresSuivies>

+ update(): boolean + delete(): boolean

# MessageDAO

+ create(): boolean

+ get(): list<MatieresSuivies>

+ update(): boolean + delete(): boolean

# QCMDAO

+ create(): boolean + get(): list<QCM> + update(): boolean + delete(): boolean

# TagDAO

+ create(): boolean + get(): list<Tag> + update(): boolean + delete(): boolean

#### UtilisateurDAO

+ create(): boolean + get(): list<Utilisateur> + update(): boolean + delete(): boolean