

# IDENTITY MAP

- ▶ Ensures that each object gets loaded only once by keeping every loaded object in a map. Looks up objects using the map when referring to them.
- ▶ An Identity Map keeps a record of all objects that have been read from the database in a single business transaction. Whenever you want an object, you check the Identity Map first to see if you already have it.
- ▶ Only one SELECT query will be fired against the database. In the second EntityManager#find() call Doctrine will check the identity map first and doesn't need to make that database roundtrip.

## IDENTITY MAP – IN MEMORY CHANGES

- ▶ in Memory changes remain
- ▶ hydrateArray wont
- ▶ SQL wont