AbstractEntity<ID>

-ID id

Company

-String: name
-String: address
-Long: contactId
-Boolean: active

Person

-Long: id
-String: firstName
-String: lastName
-String: email
-String: phoneNumber

<<Interface>>
Dao<ID,T extends AbstractEntity>

+save(T entity)
+findById(ID id)
+findAll()
+delete(T entity)
+count()

<<Interface>>
PersonDao<Long, Person>

+findByFirstNameAndLastName(String firstName, String lastName)

<<Interface>>
CompanyDao<String, Company>

+findAllByNameLike(String name)
+findByContactId(Long contactId)

AbstractFileSystemDao<ID, T extends AbstractEntity>

AbstractInMemoryDao<ID, T extends AbstractEntity>

-Set<T>

+save(T entity) { -generateId()::abstract }

PersonInMemoryDao<Long, Person>

-generateId()

CompanyInMemoryDao<String, Compa

-generateId()

PersonFileSystemDao<Long, Person>

CompanyFileSystemDao<String, Company>

any>