

How to load multiple entities by id with Hibernate 5

Load multiple entities by their primary key

The *MultiIdentifierLoadAccess* interface provides an easy to use API to load multiple entities by their primary key.

```
MultIdentifierLoadAccess<PersonEntity> multiLoadAccess =  
    session.byMultipleIds(PersonEntity.class);  
List<PersonEntity> persons = multiLoadAccess.multiLoad(1L, 2L, 3L);
```

Load entities in multiple batches

By default, Hibernate uses the batch size defined in the database specific dialect you use in your application. If you want to change the batch size, you can do this with the *withBatchSize(int batchSize)* method on the *MultiIdentifierLoadAccess* interface.

```
List<PersonEntity> persons =  
    session.byMultipleIds(PersonEntity.class).withBatchSize(2)  
        .multiLoad(1L, 2L, 3L);
```

Don't fetch entities already stored in 1st level cache

You can decide if Hibernate shall check the 1 level cache before it executes the database query. This is deactivated by default and you need to call the *enableSessionCheck(boolean enabled)* to activate it.

```
Session session = em.unwrap(Session.class);  
List<PersonEntity> persons =  
    session.byMultipleIds(PersonEntity.class)  
        .enableSessionCheck(true).multiLoad(1L, 2L, 3L);
```