

# Count To-Many Objects without Loading

If you want to count the number of objects off a to-many, but without fetching all of them into memory, then add this to your `_Entity.java` templates inside the to-many section:

```
public Number count${relationship.capitalizedName}() {
    return countForRelationship("${relationship.name}");
}

public EOQualifier qualifierFor${relationship.capitalizedName}() {
    return qualifierForRelationshipWithKey("${relationship.name}");
}
```

Then either add this to `_Entity.java` (lame), or to a generic superclass that you use for all of your EO objects (preferred), add this:

```
public EOQualifier qualifierForRelationshipWithKey(String aKey)
{
    this.willRead();

    if ((aKey != null))
    {
        String anEntityName = this.entityName();
        EOEntity anEntity = EOModelGroup.defaultGroup().entityNamed(anEntityName);
        EORelationship aRelationship = anEntity.relationshipNamed(aKey);

        if (aRelationship != null)
        {
            EOEditingContext anEditingContext = this.editingContext();
            EOGlobalID aGlobalID = anEditingContext.globalIDForObject(this);
            String aModelName = anEntity.model().name();
            EODatabaseContext aDatabaseContext = EOUtilities.databaseContextForModelNamed
(anEditingContext,
                aModelName);
            aDatabaseContext.lock();
            NSDictionary aRow = aDatabaseContext.snapshotForGlobalID(aGlobalID);
            aDatabaseContext.unlock();
            EOQualifier aQualifier = aRelationship.qualifierWithSourceRow(aRow);

            return aQualifier;
        }
    }

    return null;
}

/**
 * Return count for the given relationship.
 */
public Integer countForRelationship(String key)
{
    EOQualifier qual = qualifierForRelationshipWithKey(key);
    if (qual != null)
    {
        String anEntityName = this.entityName();
        EOEntity anEntity = EOModelGroup.defaultGroup().entityNamed(anEntityName);
        EORelationship aRelationship = anEntity.relationshipNamed(key);
        return ERXEOControlUtilities.objectCountWithQualifier(this.editingContext(),
aRelationship
                .destinationEntity().name(), qual);
    }
    return null;
}
}
```