Consider the following tables:

Create table wms.a (

a\_id Bigint NOT NULL,

Primary Key (a\_id)) ENGINE = InnoDB;

Create table wms.b (

b\_id Bigint NOT NULL,

Primary Key (b\_id)) ENGINE = InnoDB;

Create table wms.map (

a\_id Bigint NOT NULL,

b\_id Bigint NOT NULL,

Primary Key (a\_id,b\_id)) ENGINE = InnoDB;

Alter table wms.map add Foreign Key (a\_id) references wms.a (a\_id) on delete restrict on update restrict;

Alter table wms.map add Foreign Key (b\_id) references wms.b (b\_id) on delete restrict on update restrict;

Class A contains a set of B’s and class B contains a set of A’s.

**public** **class** A {

**private** Long id;

**private** Set<B> bs = **new** HashSet<B>();

@Id

@Column( name = "a\_id", nullable = **false** )

**public** Long getId() {

**return** **this**.id;

}

@ManyToMany( fetch = FetchType.LAZY, cascade = { CascadeType.PERSIST, CascadeType.MERGE } )

@JoinTable(

name = "map",

catalog = "wms",

joinColumns = {@JoinColumn(name = "a\_id")},

inverseJoinColumns = {@JoinColumn(name = "b\_id")}

)

**public** Set<B> getBs() {

**return** **this**.bs;

}

}

**public** **class** B {

**private** Long id;

**private** Set<A> as = **new** HashSet<A>();

@Id

@Column( name = "b\_id", nullable = **false** )

**public** Long getId() {

**return** **this**.id;

}

@ManyToMany( fetch = FetchType.*LAZY*, mappedBy = "bs", cascade = { CascadeType.*PERSIST*, CascadeType.*MERGE* } )

**public** Set<A> getAs() {

**return** **this**.as;

}

}

Consider the following criteria:

Long aId= 1L;

Criteria aCriteria = dataLayerWms.createCriteria(A.**class**);

Criteria bCriteria = aCriteria.createCriteria("bs","b",CriteriaSpecification.*LEFT\_JOIN*,Restrictions.*eq*("id",aId));

bCriteria.list();

Which generates the following incorrect sql code:

select

this\_.a\_id as a1\_43\_1\_,

bs3\_.a\_id as a1\_43\_3\_,

b1\_.b\_id as b2\_3\_,

b1\_.b\_id as b1\_49\_0\_,

from

wms.a this\_

left outer join

wms.map bs3\_

on this\_.a\_id=bs3\_.a\_id

and (

b1\_.b\_id=?

)

left outer join

wms.b b1\_

on bs3\_.b\_id=b1\_.b\_id

and (

b1\_.b\_id=?

)

At the highlighted point, the sql has no idea of which entity the alias b1\_ refers to.