Thanks Chris.

I have added some more points for your reference.

1. We are migrating from Toplink 9.0.4.5 to Eclipselink 2.5.2. This is not new project.
2. In Toplink 9.0.4.5 is working without any hassle with the same code base.

As I mentioned in the earlier post, in order.java we are using PersistenceIndirection

**Existing Flow:**

The below code is working fine in Toplink 9.0.4.5. We are not getting any issue. But when we are trying in Eclipselink facing QuerybasedValueHolder issue for this call.

**Order.Java:**

**private** PersistenceIndirection orderStatusPointHolder = PersistenceHelper.*newIndirection*(**null**);

**protected** **PersistenceIndirection** getOrderStatusPointHolder() {

 **return** orderStatusPointHolder;

 }

 **protected** **void** setOrderStatusPointHolder(**PersistenceIndirection**

 orderStatusPointHolder) {

 **this**.orderStatusPointHolder = orderStatusPointHolder;

 }

**public** OrderStatusPoint getOrderStatusPoint() {

 **return** (OrderStatusPoint) orderStatusPointHolder.getValue();

 }

**public** **void** setOrderStatusPoint(OrderStatusPoint orderStatusPoint) {

 orderStatusPointHolder.setValue(orderStatusPoint);

 orderStatusPoint.setOrder(**this**);

 }

**PersistenceHelper.java:**

**public** **static** PersistenceIndirection newIndirection(Object object) {

 String METHOD\_NAME = "newIndirection";

 ***log***.entering(***CLASS\_NAME***, METHOD\_NAME);

 PersistenceIndirection indirection = **new** ToplinkIndirectContainer(object);

 ***log***.exiting(***CLASS\_NAME***, METHOD\_NAME);

 **return** indirection;

 }

The above code is in order.java class for orderStatusPointHolder.

Here **return** (OrderStatusPoint) orderStatusPointHolder.getValue(); its returning the value as QueryBasedValueHolder instance internally from Toplink.

**Mappings.xml:**

<attribute-mapping xsi:type="one-to-one-mapping">

<attribute-name>orderStatusPointHolder</attribute-name>

<get-method>getOrderStatusPointHolder</get-method>

<set-method>setOrderStatusPointHolder</set-method>

<reference-class>com.ford.vista.business.order.model.status.OrderStatusPoint</reference-class>

<private-owned>true</private-owned>

<foreign-key>

<field-reference>

<source-field table="VISTA\_ORDER" name="ORDER\_NO" xsi:type="column"/>

<target-field table="VISTA\_ORDER\_STATUS\_POINT" name="ORDER\_NO" xsi:type="column"/>

</field-reference>

</foreign-key>

 <indirection xsi:type="value-holder-indirection-policy"/>

<selection-query xsi:type="read-object-query"/>

</attribute-mapping>

In mappings we have used value holder indirection policy(Highlighted).

When we are using Eclipselink we are facing the below issue.

java.lang.ClassCastException: org.eclipse.persistence.internal.indirection.QueryBasedValueHolder incompatible with com.ford.vista.business.order.model.status.OrderStatusPoint