

OJB中的多条件查询 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/145/2021_2022_OJB_E4_B8_AD_E7_9A_84_E5_c104_145037.htm 项目还是一样，以一个reservation为例，一个reservation就是一个课程在实际中的体现，它有开始和终止时间还有状态等信息。timeslot就是定义了他的时间，里面有三个字

段(timeslotID,start,end,reservationID)。1。我要查询课程，输入的参数是一个时间段，得到的是一个reservation的列表。我可以这样做/* * (non-Javadoc) * @see

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org.pie.vls.Application.VLSBase#init() */ public void init() { try {
broker = PersistenceBrokerFactory.defaultPersistenceBroker().
broker.clearCache(). //general criteria, with all the query condition
Criteria crit = new Criteria(). Criteria crit1 = null. List criteriaList =
new Vector(). //if the reservation id is not 0 if (resvID > 0) {
crit.addNotEqualTo("resvID", new Integer(this.resvID)). } Iterator
iter = this.reservationTimeslotList.iterator(). while (iter.hasNext()) {
//logger.debug ("TIMESLOT -----"). ReservationTimeslot
reservationTimeslot = (ReservationTimeslot) iter.next(). /** * set the
query condition list * start and end */ startTimeUTC =
reservationTimeslot.getStartDateTimeUTC(). endTimeUTC =
reservationTimeslot.getEndDateTimeUTC(). if (this.selectType ==
Constants.BETWEEN_RESERVATIONS) { crit1 = new Criteria().
//logger.debug ("BETWEEN " startTimeUTC " " endTimeUTC).
crit1.addBetween("start", startTimeUTC, endTimeUTC). Criteria
critMore1 = new Criteria(). critMore1.addBetween("end",
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startTimeUTC, endTimeUTC). Criteria critMore2 = new Criteria().
critMore2.addLessOrEqualThan("start", startTimeUTC).
critMore2.addGreaterOrEqualThan("end", endTimeUTC).
crit1.addOrCriteria(critMore1). crit1.addOrCriteria(critMore2). }
criteriaList.add(crit1.copy(true, true, true)). } if (criteriaList.size() >
0) { crit1 = new Criteria(). for (int i = 0. i
crit1.addOrCriteria((Criteria) criteriaList.get(i)). }
crit.addAndCriteria(crit1). } logger.debug(crit). QueryByCriteria
tquery = QueryFactory.newQuery(Timeslot.class, crit).
this.timeslots = broker.getCollectionByQuery(tquery).
broker.clearCache(). broker.close(). } catch (Throwable t) {
logger.error(t.getMessage(), t). } } 2. 如果我要创建一个reservation
, 要判断的是当前这个创建的reservation是否与其它
的reservation有交叉点的时间 , 那查询条件就这样修改broker
= PersistenceBrokerFactory.defaultPersistenceBroker().
broker.clearCache(). //general criteria, with all the query condition
Criteria crit = new Criteria(). Criteria crit1 = null. List criteriaList =
new Vector(). if (this.0selectType ==
Constants.TOUCHING_RESERVATIONS) { crit1 = new
Criteria(). /** * the start time is in between this.startTimeUTC and
this.endTimeUTC */ crit1.addGreaterOrEqualThan("start",
startTimeUTC). crit1.addLessOrEqualThan("start", endTimeUTC).
/** * the end time is in between this.startTimeUTC and
this.endTimeUTC */ Criteria crit2 = new Criteria().
crit2.addGreaterOrEqualThan("end", startTimeUTC).
crit2.addLessOrEqualThan("end", endTimeUTC). /** * the start

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time is in less than this.startTimeUTC and * the end time is greater
than this.endTimeUTC */ Criteria crit3 = new Criteria().
crit3.addLessOrEqualThan("start", startTimeUTC).
crit3.addGreaterOrEqualThan("end", endTimeUTC).
crit1.addOrCriteria(crit2). crit1.addOrCriteria(crit3). }
criteriaList.add(crit1.copy(true, true, true)). if (criteriaList.size() > 0)
{ crit1 = new Criteria(). for (int i = 0. i < criteriaList.size(); i++)
crit1.addOrCriteria((Criteria) criteriaList.get(i)). } crit.addAndCriteria(crit1). } QueryByCriteria
tquery = QueryFactory.newQuery(Timeslot.class, crit).
this.timeslots = broker.getCollectionByQuery(tquery).
broker.clearCache(). broker.close().
```

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