Sql 優秀範例

<select id="selectPnWorkOrderDetailList" resultType="com.maxnerva.cloudmes.models.dto.wo.PnWorkOrderDetailDTO">  
 select  
 t1.id,  
 t2.work\_order\_type,  
 t1.plant\_code,  
 t1.work\_order\_no,  
 t1.work\_order\_item,  
 t1.material\_type,  
 t1.part\_no,  
 t1.main\_part\_no,  
 t1.part\_relationship,  
 t1.required\_quantity,  
 t1.stock\_qty,  
 t1.stock\_total\_qty,  
 t1.from\_warehouse\_code,  
 t1.to\_warehouse\_code,  
 t2.part\_no as productPartNo,  
 t2.line\_no  
 from  
 wms.wms\_work\_order\_detail t1,  
 wms.wms\_work\_order\_header t2  
 where  
 t1.org\_code = t2.org\_code  
 and t1.plant\_code = t2.plant\_code  
 and t1.work\_order\_no = t2.work\_order\_no  
 and t2.work\_order\_status ='REL'  
 and t2.wms\_wo\_status ='REL'  
 and work\_order\_type not in ('CKD','MERGE')  
 and t2.post\_sap\_flag = 0  
 and t1.org\_code = #{orgCode}  
 and t1.scan\_mode = 'PN'  
 and  
 <choose>  
 <when test="workOrderTypeList!=null and workOrderTypeList.size()>0">  
 CASE  
 WHEN t2.work\_order\_type in  
 <foreach collection="workOrderTypeList" item="item" open="(" separator="," close=")">  
 #{item}  
 </foreach>  
 THEN  
 (t1.work\_order\_no,t1.work\_order\_item) in (  
 SELECT DISTINCT d1.work\_order\_no, d1.work\_order\_item  
 from wms.wms\_work\_order\_detail d1,  
 wms.wms\_work\_order\_detail d2  
 where  
 d1.org\_code = d2.org\_code  
 and d1.plant\_code = d2.plant\_code  
 and d1.work\_order\_no = d2.work\_order\_no  
 and d1.org\_code = #{orgCode}  
 and d1.required\_quantity > d1.stock\_total\_qty  
 and d2.part\_relationship = 'M' and d2.stock\_total\_qty > 0  
 <if test="workOrderNo!=null and workOrderNo!=''">  
 and d1.work\_order\_no like concat ('%',#{workOrderNo},'%')  
 </if>  
 <if test="partNo!=null and partNo!=''">  
 and d1.part\_no = #{partNo}  
 </if>  
 )  
 ELSE  
 (t1.work\_order\_no,t1.work\_order\_item) in (  
 SELECT DISTINCT d1.work\_order\_no, d1.work\_order\_item  
 from wms.wms\_work\_order\_detail d1  
 where  
 d1.org\_code = #{orgCode}  
 <if test="partNo!=null and partNo!=''">  
 and d1.part\_no = #{partNo}  
 </if>  
 and d1.required\_quantity > d1.stock\_total\_qty  
 <if test="workOrderNo!=null and workOrderNo!=''">  
 and d1.work\_order\_no like concat ('%',#{workOrderNo},'%')  
 </if>  
 )  
 END  
 </when>  
 <otherwise>  
 (t1.work\_order\_no,t1.work\_order\_item) in (  
 SELECT DISTINCT d1.work\_order\_no, d1.work\_order\_item  
 from wms.wms\_work\_order\_detail d1  
 where  
 d1.org\_code = #{orgCode}  
 <if test="partNo!=null and partNo!=''">  
 and d1.part\_no = #{partNo}  
 </if>  
 and d1.required\_quantity > d1.stock\_total\_qty  
 <if test="workOrderNo!=null and workOrderNo!=''">  
 and d1.work\_order\_no like concat ('%',#{workOrderNo},'%')  
 </if>  
 )  
 </otherwise>  
 </choose>  
 order by t2.aps\_wo\_schedule\_datetime, t2.aps\_wo\_begin\_datetime DESC  
</select>