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package fi.paatti.paattidatabasutils.dbsevice.querydelegates;

import com.vaadin.data.util.sqlcontainer.RowItem;
import com.vaadin.data.util.sqlcontainer.query.generator.StatementHelper;
import fi.paatti.paattidatabasutils.names.PaattiColumnNames;
import fi.paatti.paattidatabasutils.names.PaattiTableNames;
import java.io.Serializable;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.SQLException;

/**
 * A delegate for combining the EVENTS and SCHEDULE table related queries.
 *
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 */
public class EventsInScheduleDelegate extends PaattiQueryDelegate implements Serializable {

    private static final long serialVersionUID = 1L;
    private final Object scheduleID;

    /**
     * Constructor.
     *
     * @param scheduleID The ID of the schedule.
     */
    public EventsInScheduleDelegate(Object scheduleID) {
        super(PaattiTableNames.EVENT, PaattiColumnNames.EVENT_eventID,
            PaattiColumnNames.getColumnNamesInArray(PaattiTableNames.EVENT));
        this.scheduleID = scheduleID;
    }

    /**
     * {@inheritDoc}
     * <p/>
     * Not in use.
     */
    @Override
    public int storeRow(Connection conn, RowItem row) throws SQLException {
        throw new UnsupportedOperationException("Not supported yet.");
    }
}
```

```
* {@inheritDoc }
* <p/>
* Not in use.
*/
@Override
protected void setRowValues(PreparedStatement statement, RowItem row) throws SQLException {
    throw new UnsupportedOperationException("Not supported yet.");
}

/**
 * Returns a new StatementHelper containing the SELECT query statement.
 */
* @param offset the starting row.
* @param limit the number of rows to get.
* @return The StatementHelper containing the SELECT query.
* @throws UnsupportedOperationException
*/
public StatementHelper getQueryStatement(int offset, int limit) throws UnsupportedOperationException {
    StatementHelper queryHelper = new StatementHelper();

    queryHelper.setQueryString(createQueryString(queryHelper, offset, limit));
    return queryHelper;
}

/**
 * Creates the SELECT query statement.
 */
* @param queryHelper
* @param offset the starting row.
* @param limit the number of rows to get.
* @return The SELECT query string.
*/
private String createQueryString(StatementHelper queryHelper, int offset, int limit) {
    StringBuilder querySb = new StringBuilder();

    querySb.append(" SELECT * FROM ").append(PaattiTableNames.EVENT);
    querySb.append(" LEFT OUTER JOIN ").append(PaattiTableNames.EVENTTIME).append(" ON ");
    querySb.append(PaattiColumnNames.EVENT_EVENTTIME_eventTimeID).append(" = ").append(
        PaattiColumnNames.EVENTTIME_eventTimeID);
    querySb.append(" WHERE ").append(PaattiColumnNames.EVENT_SCHEDULE_scheduleID).append(" = ").append(scheduleID);
    querySb.append(" AND ").append(PaattiColumnNames.EVENT_rowStatus).append(" = '").append(ROWSTATUS_ACTIVE).append("'");

    if (getFilters() != null && !getFilters().isEmpty()) {
        querySb.append(getFilterStringWithoutWhere(queryHelper, true));
    }
}
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    }  
    return querySb.toString();  
}  
/**  
 * {@inheritDoc }  
 */  
@Override  
public StatementHelper getCountStatement() throws UnsupportedOperationException {  
    StatementHelper countHelper = new StatementHelper();  
    StringBuilder querySb = new StringBuilder("SELECT COUNT(*) FROM (");  
    querySb.append(createQueryString(countHelper, -1, -1)).append(") as COUNT");  
    System.out.println(querySb.toString());  
    countHelper.setQueryString(querySb.toString());  
    return countHelper;  
}  
}
```