

```
package fi.paatti.containers;

import com.vaadin.data.util.sqlcontainer.SQLContainer;
import com.vaadin.data.util.sqlcontainer.query.FreeformQuery;
import fi.paatti.paattidatabaseutils.db.service.querydelegates.NewRowIDListener;
import fi.paatti.paattidatabaseutils.db.service.querydelegates.TaskQueryDelegate;
import java.sql.SQLException;

/**
 * An extended SQLContainer has a possibility to add a listener for getting the
 * new row ID after successful insert to the database.
 *
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 */
public class TaskContainer extends SQLContainer {

    private static final long serialVersionUID = 1L;
    private final TaskQueryDelegate deleg;

    /**
     * Constructor.
     *
     * @param query The FreeformQuery to be used.
     * @throws SQLException.
     */
    public TaskContainer(FreeformQuery query) throws SQLException {
        super(query);
        deleg = (TaskQueryDelegate) query.getDelegate();
    }

    /**
     * Adds a NewRowIDListener to the list of listeners.
     *
     * @param listener The listener to be added.
     */
    public void addNewRowIDChangeListener(NewRowIDListener listener) {
        deleg.addNewRowIDListener(listener);
    }

    /**
     * Removes a NewRowIDListener from the list of listeners.
     *
     * @param listener The listener to be removed.
     */
}
```

```
public void removeNewRowIdChangeListener(NewRowIDListener listener) {  
    deleg.removeNewRowIdListener(listener);  
}  
}
```