

Event - Delete (final)

 Language: [Deutsch](#) · [English](#)

Event - Delete (final)

Event rule „Delete (final)“: interface, context and an example – how to react to this Nuclos event.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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When does the rule fire?

This [server-side rule](#) runs **after** a record has been deleted successfully. It can be assigned to a **business object**.

Structure

Skeleton of the rule class (the rule editor creates it automatically):

```
package org.nuclet.lager;

import org.nuclos.api.rule.DeleteFinalRule;
import org.nuclos.api.context.DeleteContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="Loeschen Lagerposition im Anschluss", description="Loeschen Lagerposition im Anschluss")
public class LoeschenLagerpositionImAnschluss implements DeleteFinalRule {

    public void deleteFinal(DeleteContext context) throws BusinessException {
    }
}
```



Context: DeleteContext

The context `DeleteContext` provides the affected `BusinessObject` via `context.getBusinessObject(...)`; the `RuleContext` functions (providers) are also available. A `BusinessException` aborts the operation.

Assignment

Assign it to the target via drag-and-drop in the [server rule manager](#). Optionally restrict execution to a **status** or an **action**; control the order with the arrow buttons.

Regel	Status	Aktion
LoeschenLagerpositionImAnschl...		

Assignment of „Delete (final)“.

Example

```
package org.nuclet.company;

import java.util.Date;
import java.util.List;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.businessobject.BusinessObject;
import org.nuclos.api.businessobject.Query;
import org.nuclos.api.context.DeleteContext;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.provider.BusinessObjectProvider;
import org.nuclos.api.provider.QueryProvider;
import org.nuclos.api.rule.DeleteFinalRule;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="BestellungFinalDelete", description="BestellungFinalDelete")
public class BestellungFinalDelete implements DeleteFinalRule {

    public void deleteFinal(DeleteContext context) throws BusinessException {

        Bestellung businessObject = context.getBusinessObject(Bestellung.class);

        Query<History> allHistoryEntries = QueryProvider.create(History.class);
        allHistoryEntries.where(History.EntityId.equals(businessObject.getId()));

        List<History> results = QueryProvider.execute(allHistoryEntries);

        for (History b : results) {
            if (context.isLogical()) {
                b.setBemerkung("logical delete");
            } else {
                b.setBemerkung("physical delete");
            }
            BusinessObjectProvider.update(b);
        }
    }
}
```

Related pages

Server-side rules

Basics.

[Open](#)

Server rule manager

Assign.

[Open](#)

Rule execution order

Order.

[Open](#)

