

Event - Create

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

Event - Create

Event rule „Create“: 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 when a new record is **created** (before saving). 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.annotation.Rule;
import org.nuclos.api.context.InsertContext;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.rule.InsertRule;

/** @name
 * @description
 * @usage
 * @change
 */

@Rule(name="AnlegenLagerposition", description="Anlegen einer Lagerposition")
public class AnlegenLagerposition implements InsertRule {

    public void insert(InsertContext context) throws BusinessException {
    }
}
```



Context: InsertContext

The context `InsertContext` 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
AnlegenLagerposition.class		

Assignment of „Create“.

Example

```
package org.nuclet.company;

import org.nuclos.api.rule.InsertRule;
import org.nuclos.api.context.InsertContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.provider.BusinessObjectProvider;
import org.nuclos.api.provider.QueryProvider;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="Bestellpositionanlegen", description="Bestellpositionanlegen")
public class Bestellpositionanlegen implements InsertRule {
    public void insert(InsertContext context) throws BusinessException {

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

        // Create new 'Bestellposition'
        Bestellposition newPos = new Bestellposition();

        // Get Artikel and Lagerort for default
        Artikel myArticle = QueryProvider.getById(Artikel.class, 40460000L);
        Lager myLagerort = QueryProvider.getById(Lager.class, 40271111L);

        newPos.setPositionsnr(0);
        newPos.setBezeichnung("Standard Palette");
        newPos.setArtikelId(myArticle.getId());
        newPos.setAnzahl(1.0d);
        newPos.setBemerkung("Automatische Position");
        newPos.setLagerId(myLagerort.getId());

        // Insert new element to Bestellung
        curBestellung.insertBestellposition(newPos);

    }
}
```

Related pages

Server-side rules

Basics.

[Open](#)

Server rule manager

Assign.

[Open](#)

Rule execution order

Order.

[Open](#)

