

Event - Status change

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

Event - Status change

Event rule „Status change“: 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 on a **status change** (before the change). It can be assigned to a **status model**.

Structure

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

```
package org.nuclet.lager;

import org.nuclos.api.rule.StateChangeRule;
import org.nuclos.api.context.StateChangeContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;

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

@Rule(name="Statuswechsel Lagerbestand", description="Statuswechsel Lagerbestand")
public class StatuswechselLagerbestand implements StateChangeRule {

    public void changeState(StateChangeContext context) throws BusinessException {

    }
}
```



Context: StateChangeContext

The context `StateChangeContext` 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.

Example

```

package org.nuclet.company;

import org.nuclos.api.rule.StateChangeRule;
import org.nuclos.api.context.StateChangeContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="BeauftragungPrüfen", description="Beauftragung prüfen")
public class BeauftragungPrüfen implements StateChangeRule {

    public void changeState(StateChangeContext context) throws BusinessException {

        Auftrag neuerAuftrag = context.getBusinessObject(Auftrag.class);

        if (neuerAuftrag.getBestellwert() == null)
            throw new BusinessException("Der Bestellwert darf nicht leer sein.");

        if (neuerAuftrag.getKunde() == null)
            throw new BusinessException("Es wurde kein Kunde für diesen Auftrag hinterlegt.");

        if (neuerAuftrag.getAuftragsnr() == null)
            throw new BusinessException("Der Auftrag besitzt keine Nummer.");

    }
}

```

Related pages

Server-side rules

Basics.

[Open](#)

Server rule manager

Assign.

[Open](#)

Rule execution order

Order.

[Open](#)