

Event - User action

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

Event - User action

Event rule „User action“: 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 **button** in the layout is clicked. 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.CustomRule;
import org.nuclos.api.context.CustomContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;

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

@Rule(name="Benutzeraktion Lager", description="Benutzeraktion Lager")
public class BenutzeraktionLager implements CustomRule {

    public void custom(CustomContext context) throws BusinessException {
    }
}
```



Context: CustomContext

The context CustomContext 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.CustomRule;
import org.nuclos.api.context.CustomContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.provider.BusinessObjectProvider;
/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="Bestellungpuefen", description="Bestellungpuefen")
public class Bestellungpuefen implements CustomRule {
    public void custom(CustomContext context) throws BusinessException {

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

        if (b.getBestellungsposition().size() <= 0) {
            b.setKurzbeschreibung("Nicht vollständig");
        }
        else {
            b.setKurzbeschreibung("Vollständig!");
        }
    }
}
```

Related pages

Server-side rules

Basics.

[Open](#)

Server rule manager

Assign.

[Open](#)

Rule execution order

Order.

[Open](#)