

Event - Print (final)

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

Event - Print (final)

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

REFERENZ

DEVELOPER

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

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When does the rule fire?

This [server-side rule](#) runs **after** a form/report has been printed. It can be assigned to a **business object**.

Structure

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

```
package org.nuclet.businessentity;
import org.nuclos.api.rule.PrintFinalRule;
import org.nuclos.api.context.PrintFinalContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;
/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="Dokumente archivieren", description="Dokumente archivieren")
public class Dokumentearchivieren implements PrintFinalRule {
    public void printFinal(PrintFinalContext context) throws BusinessException {
    }
}
```



Context: PrintContext

The context `PrintContext` 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 de.mynuclet;
import org.nuclos.api.rule.PrintFinalRule;
import org.nuclos.api.context.PrintFinalContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.context.PrintResult;
import org.nuclos.api.provider.BusinessObjectProvider;
/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="PrintFinalRuleBeispiel", description="PrintFinalRuleBeispiel")
public class PrintFinalRuleBeispiel implements PrintFinalRule {
    public void printFinal(PrintFinalContext context) throws BusinessException {
        final Auftrag auftrag = context.getBusinessObject(Auftrag.class);
        for (final PrintResult result : context.getPrintResults()) {
            Auftragsdokument auftragsdokument = new Auftragsdokument();
            auftragsdokument.setDatei(result.getOutput());
            auftragsdokument.setDatum(new java.util.Date());
            context.log("insert Auftragsdokument " + result.getOutput().getName());
            auftrag.insertAuftragsdokument(auftragsdokument);
        }
        BusinessObjectProvider.update(auftrag);
    }
}

```

Related pages

Server-side rules

Basics.

[Open](#)

Server rule manager

Assign.

[Open](#)

Rule execution order

Order.

[Open](#)