

PrintoutProvider

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

📖 PrintoutProvider

Run forms from rules – `run(format, bold)` returns a `NuclosFile`.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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What is the PrintoutProvider for?

The `PrintoutProvider` executes a **form**. Unlike a report, a form is filled with data – so besides the output format the **record id** is passed.

run(format, bold[, params])

Runs the form and returns a `NuclosFile` (e.g. as an attachment or for e-mail). Parameters can optionally be passed as a `Map`.

```
public static NuclosFile run(OutputFormat format, Long boId) throws BusinessException;
public static NuclosFile run(OutputFormat format, Long boId, Map<String, Object> params) throws
BusinessException;
```

```
package org.nuclet.businessentity;

import org.nuclet.printout.FormularAngebotFuerKundenPO;
import org.nuclos.api.common.NuclosFile;
import org.nuclos.api.provider.PrintoutProvider;
import org.nuclos.api.rule.UpdateRule;
import org.nuclos.api.context.UpdateContext;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.exception.BusinessException;

public class AngebotFormularRegel implements UpdateRule {

    public void update(UpdateContext context) throws BusinessException {

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

        NuclosFile result = PrintoutProvider.run(FormularAngebotFuerKundenPO.Deutsch_PDF, a.getKunde());
        a.insertAttachment(result, "Kommentar: Kundenspezifisches Hinweis-Formular");
    }
}
```



Report vs. form

For **reports** (without a record reference) see [ReportProvider](#).

Related pages



ReportProvider



QueryProvider

Run reports.

[Open](#)

Daten laden.

[Open](#)



BusinessObjectProvider

BOs schreiben.

[Open](#)