

ReportProvider

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

📖 ReportProvider

Run reports via the API – `ReportProvider.run(...)` returns a `NuclosFile` to attach or send.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

On this page

- [What is the ReportProvider?](#)
- [run\(...\)](#)
- [Example](#)
- [Related pages](#)

What is the ReportProvider?

The **ReportProvider** is an API helper class with all methods for the **programmatic execution of a report** – e.g. from a [server-side rule](#).

run(...)

Runs a report. You specify the **output format**, which is uniquely assigned to a report – so the format is sufficient. The return value is a `NuclosFile` that can, for example, be attached to a BO or sent by e-mail.

```
public static NuclosFile run(OutputFormat format) throws BusinessException;
```

With parameters for the query:

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

Example

When an order is created, the report is executed automatically and the PDF is attached to the BO:

```
package org.nuclet.businessentity;

import org.nuclet.report.MeinAuftragReportRE;
import org.nuclos.api.common.NuclosFile;
import org.nuclos.api.provider.ReportProvider;

public class AuftragReportRegel implements InsertRule {

    public void insert(InsertContext context) throws BusinessException {

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

        NuclosFile result = ReportProvider.run(MeinAuftragReportRE.Deutsch_PDF);
        a.insertAttachment(result, "Kommentar: Generierter Auftragsreport");
    }
}
```

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