

FileProvider

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

📖 FileProvider

Print, save and create NuclosFiles from byte arrays.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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What is the FileProvider for?

The FileProvider contains methods to process NuclosFiles – printing, saving on the server and converting.



Output formats

Only NuclosFiles in the output format *File* or *Screen* can be stored as attachments. For the printer the format (*default*) *printer client/server* is required – possibly two output formats per report/form.

print(file[, printername])

Sends the NuclosFile to the default or a named printer.

```
public static void print(NuclosFile file) throws BusinessException;
public static void print(NuclosFile file, String printername) throws BusinessException;
```

save(file, directory)

Saves the NuclosFile on the server in the given directory.

```
public static void save(NuclosFile file, String directory) throws BusinessException;
```

```

package org.nuclet.businessentity;

import org.nuclet.printout.FormularAbschlussAuftragP0;
import org.nuclos.api.common.NuclosFile;
import org.nuclos.api.provider.PrintoutProvider;
import org.nuclos.api.provider.FileProvider;

public class AbschlussAuftragRegel implements InsertFinalRule {

    public void insertFinal(InsertContext context) throws BusinessException {

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

        NuclosFile result = PrintoutProvider.run(FormularAbschlussAuftragP0.Deutsch_PDF, a.getId());

        // store file in FTP-Directory
        FileProvider.save(result, "/home/ftp/");
        // Print file on default printer
        FileProvider.print(result);
    }
}

```

Convert byte[] to NuclosFile

Use `FileProvider.newFile(File)` to turn a byte array into a NuclosFile:

```

public static NuclosFile writeArrayToNuclosFile(String filename, byte[] content) throws BusinessException {
    File file = null;
    try {
        file = new File(filename);
        FileUtils.writeByteArrayToFile(file, content);
        return FileProvider.newFile(file);
    } catch (IOException exception) {
        throw new BusinessException("Fehler beim Erzeugen der Datei " + file.getName() + ": " + exception.
            getMessage());
    }
}

```

Related pages

QueryProvider

Daten laden.

[Open](#)



BusinessObjectProvider

BOs schreiben.

[Open](#)



DatasourceProvider

run data sources.

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