

MailProvider

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

📖 MailProvider

Send and receive e-mails from rules – `send()`, `receive()` and the `NuclosMail` class.

REFERENZ

DEVELOPER

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

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What is the MailProvider for?

The MailProvider provides methods to **send and receive** e-mails.

send(mail)

Sends a NuclosMail.

```
public static void send(NuclosMail mail) throws BusinessException;
```

```
package org.nuclet.businessentity;

import org.nuclet.printout.FormularAbschlussAuftragPO;
import org.nuclos.api.common.NuclosFile;
import org.nuclos.api.mail.NuclosMail;
import org.nuclos.api.provider.PrintoutProvider;
import org.nuclos.api.provider.MailProvider;

public class AbschlussAuftragRegel implements InsertFinalRule {

    public void insertFinal(InsertContext context) throws BusinessException {

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

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

        NuclosMail newMail = new NuclosMail();

        newMail.setSubject("Abschluss eines Auftrags");
        newMail.setFrom("automatic@meineFirma.de");
        newMail.addRecipient("Max.Mustermann@meinKunde.de");
        newMail.setMessage("Der Auftrag wurde erfolgreich abgeschlossen.");
        newMail.addAttachment(result);

        MailProvider.send(newMail);
    }
}
```

receive(bDeleteMails)

Fetches e-mails from the server. With `true` they are deleted after retrieval, with `false` they remain (and are returned again next time).

```
public static List<NuclosMail> receive(boolean bDeleteMails) throws BusinessException;
```

```
package org.nuclet.businessentity;

import java.util.List;
import org.nuclos.api.annotation.Rule;
import org.nuclos.api.common.NuclosFile;
import org.nuclos.api.context.GenerateContext;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.mail.NuclosMail;
import org.nuclos.api.provider.MailProvider;
import org.nuclos.api.rule.GenerateRule;
/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="GetEmails", description="GetEmails")
public class GetEmails implements GenerateRule {
    public void generate(GenerateContext context) throws BusinessException {
        Materialbestellung bestellung = context.getTargetObject(Materialbestellung.class);
        List<NuclosMail> allMails = MailProvider.receive(true);

        for (NuclosMail mail : allMails) {
            for (NuclosFile file : mail.getAttachments()) {
                bestellung.insertAttachment(
                    file, "Bestätigungsmail von '" + mail.getFrom() + "' mit
Betreff '" + mail.getSubject() + "'");
            }
        }
    }
}
```

NuclosMail

The API class NuclosMail holds all parts of a standard e-mail:

Attribute	Meaning
From	Sender (default from system parameter <i>SMTP Sender</i>).
Recipients / CC / BCC	Recipients as string, multiple separated by semicolons.
Subject / Message	Subject and content.
ReplyTo	Reply address.
Headers	e.g. charset/content type (default text/plain; charset=UTF-8).
Attachment	List of NuclosFile attachments.



Server configuration

SMTP/POP3 credentials are stored in the system parameters (Administration Parameters).

Related pages



QueryProvider

Daten laden.

[Open](#)



BusinessObjectProvider

BOs schreiben.

[Open](#)



DatasourceProvider

run data sources.

[Open](#)

