

ParameterProvider

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

ParameterProvider

Read system and nuclet parameters in rules – `getSystemParameter`, `getNucletParameter`.

REFERENZ

DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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What is the ParameterProvider for?

The `ParameterProvider` reads **system and nuclet parameters**. Both are created in Nuclos and generated as constants for rules ([class generation](#)).

getSystemParameter(parameter)

Reads an instance-wide system parameter (e.g. SMTP/POP3 data). Constants in the `NuclosSystemParameter` class.

```
public static String getSystemParameter(SystemParameter parameter) throws BusinessException;
```

```

package org.nuclet.businessentity;

import org.nuclos.api.annotation.Rule;
import org.nuclos.api.context.UpdateContext;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.provider.ParameterProvider;
import org.nuclos.api.rule.UpdateRule;
import org.nuclos.parameter.NuclosSystemParameter;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="SendConfirmationEmail", description="SendConfirmationEmail")
public class SendConfirmationEmail implements UpdateRule {
    public void update(UpdateContext context) throws BusinessException {

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

        if(a.isApproved()) {
            String useEmail = ParameterProvider.getSystemParameter(NuclosSystemParameter.
ConfirmationEmailIsActive);

            // First check, if the value of this parameter is not null
            if (useEmail != null) {
                if (usrEmail.equals("Y")) {
                    // Following method creates a NuclosEmail and sends it to the user mentioned in "Auftrag" a.
                    // For lack of space this method is not implemented in this example. Suppose it does exist.
                    sendConfirmationEmail(a);
                }
            }
        }
    }
}

```

getNucletParameter(parameter)

Reads a nuclet-dependent parameter. Per nuclet a ...NucletParameter class with all constants is generated.

```

public static String getNucletParameter(NucletParameter parameter) throws BusinessException;

```

```

package org.nuclet.zahlungsverkehr;

import org.nuclos.api.annotation.Rule;
import org.nuclos.api.context.UpdateContext;
import org.nuclos.api.exception.BusinessException;
import org.nuclos.api.provider.ParameterProvider;
import org.nuclos.api.rule.UpdateRule;

import org.nuclet.zahlungsverkehr.ZahlungsverkehrNucletParameter;

/** @name
 * @description
 * @usage
 * @change
 */
@Rule(name="ValidatePayment", description="ValidatePayment")
public class ValidatePayment implements UpdateRule {
    public void update(UpdateContext context) throws BusinessException {

        // Dateiverzeichnis für den Eingang von MT940-Dateien
        String dirMT940Files = ParameterProvider.getNucletParameter(ZahlungsverkehrNucletParameter.
MT940_DIRECTORY);

    }
}

```

Related pages

QueryProvider

Daten laden.

[Open](#)



BusinessObjectProvider

BOs schreiben.

[Open](#)



DatasourceProvider

run data sources.

[Open](#)