

Nuclet: REST client utils (not yet available)

Language: [Deutsch](#) · [English](#)

Nuclet: REST client utils (not yet available)

Data sheet and documentation entry point for the REST client utils Nuclet (utilities for calling REST services from Nuclos rules).

CONCEPT

INTEGRATORS

UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

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Machine-translated – under review

This page was machine-translated from German as a first draft and is currently under review. The authoritative source remains the **German original** (see the language switch above).

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Releases

Version	Date	Notes	Compatibility
1.0.0	20.01.2023	First published version	from Nuclos 4.2022.25.1

Overview

This Nuclet supports the use of external REST services in rule code.

Version 1.0

Description of version 1.0.0

Topic	Description
REST-Protokoll	The BO System > <i>REST-Protokoll</i> logs all requests generated by the Nuclet
Use in rules	The class <i>RESTUtils</i> provides several methods for this

Use in the rule programming of version 1.0.0

Class RESTUtils	
static RESTContext execute (RESTContext restContext)	Performs a request with the properties specified in <i>restContext</i> .
Example GLS shipping order (JSON)	
	<pre> RESTContext restContext = new RESTContext(); restContext.setAddress(credentials.getAddress()); restContext.setRequest(getRequest(credentials, bo, referenceLabel)); restContext.setReference("GLS: Post Shipment for " + referenceProtokoll); restContext.setEncoding(RESTContext.ENCODING_UTF_8); restContext.setContentType(RESTContext.FORMAT_JSON); restContext.setAcceptEncoding("gzip,deflate"); restContext.setAcceptLanguage("de"); restContext.setAccept(RESTContext.FORMAT_JSON); restContext.setAuthorization(RESTContext.Authorization.Basic); restContext.setUser(credentials.getUser()); restContext.setPassword(credentials.getPassword()); context.log("Starting transmission of the delivery note to GLS: " + restContext.getUrlWithParameters()); RESTUtils.execute(restContext); RESTShipmentResponseGLS response = null; if (restContext.isError()) { context.log("Error while transmitting the GLS Shipment Response: " + restContext.getErrorMessage()); } else { try { response = objectMapper.readValue(restContext.getResponse(), RESTShipmentResponseGLS.class); // ... } catch (JsonProcessingException e) { throw new BusinessException("Error while evaluating the GLS Shipment Response: " + e.getMessage()); } } </pre>
Example VAT ID check (inline)	
	<pre> RESTContext result = new RESTContext(); result.setContentType(RESTContext. FORMAT_APPLICATION_X_WWW_FORM_URLENCODED); result.setEncoding(RESTContext.ENCODING_UTF_8); result.setTest(Boolean.FALSE); result.setAddress(pruefungsObjekt.getUrl()); result.addParameter(Parameter.UST_ID_1, pruefungsObjekt.getValue (Parameter.UST_ID_1)); result.addParameter(Parameter.UST_ID_2, pruefungsObjekt.getValue (Parameter.UST_ID_2)); result.addParameter(Parameter.FIRMENNAME, pruefungsObjekt.getValue (Parameter.FIRMENNAME)); result.addParameter(Parameter.ORT, pruefungsObjekt.getValue (Parameter.ORT)); result.addParameter(Parameter.PLZ, pruefungsObjekt.getValue (Parameter.PLZ)); result.addParameter(Parameter.STRASSE, pruefungsObjekt.getValue (Parameter.STRASSE)); result.setReference("VAT ID check for subject " + pruefungsObjekt. getPruefing()); RESTUtils.execute(restContext); </pre>

Integration of version 1.0.0

The integration after a successful Nuclet import (see [Nuclet import](#)) is to be carried out as follows.

Step	Description	Screenshot
1	Run the job once <i>Initialisiere Nuclet REST-Client-Utils</i> (under <i>Administration > Job control</i>)	

Related pages

 Supporting Nuclets

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