

Value list provider

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

🔧 Value list provider

Dependent selection lists in combo boxes – e.g. only the contacts of the selected customer.

HOW-TO

APPLICATION DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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What is a value list provider?

A **value list provider (VLP)** dynamically restricts the choices in a combo box / list of values – depending on another selected value. Typical cases: show only the contacts of a selected customer, or only the rooms of a selected building.

Example: contacts per customer.

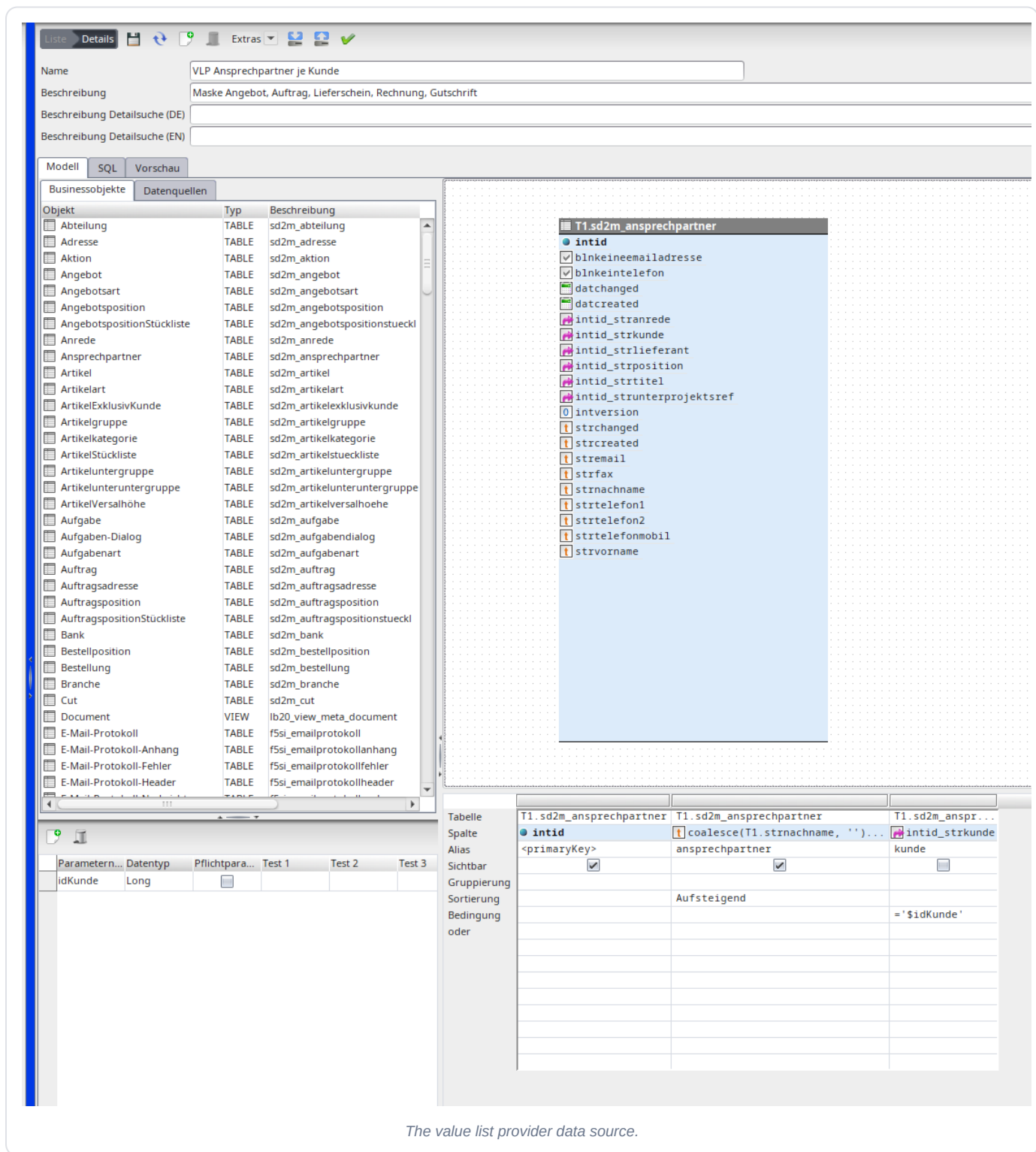
Step 1: create the data source

Menu: Administration Data sources Valuelist Provider. Define a **parameter** (e.g. `intid_kunde`) that passes the internal ID of the triggering record.



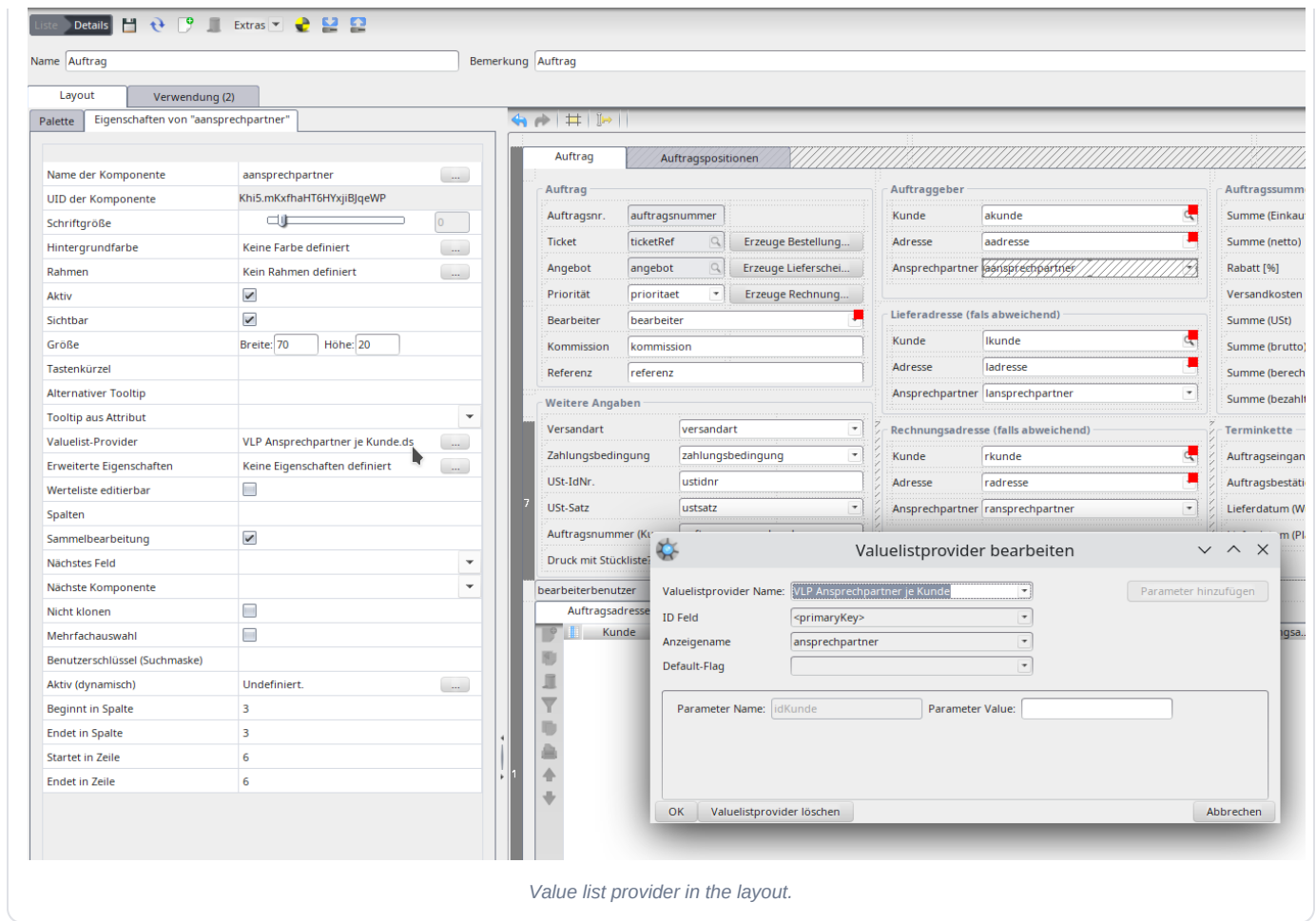
Handy

If the parameter is named `intid`, Nuclos automatically uses the INTID of the main record.



In the [layout editor](#) attach the value list provider to the target field (here: *contact*) via the palette. An optional **default flag** lets you preselect a standard value (e.g. the default address).

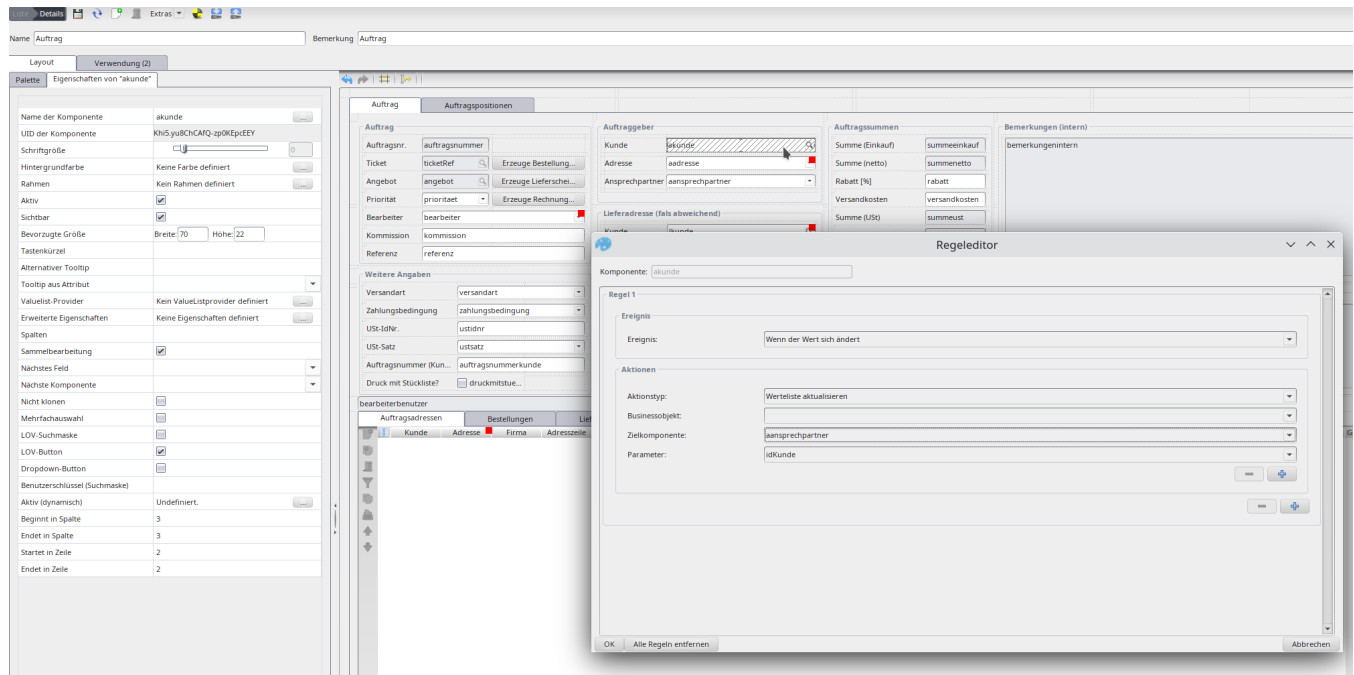
In the [layout editor](#) attach the value list provider to the target field (here: *contact*) via the palette. An optional **default flag** lets you preselect a standard value (e.g. the default address).



Step 3: create the layout rule

On the source field (here *customer*) define a [layout rule](#):

Field	Value
Event	When the value changes
Action type	Update value list
Business object	BO of the target component (only for sub-forms; otherwise empty)
Target component	Combo box whose values are updated
Parameter	Parameter name from the data source



Layout rule „update value list“.

Predefined value list providers

- **Status:** restricts the status field's value list to certain business objects (parameter *business objects* = internal BO name).
- **Process:** restricts the action field's value list (only on the `NucLosProcess` field).
- **Parameters:** provides value lists in column definitions of sub-form data (parameter `showValue`).



System parameters

System parameters in condition/SQL: `$username`, `$mandator`, `$locale`, `$searchmode` (in single quotes). They must be declared in the VLP under *parameters* first.

VLP for text attributes

To offer a fixed value list for a **text attribute** (without a reference, e.g. for „salutation“), choose a combo box in the layout editor with *show all attributes* ticked, attach a VLP (leave the ID field empty). With *value list editable* users may also enter their own values.

Liste

Details

Extras

Name

Statistischer ValuelistProvider

Beschreibung

Statistischer VLP

Beschreibung Detailsuche (DE)

Beschreibung Detailsuche (EN)

Modell

SQL

Vorschau

Businessobjekte

Datenquellen

Objekt	Typ	Be
Abteilung	TABLE	sd
Adresse	TABLE	sd
Aktion	TABLE	sd
Angebot	TABLE	sd
Angebotsart	TABLE	sd
Angebotsposition	TABLE	sd
AngebotspositionStückliste	TABLE	sd
Anrede	TABLE	sd
Ansprechpartner	TABLE	sd
Artikel	TABLE	sd
Artikelart	TABLE	sd
ArtikelExklusivKunde	TABLE	sd
Artikelgruppe	TABLE	sd
Artikelkategorie	TABLE	sd
ArtikelStückliste	TABLE	sd
Artikeluntergruppe	TABLE	sd
Artikelunteruntergruppe	TABLE	sd
ArtikelVersalhöhe	TABLE	sd
Aufgabe	TABLE	sd
Aufgaben-Dialog	TABLE	sd
Aufgabenart	TABLE	sd
Auftrag	TABLE	sd
Auftragsadresse	TABLE	sd
Auftragsposition	TABLE	sd
AuftragspositionStückliste	TABLE	sd
Bank	TABLE	sd
Bestellposition	TABLE	sd
Bestellung	TABLE	sd
Branche	TABLE	sd
Cut	TABLE	sd
Document	VIEW	lb
E-Mail-Protokoll	TABLE	f5
E-Mail-Protokoll-Anhang	TABLE	f5
E-Mail-Protokoll-Fehler	TABLE	f5
E-Mail-Protokoll-Header	TABLE	f5

T1.sd2m_angebotsart

- intid
- blninauftraggebernehm
- datchanged
- datcreated
- intversion
- strchanged
- strcreated
- strname

Tabelle	T1.sd2m_angeb...
Spalte	strname
Alias	VALUE
Sichtbar	☒
Gruppierung	
Sortierung	
Bedingung	
oder	

Parameter

Datentyp

Pflichtnara

Test 1

Combo box with a value list provider for a text attribute.

Related pages

Layout

Components & rules.

[Open](#)

Data sources

Data sources.

[Open](#)

Business object

Attributes.

[Open](#)