

Status model

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

Status model

Model processes and states: states, transitions, permissions and rules – modelled graphically.

KONZEPT

LOW-CODE

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APPLIES TO NUCLOS 4.2026.X

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What is a status model?

A status model defines which **states** a [business object](#) can take and which **transitions** exist between them. Use it to model business processes (*ordered delivered paid*) or simple states (*active/inactive*).



Rights and rules

Permissions can be set per state and transition; transitions can trigger **rules** (validations, calculations, e-mails). New records always start in the first state.

Menu: [Configuration](#) [Status model](#)

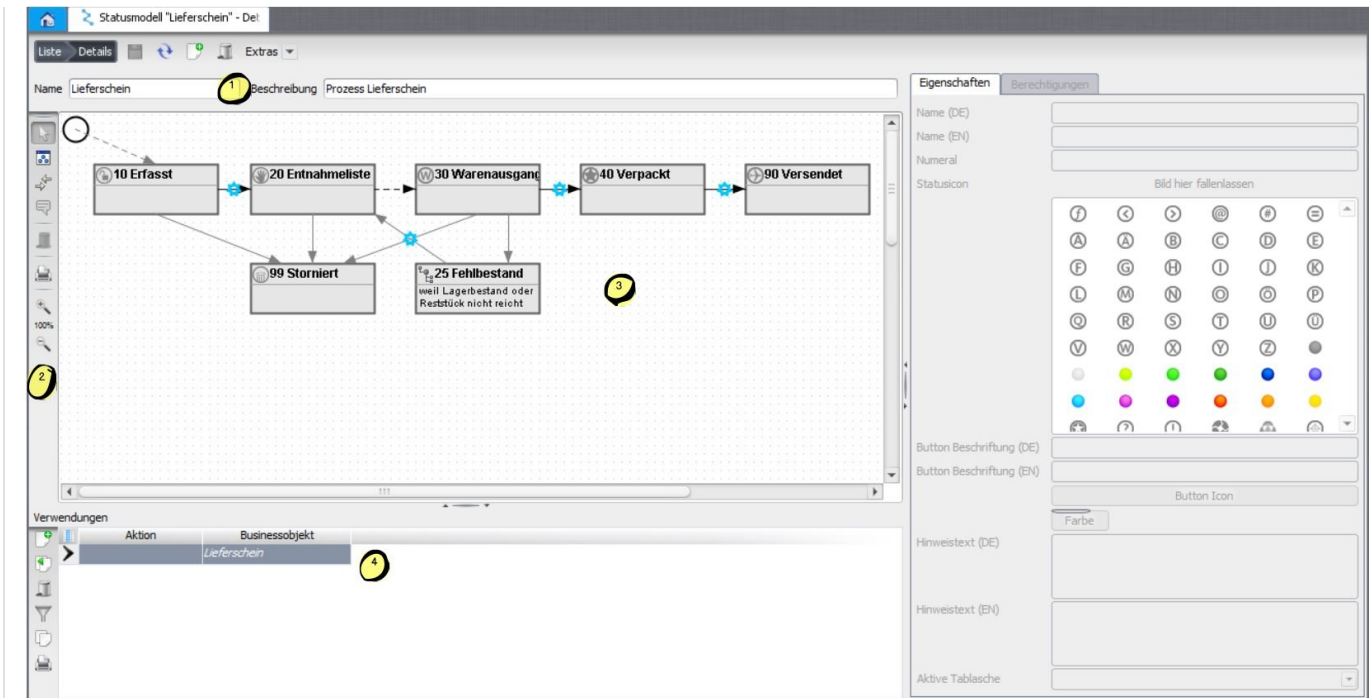


Prerequisite

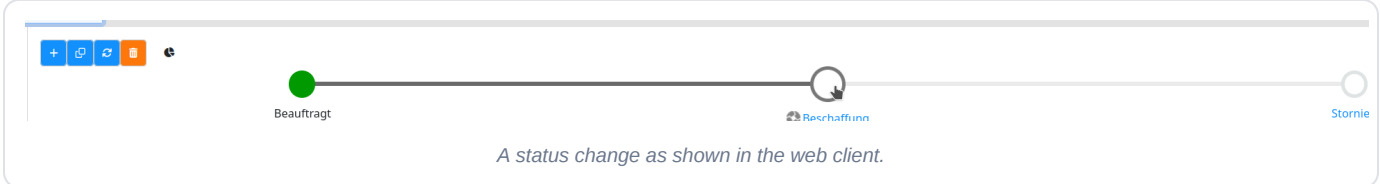
If the **status model** flag is set on the business object, defining a status model is mandatory – the form cannot be opened otherwise.

Draw the model

The graphical editor offers: **select tool**, **insert state**, **transition** (drag from source to target state via the green dot), **comment**, **delete**, **print** and **zoom**. On the right you pick the business object(s) and optionally an **action** the model applies to.



Status model editor: states and transitions.



A status change as shown in the web client.

Configure a state

- **Name (DE/EN)** – shown as the current state (nuclosState).
- **Numeral** – ordering of the next possible transitions.
- **State icon (16×16)**, **button label (DE/EN)**, **button icon** and **colour** (rich client).
- **Hint text (DE/EN)** in the status-change dialog, **active tab**.

Permissions

In a matrix you set the rights per user group and state:

Colour	Meaning
Green	read and write – fields active
Yellow	read only – fields disabled
Grey	not visible – area left empty

In addition, attributes can be made **mandatory** from a certain state, and subforms can be granted create/delete rights (+/-).

Configure a transition

- **Automatic transition** – not triggered manually (dashed line); the first transition is always automatic.
- **Standard transition** – shows the status-change bar in the record (a continuous path is required).
- **Without confirmation** – skips the confirmation dialog.
- **Rules before/after the change** – a gear marks transitions with rules (see [rule sets](#) and [server rule manager](#)).

The **permission on the first transition** controls creating new records – without it the New button is greyed out.

Eigenschaften
Berechtigungen

☐ Automatischer Statuswechsel
☒ Standard Statuswechsel
☐ Statuswechsel ohne Rückfrage

Regeln vor dem Statuswechsel

Regel	Beschreibung
LieferscheinVerpackt	Lieferschein Verpackt
VerbucheWarenausgang	Verbucht einen Warenausgang
ErzeugeDokument	Erzeugt PDF Dokumente und bearbeitet den...

Regeln nach dem Statuswechsel

Regel	Beschreibung
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Configuring a status transition.

Related pages

Business object

The related BO.

[Open](#)

Rule sets

Rules on transitions.

[Open](#)

Layout

Status-dependent forms.

[Open](#)

