

Locking logic

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

📖 Locking logic

Lock and unlock individual records via rules – with an owner attribute and the Lockable interface.

REFERENZ

DEVELOPER

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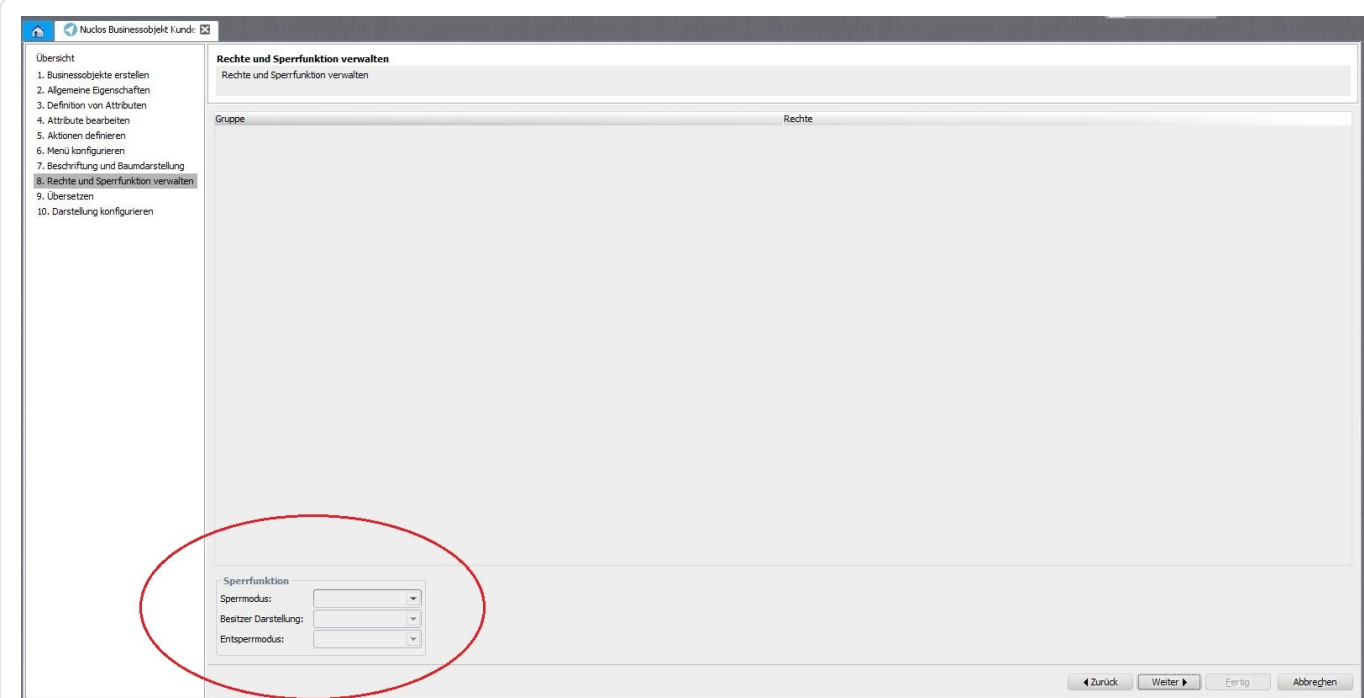
APPLIES TO NUCLOS 4.2026.X

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What is the locking logic?

The locking logic locks individual records via rules and unlocks them either manually or by rule. When enabled, the [business object](#) automatically gets the system attribute **owner**.



The screenshot shows the 'Rechte und Sperrfunktion verwalten' step in the NUCLOS Business Object Wizard. The left sidebar lists 10 steps, with step 8, 'Rechte und Sperrfunktion verwalten', highlighted. The main area shows a table for 'Rechte' and 'Sperrfunktion'. The 'Sperrfunktion' section is highlighted with a red circle, showing three dropdown menus: 'Sperrmodus', 'Besitzer Darstellung', and 'Entspermodus'. The bottom right of the interface has navigation buttons: 'Zurück', 'Weiter', 'Fertig', and 'Abbrechen'.

A locked record with owner display.

Enabled in the BO wizard (step Rights & locking).

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9. Übersetzen
10. Darstellung konfigurieren

Rechte und Sperrfunktion verwalten

Rechte und Sperrfunktion verwalten

Gruppe	Rechte
Auftrag	Lesen/Schreiben/Physikalisch Löschen
Artikelstamm	
mail	
Ventity	
Sonstige	
Resplan	

Sperrfunktion

Sperrmodus:

OWNER API ONLY

Besitzer Darstellung:

Nachname, Vorname

Entspermodus:

ALL USERS MANUALLY

Zurück

Weiter

Fertig

Abbrechen

Locking in the BO wizard.

Configuration

Lock mode: OWNER API ONLY – lock by setting the owner via a rule.
Owner display: user ID, „last, first“, „first last“ or e-mail.
Unlock mode: API ONLY (rule only) or ALL USERS MANUALLY (rule or manual).

Use in rules

BOs with locking implement the Lockable interface. Calls do not increase the version number and are immediately visible:

Method	Effect
.lock()	lock now; only the current user can edit
.lock(UID ownerId)	lock now for the given user
.unlock()	unlock now
.unlockAfterCommit()	unlock only after a successful commit (e.g. long-running jobs)

Usage & Nuclet import

Once an owner is set, edit/delete/status change are allowed only for the owner; the toolbar shows the owner plus an unlock button.

Import

The Nuclet import enables locking once but never removes or changes an existing locking configuration – otherwise dependent rules would stop compiling.

Related pages

Business object

Enable locking.

Server-side rules

Lock via rule.

Open

Open