

Rule execution order

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

Rule execution order

Which rule runs when? The order of API rules per action – create, edit, delete, clone, job, print.

REFERENZ DEVELOPER **UPDATED: JUL 2026** APPLIES TO NUCLOS 4.2026.X

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Purpose

Overview of the order in which the API rules assigned to a BO run, depending on the action.

Create

1. StateChangeRule to the initial status (only with a status model)
2. InsertRule (parent BO) mandatory-field check
3. InsertRule of subform BOs (only with own status model) mandatory-field check
4. StateChangeFinalRule (initial status)
5. InsertFinalRule of subform BOs, then of the parent BO

Edit

UpdateRule (main BO) mandatory checks main/subform UpdateFinalRule (main BO).

Delete

Subform records are deleted along with the parent (from Nuclos 4.38 only with *delete cascade* on the reference attribute); DeleteRules run for subform BOs only with their own status model.

Other actions

Action	Order
Clone	Generate GenerateFinal form save Insert InsertFinal
User action	CustomRule (UpdateRule UpdateFinalRule)
Object generation	GenerateRule InsertRule InsertFinalRule GenerateFinalRule
Print	PrintRule PrintFinalRule
Job	JobRule
REST service	CustomRestRule



User action & save()

For user actions, `context.setUpdateAfterExecution(...)` controls whether a save follows. To perform status changes or `save()` calls from the CustomRule, the value must be `false`.

Related pages

 Server-side rules

Rule kinds.

[Open](#)

 Server rule manager

Set the order.

[Open](#)