

# Reference fields and subforms

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

## 📄 Reference fields and subforms

How to control reference fields, object generators and subforms in the Web Client via popup and layout parameters.

REFERENZ

LOW-CODE / DEVELOPER

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APPLIES TO NUCLOS 4.2026.X

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## Reference fields / object generators in popups

Opening reference-field entries or calling object generators in popups is configured in the layout editor via the advanced property `popupparameter`, e.g.:

```
left=100,top=100,width=600,height=400,status=yes,scrollbars=yes,resizable=yes
```

The screenshot displays the NUCLOS Web Client layout editor interface. At the top, there are tabs for 'Liste' and 'Details', and a toolbar with various icons. Below the tabs, there are input fields for 'Name' (containing 'Test') and 'Bemerkung'. The main workspace is divided into two panes: 'Layout' and 'Verwendung (1)'. The 'Layout' pane shows a 'Palette' with 'Eigenschaften von "zahlungsart"', which lists various properties for the 'zahlungsart' component, such as 'Name der Komponente', 'Schriftgröße', 'Hintergrundfarbe', 'Rahmen', 'Aktiv', 'Sichtbar', 'Größe', 'Tastenkürzel', 'Alternativer Tooltip', 'Valuelist-Provider', 'Erweiterte Eigenschaften', 'Werteliste editierbar', 'Spalten', and 'Nächstes Feld'. The 'Verwendung (1)' pane shows a preview of the 'zahlungsart' component, which is a dropdown menu. A red dashed box highlights the 'zahlungsart' component. A dialog box titled 'Eigenschaften bearbeiten' is open, showing the 'Eigenschaft hinzufügen' button. The 'Eigenschaftsname' is set to 'popupparameter' and the 'Eigenschaftswert' is set to 'left=100,top=100,width=600,height=400,status=yes,scrollbars=yes,resizable=yes'. The dialog box also has buttons for 'OK', 'Eigenschaft entfernen', and 'Abbrechen'.

Reference-field popup in the Web Client.

The same applies to reference fields in subforms (advanced property of the column). To open as a tab instead of a window:

```
menubar=yes, toolbar=yes, location=yes, status=yes, scrollbars=yes
```

## Subform records in popups

Via the record's L&F parameters (toolbar context menu: „Open subform records in popup“) using the same popup parameters.

## Initial read-only view for subforms

For faster loading of complex layouts, subforms can start read-only (advanced property `initialreadonly = true`). A double-click or the pencil icon switches to the regular view.



### More options

Further tuning: `popupparameter = false` opens references from subform lists inline; `NO_CLOSE = yes` in LoVs suppresses auto-close after a reference change.

## Related pages



### List views

Columns & views.

[Open](#)



### Colored rows

Color rows.

[Open](#)