

Data components

Language: [Deutsch](#) · [English](#)

Data components

Attribute-bound mask components at a glance – from textfield to subform and matrix.

REFERENZ

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UPDATED: JUL 2026

APPLIES TO NUCLOS 4.2026.X

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What are data components?

Data components are assigned to the **attributes of a business object**. Choosing the right component per data type matters (e.g. datechooser for dates, combobox for reference fields).

Palette of data components in the layout editor.



Properties

The **standard properties** (active, preferred size, shortcut, next field, dynamic active via [Groovy rules](#) ...) are described in detail under [Component properties](#).

Component overview

Component	Data type / use	Notes
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Label	any attribute	shows the attribute display name; freely placeable.
Textfield	all data types	standard input field; automatically validates numeric input.
HTML field	text/HTML	renders HTML (rich client as label, web client embedded).
Password field	encrypted text / NuclosPassword	masked input (see Special data types).
Textarea	memo	multi-line field for notes/descriptions.
Combobox	reference field	drop-down list; value list provider, editable, multi-select.
List of Values	reference field	opens a search mask; LOV/drop-down button, alternative search mask.
Datechooser	date	date selection via calendar.
Hyperlink	hyperlink / reference field	local file, website or BO reference.
Email	text	validates a correct e-mail format.
Phone number	text	phone number field.
Checkbox	yes/no	boolean choice.
Optiongroup	choice	several options with name/label/value/shortcut.
Image	image	image display; scalable, aspect ratio (see Special data types).
Subform	referencing BO	shows/creates related records (e.g. order items).
Matrix	4 BOs	value matrix – see Matrix component .
Universal component	type-dependent	freely selectable type class – see Universal component .

Related pages

Layout

Design masks.

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Component properties

Properties.

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Container elements

Structure.

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