

Checkware Designer

User Manual



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1. Checkware Designer - User Interface

Checkware Designer allows you to easily create templates for Checkware using Drag & Drop. These templates are the foundation for the checklists you will be using later. Checkware Designer is divided into three basic sections:

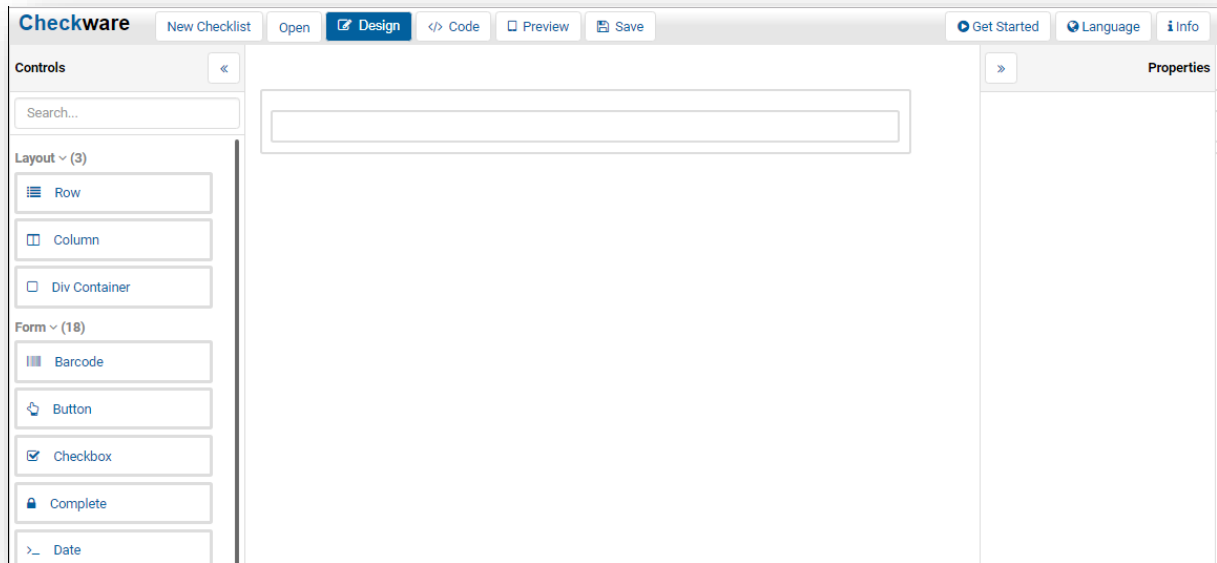
All control elements (such as text areas, checkboxes etc.) that can be used in your checklist are located in the left section. The middle section allows you to edit the checklist-template and displays the elements that you have created. In the section on your right-hand side you will find the “properties panel”, which contains the settings for a specific control element. Select the desired control element in the middle section in order to display these settings.

In addition, the top section provides a menu-bar containing the following features:

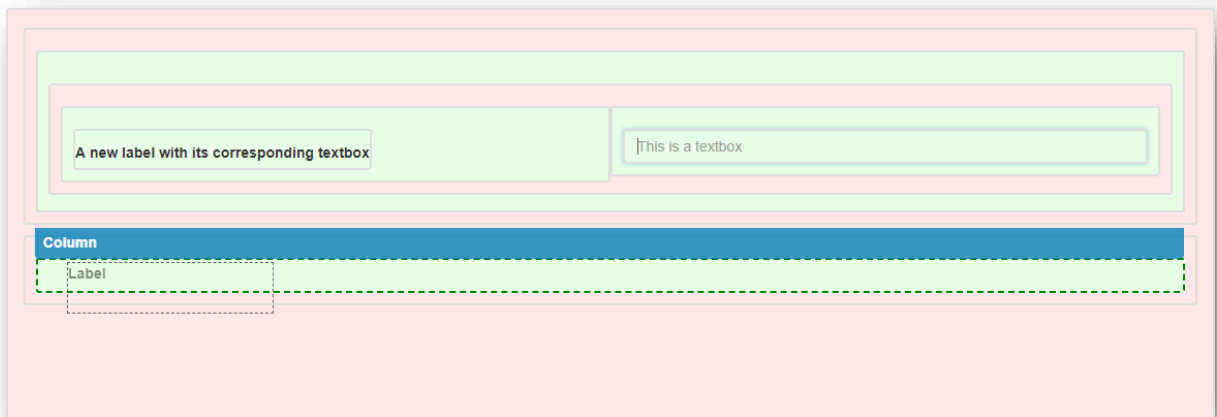
New Checklist	Choose to start from scratch or by using an existing template as foundation for your checklist.
Open	Opens an existing checklist allowing you to modify it.
Design	Displays your checklist-template and offers basic editing-features.
Code	Provides a text-editor allowing you to expand the checklist-template by your own code in order to create additional features (recommended for experienced developers).
Preview	Creates a preview for your checklist.
Save	Choose a name for your template and save it to your hard drive as an HTML file.
Language	Available languages are German and English.
Info	Displays legal information (copyright) and the current version.

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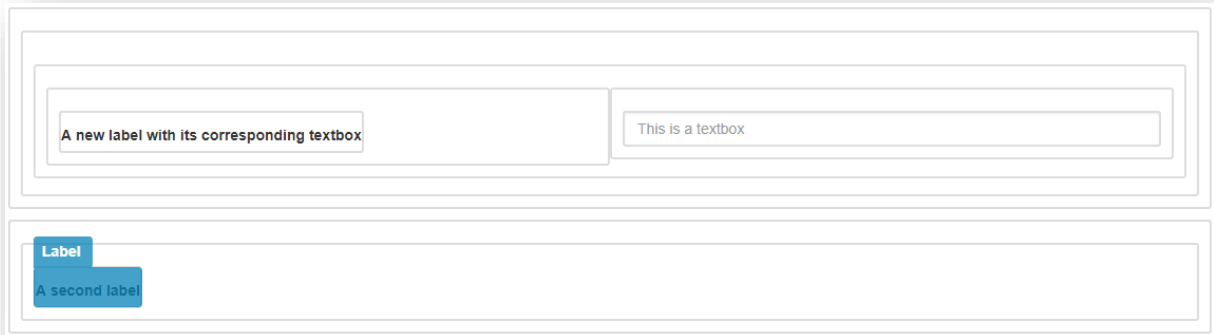
While on the Design tab you can conveniently drag the control elements located on the left-hand side into your template (Drag & Drop). Keep in mind that these control elements need to be placed into their designated containers: Columns, Div-containers or rows. As soon as you drag a control element into your template, valid containers will be colored green while invalid containers will be colored red.







As soon as you hover over control elements in your template, they will display a white label on blue background. This allows you to easily discern the type of control element you are working with. Be aware, that unlike viewing your template in the Preview-mode (and the finished checklist, of course), control elements will have a frame and are bigger in size during design, so that you can work on the structure and layout of your checklist more conveniently.

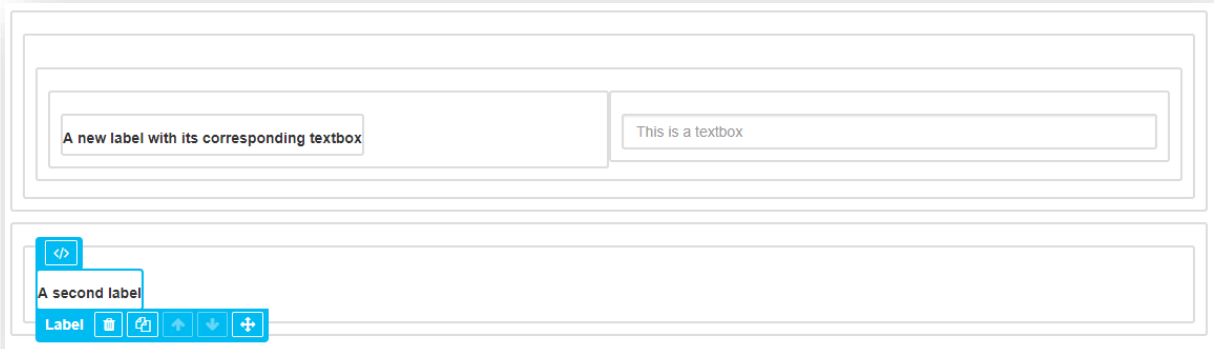
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Click on a control element contained in your template to display additional features:

	Delete	Deletes the control element
	Copy	Copies the control element and all control elements contained
	Move up	Moves the control element up in its relative order
	Move down	Moves the control element down in its relative order
	Drag & Drop	Allows you to manipulate the location of the control element using Drag & Drop



1.1 Controls

Control elements are divided into two groups: Layout and form. Layout- control elements will be invisible in preview mode (and in the checklist, once its finished). They merely serve as containers providing a structure for your form- control elements.

Form- control elements, on the other hand, are visible. These are the elements the user will fill in and use later.

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Checkware Designer offers the following control elements:

Layout:

• Row	Basic container for Columns and Form- control elements.	
	Settings:	
	Line spacing	Defines a margin between lines.
	Visible condition	Allows you to define conditions in order to turn this element visible. You can access the content or Matchcodes of other control elements. For example: <ul style="list-style-type: none">• <code>A1000() == ""</code> Display this element if element A1000 is empty.• <code>A1000() == 'Muster'</code> Display this element if the value of element A1000 is "Muster".• <code>A1000() != 'Muster'</code> Display this element if the value of element A1000 is not "Muster".
• Column	Basic container for Form- control elements. The maximum number of columns per row is 12. In addition, columns are being utilized for Responsive Design, allowing you to adapt your layout to different devices and screen sizes.	
	Settings:	
	Width LG (< 1200px)	Width for large screens (i.e. desktop computers).
	Width MD (1200px - 992px)	Width for medium screens (i.e. tablets in landscape mode).
	Width SM (991px – 768px)	Width for medium screens (i.e. tablets in portrait mode).
	Width XS (<768px)	Width for small screens (i.e. smartphones).
	Important note: You can define the width of a column by using percentages or numeric values. The width of its superior row equals to 100% or 12 units. This means you can define the width of a column by defining its proportions - relative to its superior row.	
	Start Row modus	Defines a breakpoint that makes a column behave like a row (including margins).
	Text alignment	Defines the alignment of elements contained in the column (left-hand side, right-hand side, or centered).
	Visible condition	See Row .

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Form:

• Barcode	Allows you to include data of a specific installation into a checklist by scanning a barcode when using Checkware-App.
	Settings:
	Background Color Assign a color to the button.
	Matchcode Serves as an ID for this element. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
Visible condition See Row .	
• Button	Includes a button that allows you to implement advanced features (for experiences developers).
	Settings:
	Background Color Assign a color to the button.
	Button Text / HTML Defines the label of your button. You can also use HTML-tags.
	Margin Allows you to define margins on different locations (top, right, bottom, left).
	Visible condition See Row .
click Implement additional code here: You may, for example, reset the checklist or specific control elements upon clicking.	
• Checkbox	This control element allows you to offer a choice between different options (i.e. yes/no, small/medium/large). In contrast to Radio Buttons , several options may be checked at one time.
	Settings:
	Matchcode Serves as an ID for this element. Must not contain blanks or special characters.
	Label Defines the label of the checkbox.
	Margin Allows you to define margins on different locations (top, right, bottom, left).
Visible condition See Row .	
• Comment	Displays text on the checklist (similar to labels).
	Settings:
Text Defines the text that is going to be displayed.	

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	Font Size	Defines the font size of this comment.
	Text alignment	Defines the alignment of elements contained in the column (left-hand side, right-hand side, or centered).
	Style	Choose either bold (B) or <i>italics</i> (I). Choosing neither will leave the text on its default-value.
	Font Color	Offers a choice between different font colors.
	Visible condition	See Row .
• Complete	This control element completes the checklist, ending the editing process and thus closing the checklist.	
	Settings:	
	Validate checklist	Validates the checklist upon completion, if checked.
	Background Color	Assign a color to the button.
	Button Text	Name of this element.
	Visible condition	See Row .
• Date	Provides a text box in which you can insert a specific date.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters.
	Visible condition	See Row .
• Gallery	A gallery displays pictures that have been taken using the Picture - control element (see Picture). Pictures are linked to the gallery by using matchcodes.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters.
	Visible condition	See Row .
• Heading	Provides a label with larger fonts. Choose either Heading Size or Font Size if you want to manipulate the Size of your heading.	
	Settings:	
	Heading Size	Defines the font size of this heading by default values: 1 (large) to 6 (small)
	Text	Defines the text in the text box.
	Font Size	Defines the font size of this heading in pixels.

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	Text alignment	Defines the text alignment (left-hand side, right-hand side, or centered).
	Font Color	Offers a various different font colors.
	Visible condition	See Row .
• Image	Displays an image.	
	Settings:	
	File	Include a image by dragging it into this section.
	Presentation	Manipulate the design of the image. These settings will take effect once you view the Preview mode.
	Width	Defines the width of the image. If you leave this setting blank it will be defined automatically.
	Height	Defines the height of the image. If you leave this setting blank it will be defined automatically.
	Alignment	Aligns the picture to either the left-hand or the right-hand side.
	Visible condition	See Row .
• Info Button	Displays a dialog with arbitrary text.	
	Settings:	
	Dialog text	Defines the content of the dialog.
	Background Color	Assign a color to this button.
	Button Text / HTML	Name the label of this button.
	Margin	Allows you to define margins on different locations (top, right, bottom, left).
	Visible condition	See Row .
	click	Implement additional code here.
• Label	Inserts a label into your template. Labels are usually used to display additional information about associated control elements.	
	Settings:	
	Text	Defines the text the label will display.
	Font Size	Defines the font size of this heading in pixels.
	Text alignment	Defines the text alignment (left-hand side, right-hand side, or centered).

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	Style	Choose either bold (B) or <i>italics</i> (I). Choosing neither will leave the text on its default-value.
	Font Color	Offers a choice between various font colors.
	Visible condition	See Row .
• Location	Inserts the geodata of the device used into the control element that mirrors the matchcode of this button. (requires JavaScript-Code)	
	Settings:	
	Background Color	Assign a color to the button.
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters.
	Text	Defines the label on the control element.
	Visible condition	See Row .
• Picture	Allows you to take pictures if a mobile device is being used.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters.
	Picture Caption	Adds a caption to your picture.
	Background Color	Assign a color to the button.
	Text	Defines the label on the control element.
	Visible condition	See Row .
• Radio Button	This control element allows you to offer a choice between different options (i.e. yes/no, small/medium/large). In contrast to checkboxes , only one option may be checked at one time.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
	Label	Defines the label of the radio button.
	Value	Defines the value that will be returned and saved with its corresponding matchcode.
	Background Color	Assign a color to the radio button.
	Margin	Allows you to define margins on different locations (top, right, bottom, left).
	Visible condition	See Row .

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	Mandatory field	Makes this element mandatory to completing the checklist.
• Select	Provides a drop-down menu.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
	Elements	You can define the elements that are going to be displayed in the drop-down menu, here. Click on the plus-icon in order to add an additional element.
	Width	Defines the width of the drop-down menu (in Pixels).
	Visible condition	See Row .
• Signature	Allows you to put your signature onto the checklist in order to complete it. This control element will always adapt to the width of the superior column.	
	Settings:	
	Signature matchcode	Serves as an ID for the signature. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
	Date matchcode	Serves as an ID for the date. Must not contain blanks or special characters. Please note: Only fill in this field if you wish to save the date the checklist was signed on. If so, keep in mind that you are required to insert a Date- control element with the identical matchcode, as well.
	Name matchcode	Serves as an ID for the name of the current user. Must not contain blanks or special characters. Please note: Only fill in this field if you wish to save the name of the user signing the checklist. If so, keep in mind that you are required to insert a text box- control element with the identical matchcode, as well.
	Label	Defines the label located below the signature.
	Button Label	Name the label of the button that initiates the signature.
	Complete checklist	Completes the checklist upon signature, if checked.
	Validate checklist	Validates the checklist upon signature, if checked.
	Text alignment	Defines the alignment of the label (left-hand side, right-hand side, or centered).
	Visible condition	See Row .

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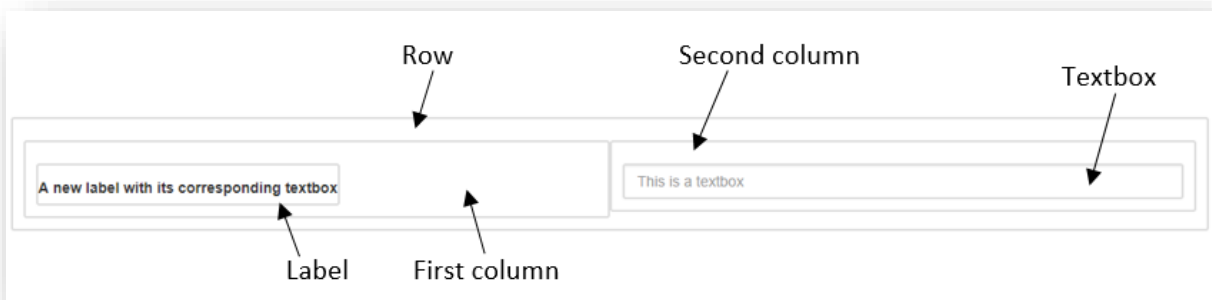
• Textarea	A field in which the user can fill in text. Provides a larger text box that also allows the use of line breaks.	
	Settings:	
	matchcode	Serves as an ID for the signature. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
	Field type	Choose which type of data you want to use. You can choose between: "Text", "Number", "JSON", "Date", "Bool (true/false)", and Image.
	Text alignment	Defines the alignment of the text displayed (left-hand side, right-hand side, or centered).
	Width	Defines the width of your text area in pixels.
	Rows	Set the number of rows your text area will display by default. If the text extends the number of rows, a scroll bar will appear.
	Visible condition	See Row .
• Textbox	A field in which the user can fill in text. Does not allow the use of line breaks.	
	Settings:	
	Placeholder	Defines a default value that will be displayed until the textbox is filled with another value.
	Background Color	Changes the background of the textbox to another color.
	Matchcode	Serves as an ID for the signature. Must not contain blanks or special characters. This code is used to statistically analyze completed checklists.
	Field type	Choose which type of data you want to use. You can choose between: "Text", "Number", "JSON", "Date", "Bool (true/false)", and Image.
	Text alignment	Defines the alignment of the text displayed (left-hand side, right-hand side, or centered).
	Width	Set the width of your text area in pixels.
Visible condition	See Row .	
• Time	Provides a text box in which you can insert a specific time.	
	Settings:	
	Matchcode	Serves as an ID for this element. Must not contain blanks or special characters.
Visible condition	See Row .	

Experienced developers may add additional features directly into the code of a specific control element by clicking the  - icon, which is located on the top-left corner of a selected control element.

2. Checklist-templates

2.1 Creating a new checklist-template

A checklist needs to be divided into rows and columns, before form- control elements may be dragged into it. A row may be placed either on the top section (in the main container) or in a column. Columns, on the other hand, may only be dragged into rows. Rows and columns can nest to any depth.



The example provided above contains a row consisting of two columns. The left column contains a label whereas the second column contains its corresponding text box.

The same example, however, will look like the example provided below when viewed in preview-mode.

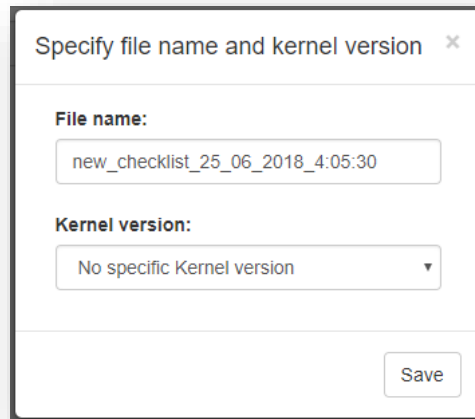


This basic example helps you to build your checklist step by step - row by row.

If you are done designing your checklist-template, save it to your hard drive as an HTML-file by clicking the save button. A dialog will open, ask you to choose a name and download your checklist afterwards.

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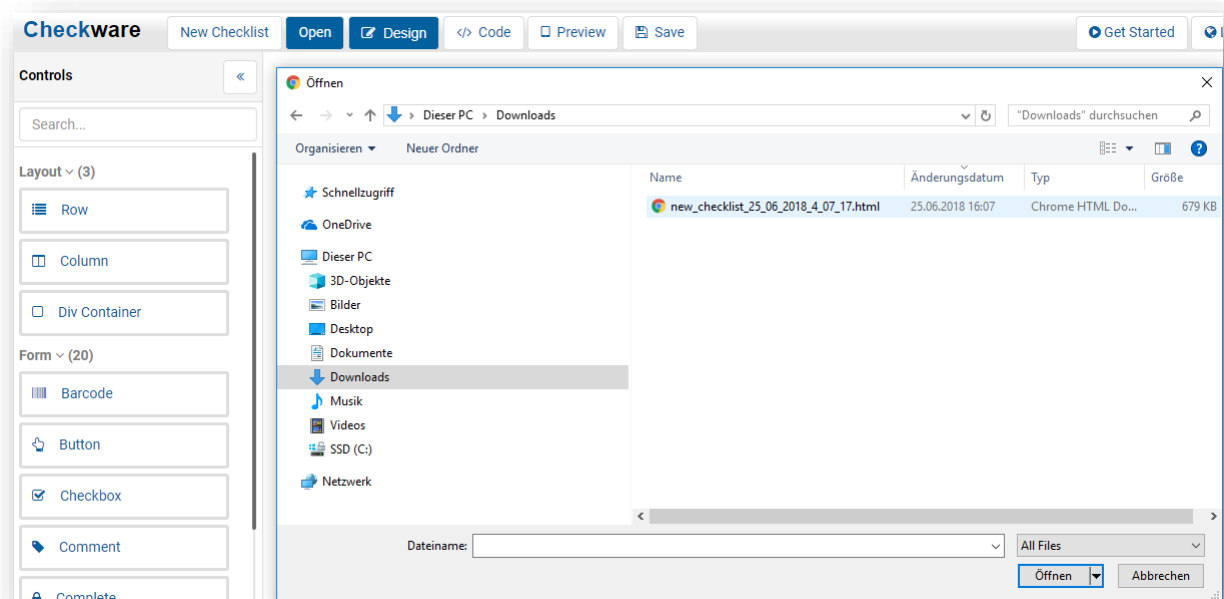
Specify file name and kernel version ✕

File name:

Kernel version:

2.2 Editing an existing checklist-template

In order to edit an existing checklist, click Open in the top section of your web browser. A dialog will open that will let you navigate through the files on your local device.



Checkware Designer will then open the file so you can conveniently continue working on your template.