

Conditional Questions

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Introduction

Conditional logic (also called branching or skip logic) helps make your form simpler and easier to fill out by hiding questions that are not relevant to specific answers. You can add conditional rules to individual fields, sections (groups of fields), and pages.

A **conditional field** is a field that is hidden from the respondent's view by default. Once triggered by a field, it is visible on the form.

Note: While FormAssembly does not have limits on the use of this feature, extensive use in combination with other, similar features may impact performance on respondent browsers and devices. Before you begin building advanced forms, we recommend reading through this [Best Practices document](#) to learn more about our recommended planning and testing practices.

Create a Conditional Field

1. First, you must have at least two fields to get started:
 - A field you'd like the condition based on, the **trigger field**.
 - A field, section, or page to make conditionally appear based on the selection in the trigger field.
2. Select the field you would like to conditionally hide. Open the [editing sidebar](#) and expand the Conditional Rules settings.
3. Click **Edit** to begin.
4. Use the drop-down list to select the trigger field that shows your conditional field.
 - All text input fields and multiple-choice options for the form are represented in this list. You may start typing to narrow down your options.
 - Use the full-screen option to open a larger view.
 - **Note:** Text area fields are not supported as trigger fields. Please use a text input field instead.
5. If you need to show your conditional field when a specific field choice is selected, keep the rule **equal[=]** to the choice. You may also choose to have the rule **not equal** by clicking on the gray checkmark next to the answer selection.

6. When using a text input field as your trigger field, you can use any of the following operators to compare it to a set value.
 - Equals to
 - Does not equal to
7. Contains
 - Does not Contain
 - Starts with
 - Does not start with
 - Ends with
 - Does not end with
8. If you would like to use a date in your trigger field, first, you need to ensure that the field has one of the FormAssembly date validation options selected. Then you can use any of the following operators to compare it to a set date.
 - Before
 - After
 - Same As
9. If you would like to use numbers in your trigger field, first you need to ensure that the field has one of the FormAssembly number validation options selected. Then you can use any of the following operators to compare it to a set numerical value.
 - Greater than
 - Greater or equal to
 - Lower than
 - Lower or equal to
 - Equal to
 - Not equal to

Note: There is a limitation on how many options can be displayed. If you are searching for an option and do not see what you need, try searching by the field label instead of the field option.

Setting up a Conditional Rule with a Multiple-Choice Field:

The screenshot displays the Form Builder 5.0.0 interface. At the top, there are navigation tabs: 'ADD CONTENT', 'THEMES', 'PROPERTIES', and 'OUTLINE'. On the right side, there are buttons for 'Preview', 'Undo', 'Redo', and 'Save'. The 'OUTLINE' tab is active, showing a tree view of the form structure. The tree includes a section titled 'Are you over 18?' (tfa_4) which contains a 'Conditionally Triggered Section' (tfa_7). This section contains a 'First Name' field (tfa_8). The main preview area shows the form layout. It features a 'Form Title' at the top, followed by a question 'Are you over 18?' with two radio button options: 'Yes' and 'No'. Below this is a 'Conditionally Triggered Section' containing a 'First Name' text input field. A blue 'Submit' button is located at the bottom of the form. The bottom of the interface shows 'Form Builder 5.0.0' on the left, 'Contact Information' in the center, and a lightbulb icon on the right.

Using Not Equal With a Multiple-Choice Field:

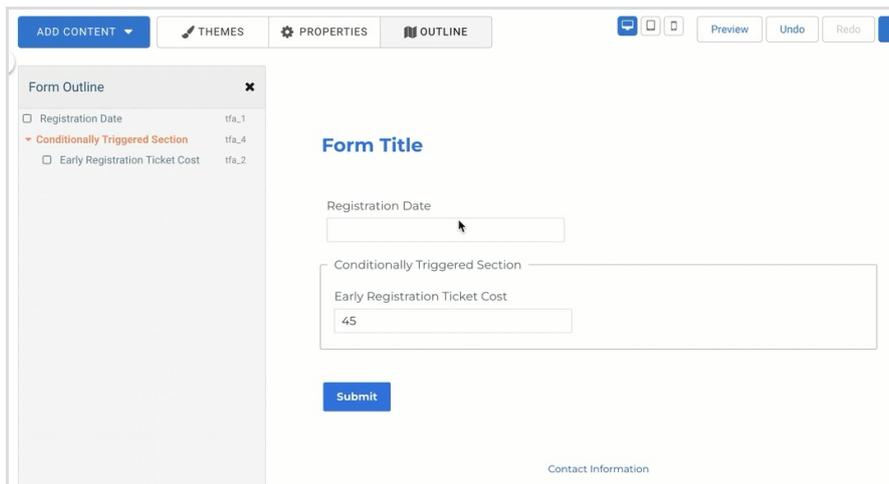
The screenshot shows the 'Conditional Rules Editor' interface. At the top, it says 'Conditional Rules Editor'. Below that, there is a brief explanation: 'Conditional rules, also called branching or skip logic, helps make your form simpler and easier to fill out by hiding questions that are not relevant to specific answers.' A link 'Learn more about Conditional Rules here.' is provided. In the center, there is a field labeled 'Are you over 18? / Yes' with a red 'X' icon to its right. At the bottom, there is an 'Advanced Options' section with a search bar containing the text 'Looking for more choices?'. On the far right, there are two buttons: 'Don't Save' and 'Save'.

Setting up a Conditional Rule with a text input field:

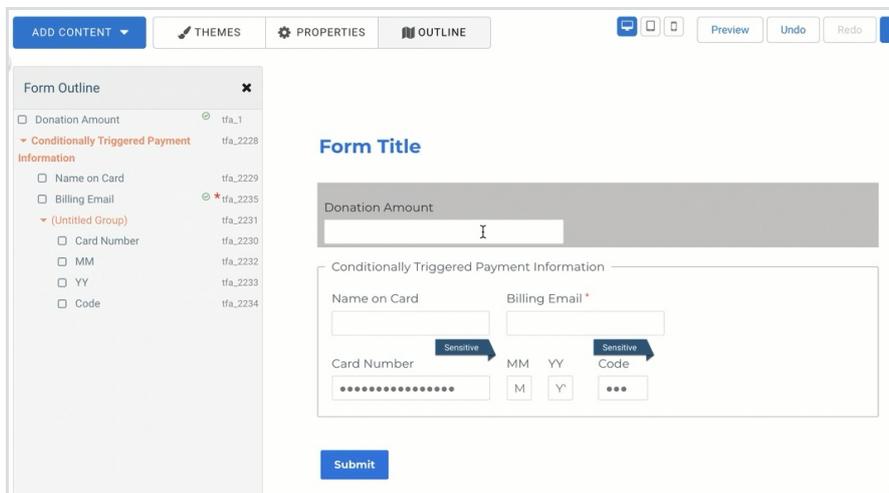
The screenshot shows a form builder interface. At the top, there are tabs for 'ADD CONTENT', 'THEMES', 'PROPERTIES', and 'OUTLINE'. On the right, there are buttons for 'Preview', 'Undo', and 'Redo'. On the left, there is a 'Form Outline' panel with a list of sections: 'Describe Construction Improvements' (tfa_1), 'Conditionally Triggered Section' (tfa_8), and 'What Solar Improvements are you doing?' (tfa_4). The main area shows a form titled 'Form Title'. It has a text input field labeled 'Describe Construction Improvements'. Below it is a 'Conditionally Triggered Section' containing a question 'What Solar Improvements are you doing?' with three radio button options: 'Solar Panels', 'Solar Water Heater', and 'Solar Batteries'. At the bottom of the form is a 'Submit' button. The version number 'Form Builder 5.0.0' is visible in the bottom left corner.

Note: The value you enter in the text field conditional is case-sensitive, so keep in mind what your respondents might enter.

Setting up a Conditional Rule with a date field:



Setting up a Conditional Field with a number field:



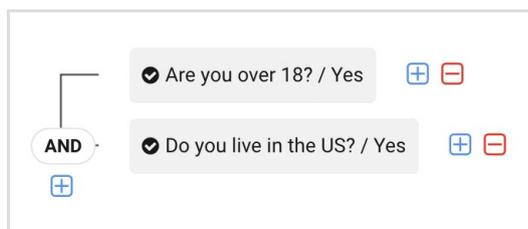
To delete a condition, click the red [-] box to the right.

AND/OR Branching

- To add additional logic to your field, click the gray [+] button.

The conditional field will show if "Yes" is selected for **either** question.

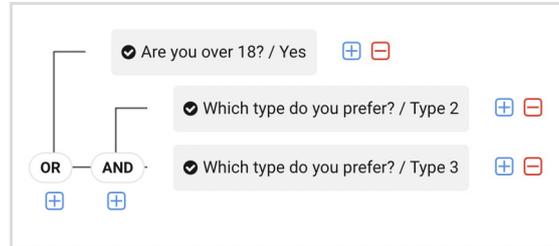
- Click the **OR** button to toggle between AND and OR.



The conditional field will show if "Yes" is selected for **both** questions.

Further Branching

Once you have begun branching (i.e., once you have more than one conditional rule), you can continue branching by clicking the blue **[+]** button to the right of the drop-down menu or the blue **[+]** buttons at the beginning.



The conditional field will show if either:

- **Yes** is selected on the form.

OR

- **Type 2 AND Type 3** are both selected on the form.

Your branching logic can be as complex as you would like. A second example would be:



The conditional field will show if either:

- United States is selected

OR

- Canada is selected AND Female is selected AND Muslim is selected

OR

- Canada is selected AND Jewish is selected

Alternatively, using the same triggers, you could create a setup like this:



The conditional field will show if:

- United States OR Canada OR Female is selected

OR

- Jewish AND Muslim are selected
-