
FLOW^x.AI

BUILDING BLOCKS / UI Designer / ui-actions

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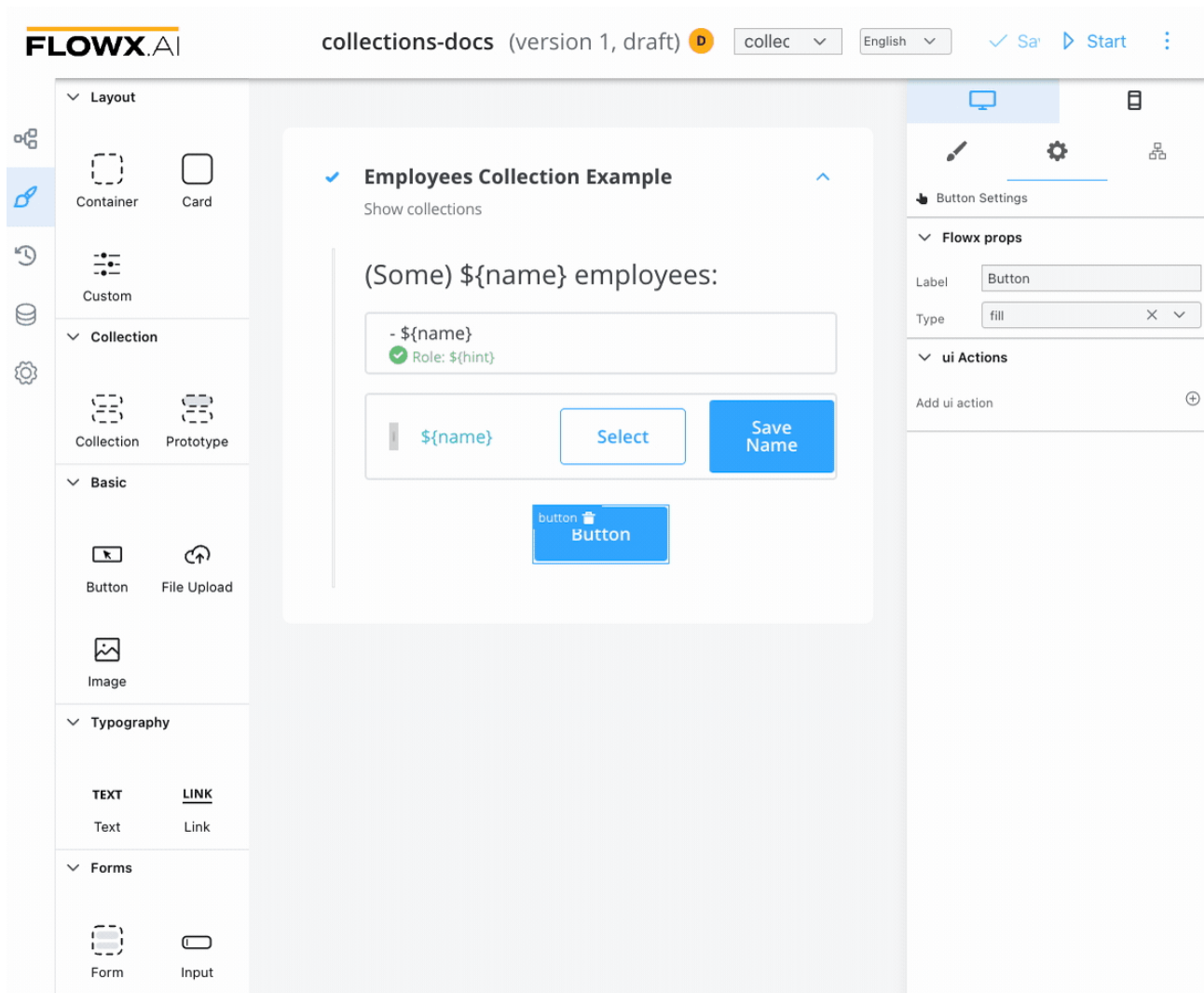
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BUILDING BLOCKS / UI Designer / UI actions

Multiple UI elements can be linked to an **action** via a UI Action. If the action is just a method to interact with the process, the UI Action adds information about how that UI should react. For example, should a loader appear after executing the action, should a modal be dismissed, or if some default data should be sent back to the process.

UI actions create a link between an **action** and a UI component or **custom component**.

The UI action informs the UI element to execute the given action when triggered. Other options are available for configuration when setting an action to a button and are detailed below.



There are two main types of UI Actions:

- **Process UI Actions**
- **External UI Actions**

Process UI actions

This is a UI action that describes how a **Button** (generated or custom) should interact with a process Manual action.

First, we need to configure the **manual action** that will be referred from the UI Action. For more information on how to add an action to a node, and how to configure it, check the following section:

» Adding an action to a node

Manual action configuration example - Save Data

1. Add an **action** to a node.
2. Select the action type - for example **Save Data**.
3. The action **type** should be **manual**.
4. **Keys** - it has two important implications:
 - First, this is a prefix of the keys that will send back by the UI Action link to this action. For example, if we have a big form with a lot of elements, but we need an action that just sends the email back (maybe creating email validation functionality) we will add just the key of that field:
`application.client.email`; if we need a button that will send back all the form elements that have keys that start with `application.client` we can add just this part
 - Second, a backend validation will be run to accept and persist just the data that start with this prefix. If we have three explicit keys,
`application.client.email`, `application.client.phone`, `application.client.address` and we send `application.client.age` this key will not be persisted

The screenshot shows the 'Actions' configuration panel in the FlowX.AI UI Designer. The panel is titled 'Node Config' and 'Actions'. On the left, there is a sidebar with 'Actions' and a sub-item 'saveUAction'. The main configuration area for the 'saveUAction' node (ID: 525052) includes the following fields and options:

- Name:** saveUAction
- Order:** 1
- Timer Expression:** (empty field)
- Save Data:** (dropdown menu)
- Automatic:** ☐
- Manual:** ☒
- Mandatory:** ☒
- Optional:** ☐
- Repeatable:** ☐
- Autorun Children?:** ☐
- Allow BACK on this action?:** ☐
- Data to send:** application.firstName

A 'Save' button is located at the bottom right of the configuration area.

When this prerequisite is ready we can define the UI Action.

⚠ CAUTION

UI Actions and Actions should be configured on the same node.

UI action configuration example

Multiple configurations are available - **ACTION** type example:

- **Event**
- **Type**
- **Node Action Name** - dropdown with available actions for this node. If the dropdown is empty please add a manual action that is required before we create the UI Action
- **Use a different name for UI action**
- **UI action name** - **this becomes** important when the action is used in a **Custom component** as it will be used to trigger the action. For UI actions added on a generated button component this name is just descriptive

- **Custom body** - this is the default response in JSON format that will be merged with any extra parameters added explicitly when executing the action, by a web application (from a **custom component**)
- **Forms to validate** - select from the dropdown what element will be validated (you can also select the children)
- **Dismiss process** - if the UI Actions is added on a subprocess and this parameter is true, triggering this UI action will dismiss the subprocess view (useful for modals subprocess)
- **Show loader?** - a loader will be displayed if this option is true until a web-socket event will be received (new screen or data)

▼ ui Actions

Add ui action

Add action

Event

CLICK

Type

ACTION

Node Action Name

saveUiAction

☐ Use a different name for UI action

Custom body

Forms to validate

FORM

☐ Dismiss process? ☐ Show loader?

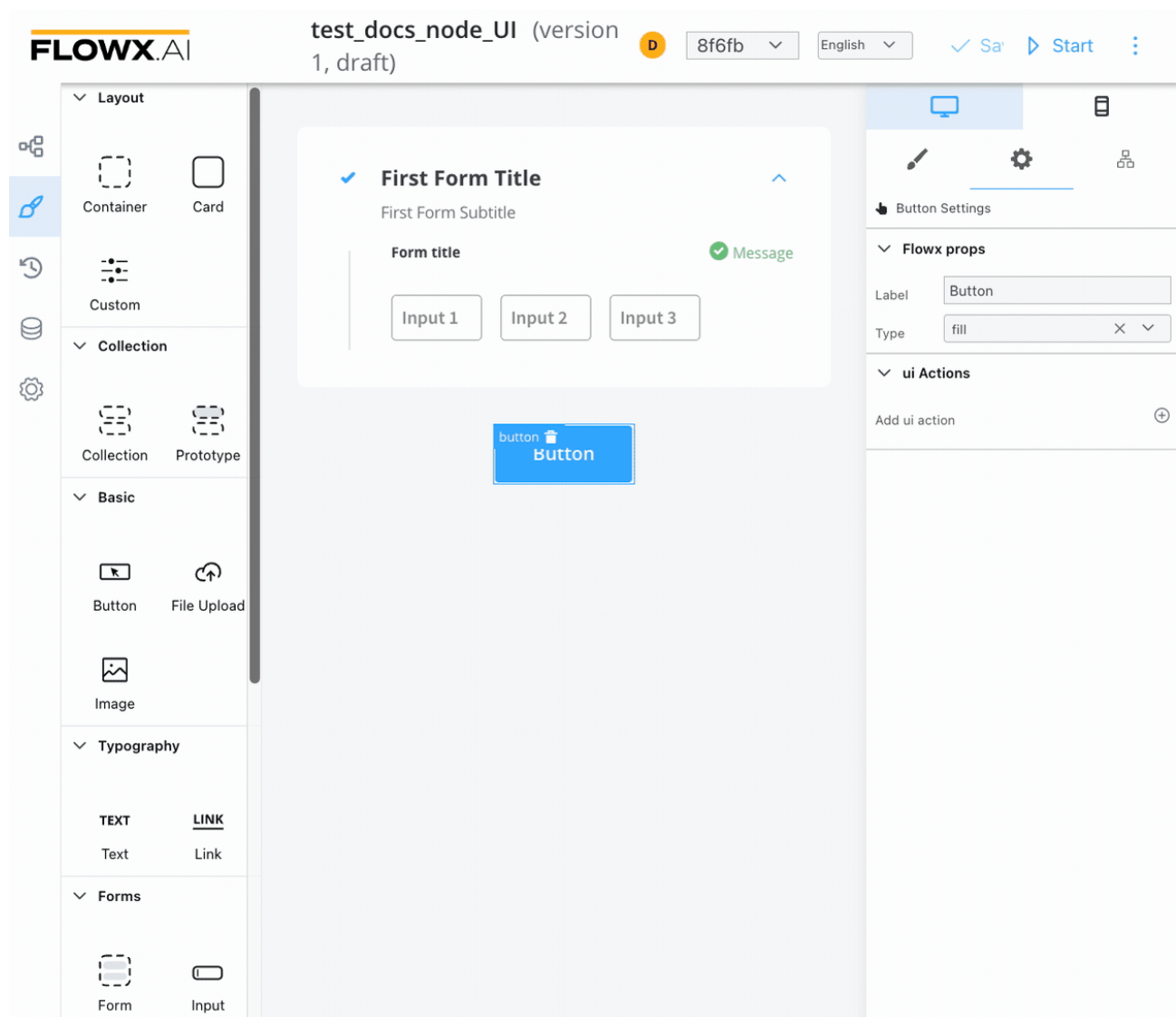
Cancel

Save

UI actions elements

Events

You can add an event depending on the element that you select. There are two events types available: **CLICK** and **CHANGE**.



! Not available for *UI Actions* on Custom Components.

Action types

The **action type** dropdown will be pre-filled with the following UI action types:

- DISMISS - used to dismiss a modal after action execution
- ACTION - used to link an action to a UI action
- START_PROCESS_INHERIT - used to inherit data from another process
- UPLOAD - used to create an un upload action
- **EXTERNAL** - used to create an action that will open a link in a new tab

External UI actions

Used to create an action that will open a link in a new tab.

If we toggle the EXTERNAL type, a few new options are available:

1. **URL** - web URL that will be used for the external action
2. **Open in new tab** - this option will be available to decide if we want to run the action in the current tab or open a new one

Add action ✕

Type

EXTERNAL ✕ ▼

Ui action Name

RedirectToGoogle

Url

www.google.com

Params

☐ Dismiss process? ☐ Open in new tab?

Cancel

Save

For more information on how to add actions and how to configure a UI, check the following section:

» [Managing a process flow](#)

Was this page helpful?