

## AppBuilder Component

The component JSON structure

```
{
  "props": { → include any shield component specific properties
    "title": "Select Account"
  },
  "style": { → css style for the component
    "grid-column": "1 / span 3",
    "grid-row": "1"
    ...additional style as required
  },
  "type": "<component type alias name>",
  "name": "<component name>"
}
```

### Shield Component vs UI Editor Type Alias mapping

Sl No	Type Alias	Shield Component	Additional Properties Supported
1	button	USBButton	onClick
2	text	USBTextInput	onChange, validate, initData, data
3	radio	USBRadioGroup	onChange, validate, initData, data
4	checkbox	USBCheckboxGroup	onChange, validate, initData, data
5	textbox	USBTextArea	onChange, validate, initData
6	dropdown	USBDropdown	onChange, validate, initData, data
7	select	USBSelect	onChange, validate, initData, data
8	tooltip	USBTooltip	-
9	dateinput	USBDateInput	onChange, validate, initData
10	icon	Icon	-
11	notification	USBNotification	-
12	label	None	data
13	header	None	title
14	modal	USBModal	openModal, title
15	tabs	USBTabs	-
16	table	USBTable	initData
17	accordion	USBAccordion	onClick
18	actionChips	USBActionChips	onClick
19	chip	USBChip	-
20	calendar	USBCalendar	onChange
21	combobox	USBCombobox	onChange
22	line	USBDividerLine	-
23	drawer	USBDrawer	openModal, title
24	link	USBLink	-
25	progressIndicator	USBProgressIndicator	onClick
26	searchInput	USBSearchInput	onChange

The detail properties on each Shield component can be retrieved from <https://design-system.usbank.com/2a57a3c5c/p/85b7e3-all-components>

### **Additional Properties Details**

#### onClick:

This property is used to involve framework/custom functions and can be used to navigate to next screen. The framework provides OOTB 'updateScreen' function and supports below parameters

- component : array of screen name to load the form JSON.
- objectQuery: array of object query

#### onChange:

This property is used to involve framework/custom functions and can be used to handle component level events e.g. loading another component(s). The framework provides OOTB 'updateSelect' function and supports below parameters

- component : array of component object i.e. with name and data. Name represent the component to update and data will be ref name to use to update the component.

#### validate:

This property can be used to involve any custom function to execute validation. The response for the validation can be as per shield validation function. The input to the function will include the event object provided by the shield component.

#### initData:

This property will have the eventObject attribute which can be used to set the initial value for the component.

#### data:

This property will mention the ref name which can be used to load the component e.g. select, dropdown, checkbox options.