Flutter Chips

Types of Chips in Flutter

Flutter provides a variety of "Chips" that represent complex pieces of information in form. These can be used for different UI purposes like actions, filters, or choices. the following is types of chips:

1- Chip (Basic Chip)

2- Action Chip

3- Input Chip
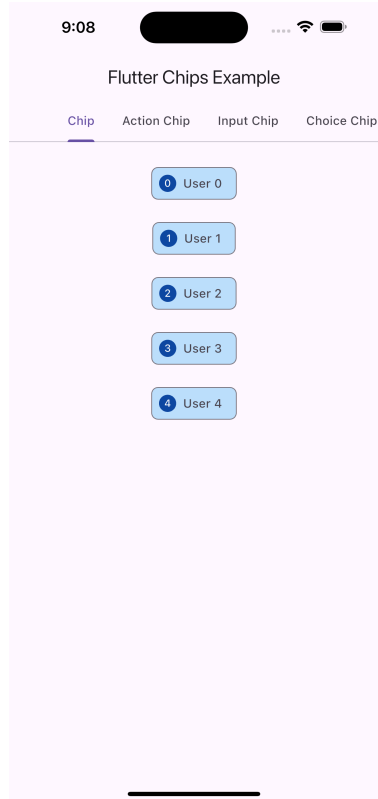
4- Choice Chip

5- Filter Chip

Basic chip with an avatar and label

```
1  child: Chip(
2    avatar: CircleAvatar(
3      backgroundColor: Colors.blue.shade900,
4      radius: 12,
5      child: Text("$index", style: const TextStyle(color: Colors.white, fontSize: 12)),
6    ),
7    label: Text(users[index]),
8    backgroundColor: Colors.blue.shade100,
9  ),
```

9:08

Flutter Chips Example

Chip	Action Chip	Input Chip	Choice Chip

0 User 0

1 User 1

2 User 2

3 User 3

4 User 4

Chip that triggers an action on tap.

```
1  child: ActionChip(
2    avatar: CircleAvatar(
3      backgroundColor: Colors.red.shade900,
4      child: const Icon(Icons.done, color: Colors.white, size: 20),
5    ),
6    label: Text(actions[index]),
7    onPressed: () {
8      ScaffoldMessenger.of(context).showSnackBar(
9        SnackBar(content: Text("Pressed ${actions[index]}")),
10     );
11   },
12   backgroundColor: Colors.red.shade100,
13 ),
```

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Flutter Chips Example

Chip | Action Chip | Input Chip | Choice Chip

✅ Action 0

✅ Action 1

✅ Action 2

✅ Action 3

✅ Action 4

Pressed Action 1

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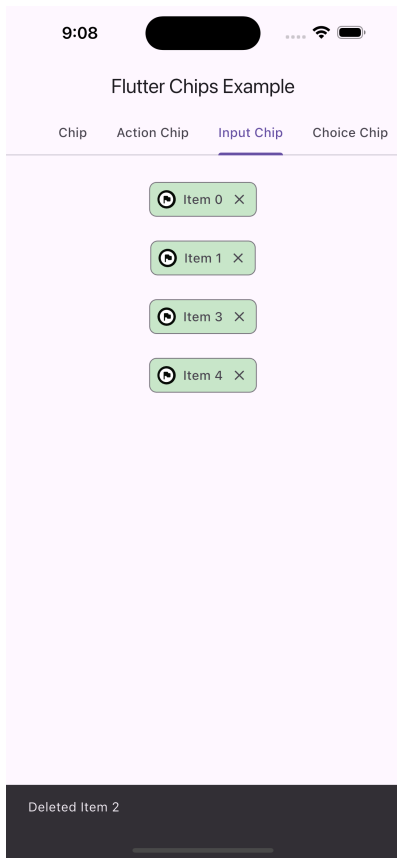
3- Input Chip Code

Represents an input (e.g., a tag or email) that can be deleted

```
1    child: InputChip(
2      avatar: const CircleAvatar(
3        backgroundColor: Color.fromARGB(255, 6, 11, 6),
4        child: Icon(Icons.flag_circle_rounded, color: Colors.white, size: 18),
5      ),
6      label: Text(items[index]),
7      onDeleted: () => deleteItem(index, context),
8      deleteIcon: const Icon(Icons.close),
9      backgroundColor: Colors.green.shade100,
10   ),
```

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Flutter Chips Example

Chip   Action Chip   Input Chip   Choice Chip

Item 0 ×

Item 1 ×

Item 3 ×
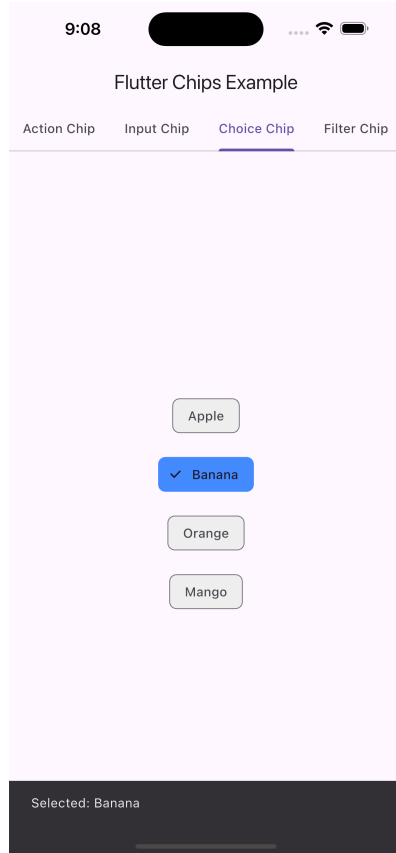
Item 4 ×

Deleted Item 2

Allows single selection among several options.

```
1   child: ChoiceChip(
2     label: Text(fruits[index]),
3     selected: selectedFruit == fruits[index],
4     onSelected: (selected) {
5       setState(() {
6         selectedFruit = selected ? fruits[index] : '';
7       });
8       ScaffoldMessenger.of(context).showSnackBar(
9         SnackBar(content: Text("Selected: ${selectedFruit.isEmpty ? 'None' : selectedFruit}")),
10      );
11    },
12    selectedColor: Colors.blueAccent,
13    backgroundColor: Colors.grey.shade200,
14  ),
```

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Flutter Chips Example

Action Chip | Input Chip | **Choice Chip** | Filter Chip

Apple

✓ Banana
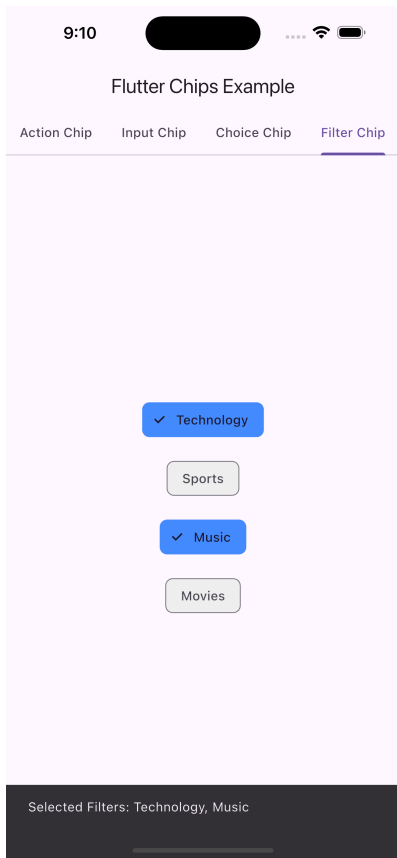
Orange

Mango

Selected: Banana

5- Filter Chip Code

Allows multiple selections, often used in filter UIs.

```
child: FilterChip(
  label: Text(filters[index]),
  selected: selectedFilters.contains(filters[index]),
  onSelected: (selected) => onSelected(selected, filters[index]),
  selectedColor: Colors.blueAccent,
  backgroundColor: Colors.grey.shade200,
),
```

9:10

Flutter Chips Example

Action Chip   Input Chip   Choice Chip   Filter Chip

✓ Technology

Sports

✓ Music

Movies

Selected Filters: Technology, Music

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THANK YOU

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