

Baseline



Aligning text or other widgets





What is the Baseline ?

Baseline widget in Flutter aligns its child widget according to a baseline.

This is particularly useful for aligning text or other widgets that have specific alignment needs.

The Baseline widget has **two main properties**:

Baseline: which specifies the **y-coordinate** for the baseline.

BaselineType: which tells Flutter how to calculate the baseline—either alphabetic or ideographic.





ex- Boxes Baseline

```
1 // ***** Baseline Example *****
2 Container(
3   width: double.infinity,
4   height: 150,
5   color: Colors.purple,
6   alignment: Alignment.center,
7   child: Baseline(
8     baseline: 200, // y-position of the baseline Change it to see the effect of baseline
9
10    baselineType: TextBaseline.alphabetic,
11    child: Container(
12      margin: const EdgeInsets.symmetric(horizontal: 40),
13      decoration: BoxDecoration(
14        borderRadius: BorderRadius.circular(10),
15        color: Colors.black,
16      ),
17      width: double.infinity,
18      height: 100,
19    ),
20  ),
21 ),
```





ex- Different text sizes are aligned on the same baseline

```
1 // ***** Baseline Row Example *****
2 const Row(
3   mainAxisAlignment: MainAxisAlignment.spaceAround,
4   children: [
5     // Using Baseline with Text
6     Baseline(
7       baseline: 100, // y-position of the baseline
8       baselineType: TextBaseline.alphabetic,
9       child: Text(
10        'Text1',
11        style: TextStyle(fontSize: 40, color: Colors.blue),
12      ),
13    ),
14    Baseline(
15      baseline: 100, // Align with the same baseline
16      baselineType: TextBaseline.alphabetic,
17      child: Text(
18        'Text2',
19        style: TextStyle(fontSize: 20, color: Colors.red),
20      ),
21    ),
22    Baseline(
23      baseline: 100, // Aligning at the same baseline
24      baselineType: TextBaseline.alphabetic,
25      child: Text(
26        'Text3',
27        style: TextStyle(fontSize: 60, color: Colors.green),
28      ),
29    ),
30  ],
31 ),
```

Text1 Text2 Text3





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THANK YOU



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