

CSS

FLEXBOX & CSS GRID

FLEXBOX

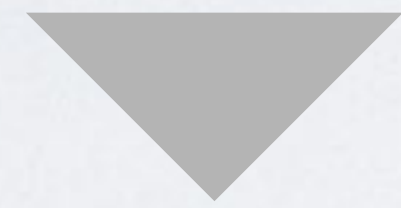
Align Items



IN A ROCKET

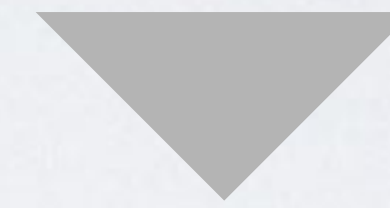
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JUSTIFY



MAIN
axis

ALIGN



CROSS
axis

“**align-items** sets the default alignment for all of the flex container’s items, including anonymous flex items.”



SOURCE: [CSS Flexible Box Layout Module Level 1](#) by W3C.

“Align items in relationship to each other on the cross axis.”

— Rachel Andrew

SOURCE: [Everything You Need To Know About Alignment In Flexbox by Smashing Magazine.](#)

cross axis (flex-direction: row)



Height defined by the height of the tallest item.



Height defined by adding a height to the flex container.

```
.container { height: 140px; }
```

align-items

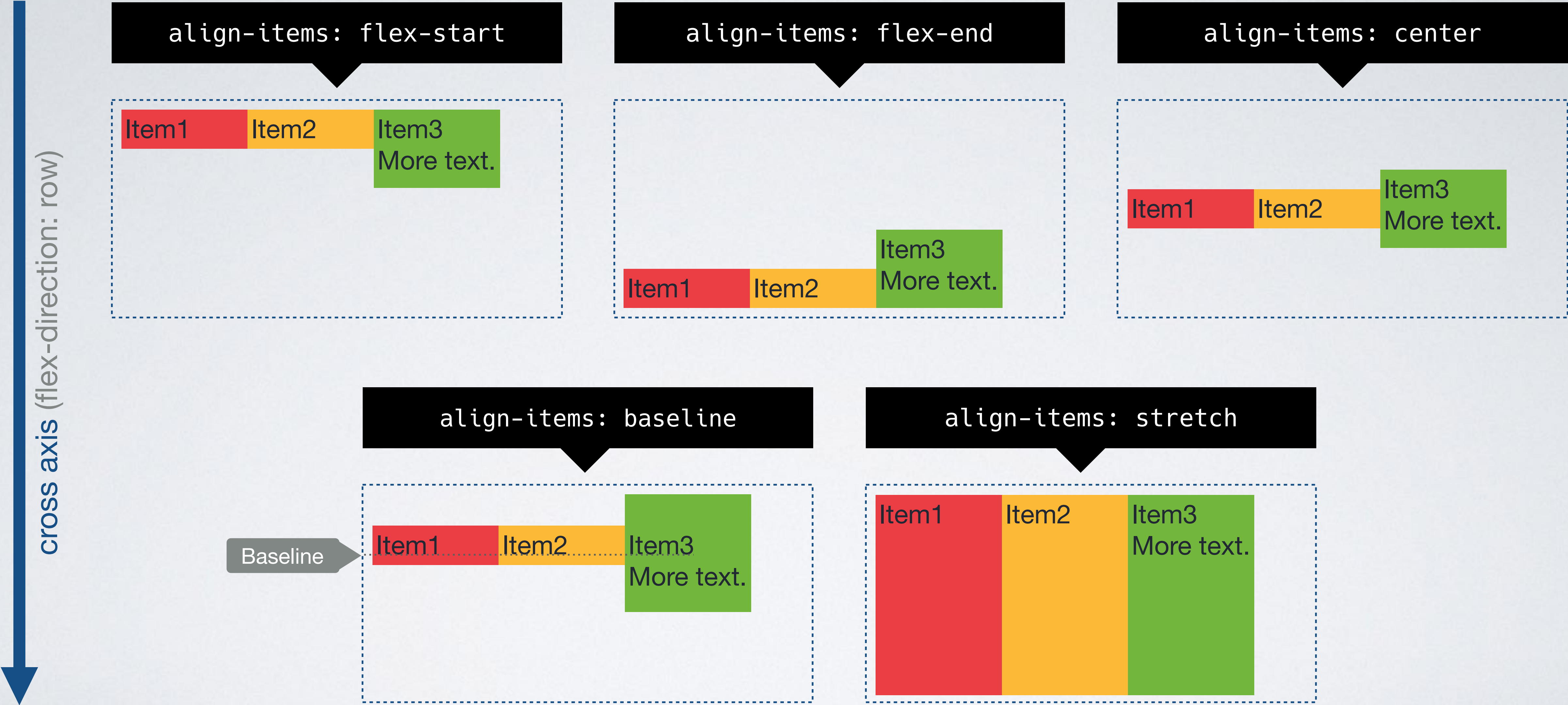
flex-start

flex-end

center

baseline

stretch (default)



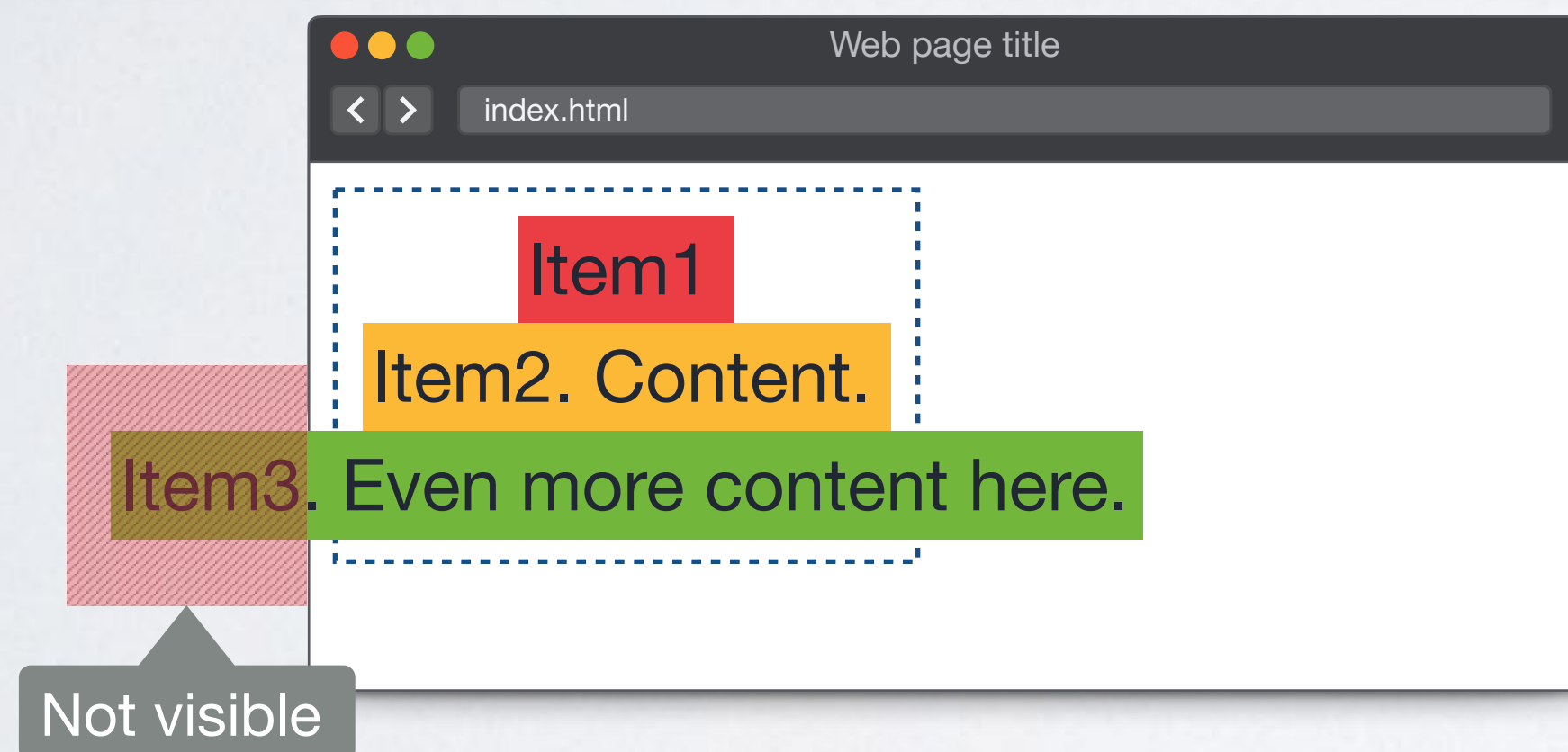
align-items

- ✓ flex-start
- ✓ flex-end
- ✓ center
- ✓ baseline
- ✓ stretch (default)

ALIGN-ITEMS: SAFE / UNSAFE

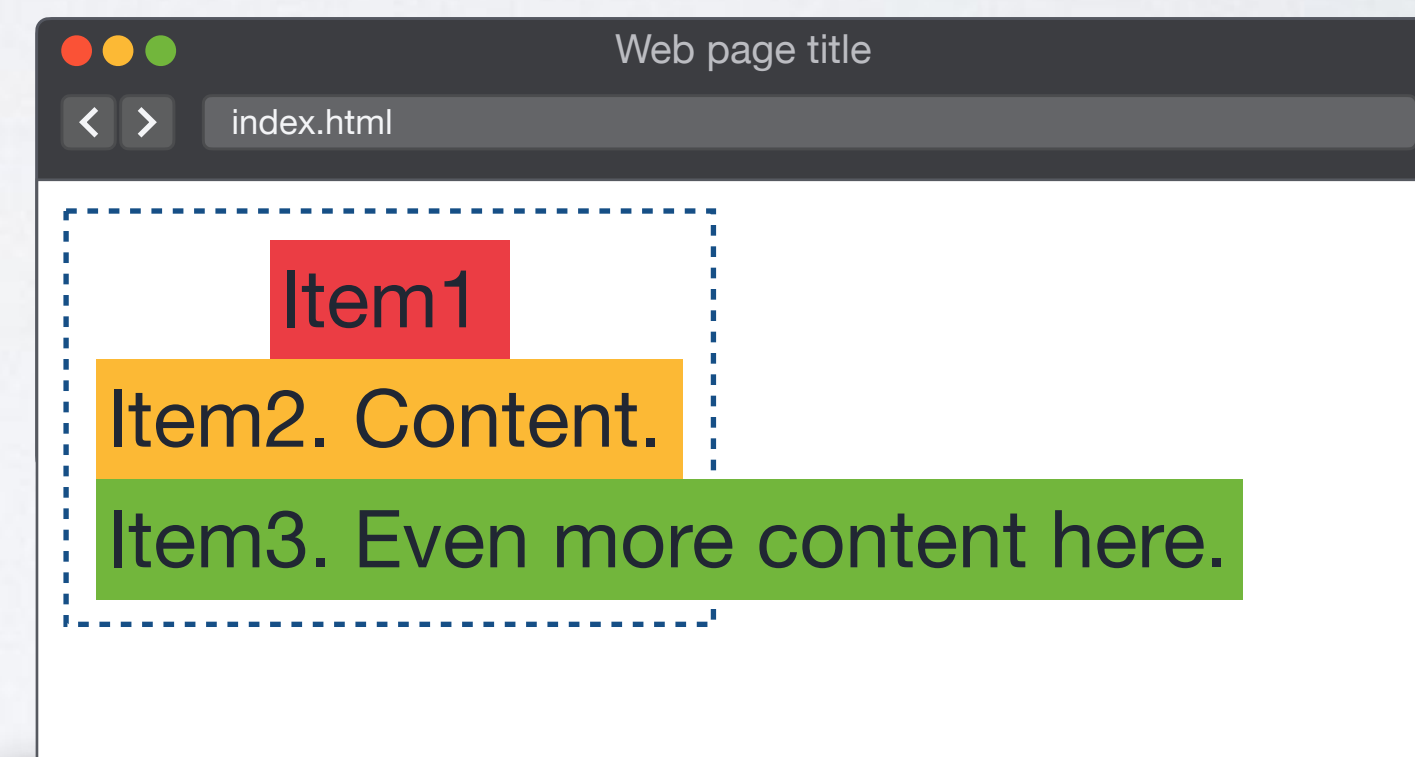
```
.container {  
  display: flex;  
  flex-direction: column;  
  width: 5em;  
  align-items: unsafe center;  
}
```

```
.item3 { width: 10em; }
```



```
.container {  
  display: flex;  
  flex-direction: column;  
  width: 5em;  
  align-items: safe center;  
}
```

```
.item3 { width: 10em; }
```



INDIVIDUAL ALIGNMENT

~ ~ ~

align-self

auto (default)

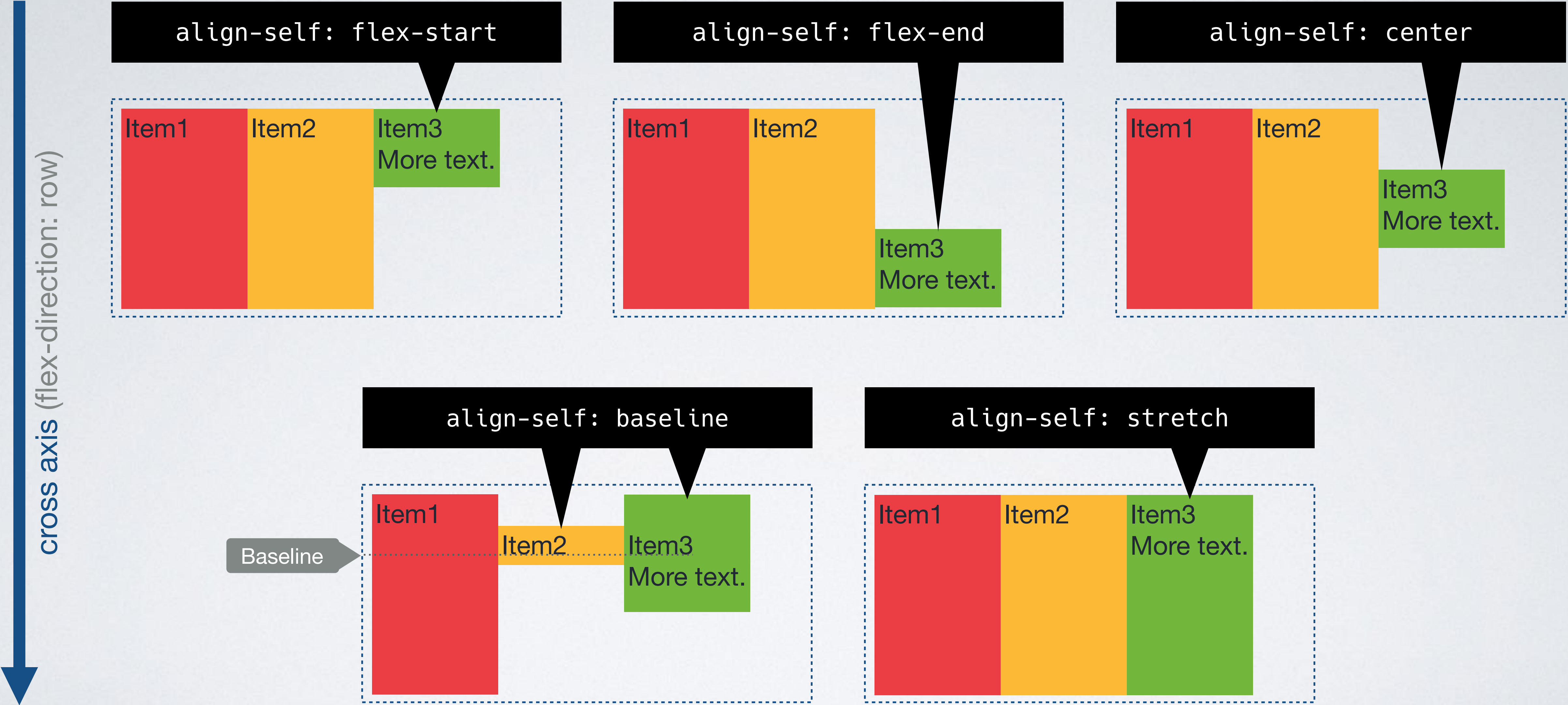
flex-start

flex-end

center

baseline

stretch



align-self

- ✓ auto (default)
- ✓ flex-start
- ✓ flex-end
- ✓ center
- ✓ baseline
- ✓ stretch

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