

CSS Flexbox Layout

一次元レイアウト



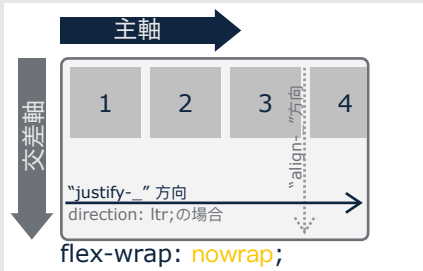
親要素 (フレックスコンテナ)

1 親要素をフレックスコンテナとして指定する

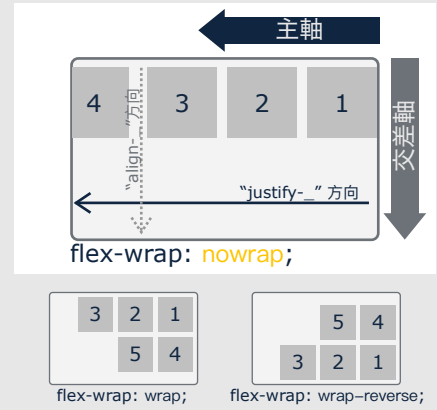
`display: flex` or `inline-flex`;

2 フレックスコンテナの主軸方向を指定する

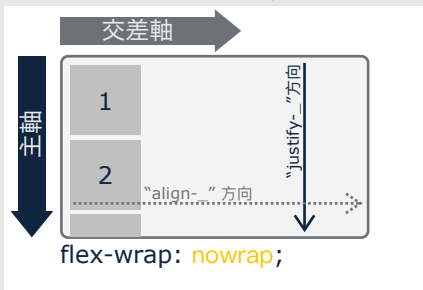
`flex-direction: row`;



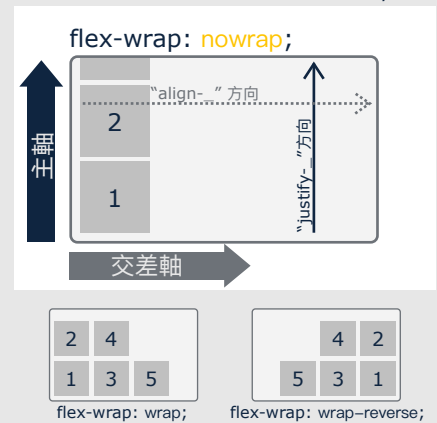
`flex-direction: row-reverse`;



`flex-direction: column`;



`flex-direction: column-reverse`;



`flex-flow: column wrap`; `flex-direction _ flex-wrap`;

`justify-content: flex-start` `center` `flex-end` `space-between` `space-around` `space-evenly`;

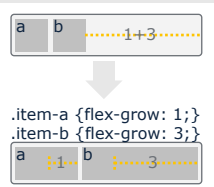
`align-items: stretch` `flex-start` `center` `flex-end` `baseline`;

`align-content: stretch` `flex-start` `center` `flex-end` `space-between` `space-around`;

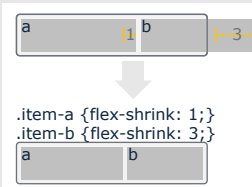


子要素 (フレックスアイテム)

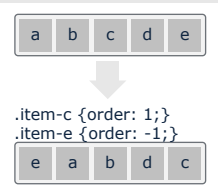
`flex-grow: 0`;



`flex-shrink: 1`;



`order: 0`;



`flex-basis:` 主軸に沿ってサイズを指定するため width にも height にもなり得る
`align-self: auto` `flex-start` `center` `flex-end` `baseline` `stretch`;

`z-index: 0`;

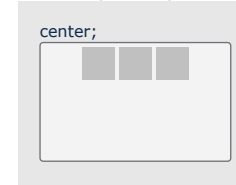


`flex: 0 1 30%`; `flex-grow _ flex-shrink _ flex-basis`;
`flex: initial`; = 0 1 auto;
`flex: auto`; = 1 1 auto;
`flex: none`; = 0 0 auto;

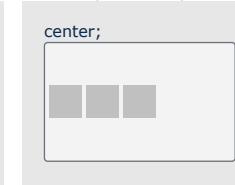


1 位置を指定するプロパティ (flex-flow: row wrap; の場合)

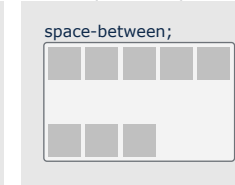
`justify-content:` (主軸方向)



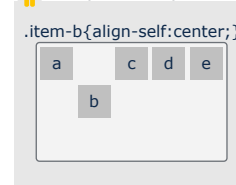
`align-items:` (交差軸方向)



`align-content:` (交差軸方向)

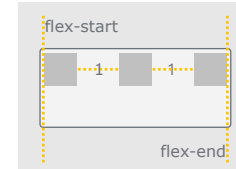


`align-self:` (交差軸方向)

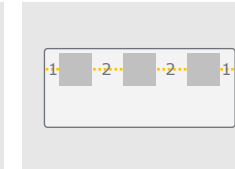


2 位置を指定する値 (flex-direction: row; の場合)

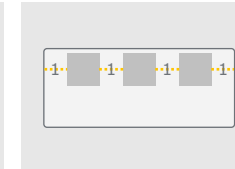
`space-between`;



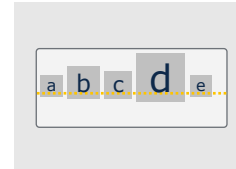
`space-around`;



`space-evenly`;



`baseline`;



[references] https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Flexible_Box_Layout/Basic_Concepts_of_Flexbox

<https://css-tricks.com/snippets/css/a-guide-to-flexbox/>

<https://www.udemy.com/course/css-the-complete-guide-incl-flexbox-grid-sass/>