

Slice Cheatsheet – Syntaxes in Different Languages

Definitions

arr = [1, 2, 3, 4, 5, 6, 7, 8]

Rust

arr[1..5] [2, 3, 4, 5]

arr[1..=5] [2, 3, 4, 5, 6]

Golang

arr[1:5] [2, 3, 4, 5]

Python

arr[1:5] [2, 3, 4, 5]

arr[1:5:2] [2, 4]

arr[1:5:3] [2, 5]

arr[2..-1] [3, 4, 5, 6, 7]

arr[2..-2] [3, 4, 5, 6]

arr[-5..-1] [4, 5, 6, 7]

Ruby

arr[1, 5] [2, 3, 4, 5, 6]

arr[2, 5] [3, 4, 5, 6, 7]

arr[1..5] [2, 3, 4, 5, 6]

arr[2..5] [3, 4, 5, 6]

arr[2...5] [3, 4, 5]

arr[2..-1] [3, 4, 5, 6, 7, 8]

arr[2..-2] [3, 4, 5, 6, 7]

arr[-5..-1] [4, 5, 6, 7, 8]

arr[2...-1] [3, 4, 5, 6, 7]

ECMAScript TC39

arr[1:4] [2, 3, 4]

arr[1:4:2] [2, 4]

const obj = { 0: 'a', 1: 'b', 2: 'c', 3: 'd', length: 4 };

obj[1:3] ['b', 'c']

Maintained by the Nervos team, 2020

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