



Array Methods Visualised

Array Methods Visualised (part 1)

<code>[●●●●].push(●)</code>	→	<code>[●●●●●]</code>
<code>[●●●●].unshift(●)</code>	→	<code>[●●●●●]</code>
<code>[●●●●].pop()</code>	→	<code>[●●●]</code>
<code>[●●●●].shift()</code>	→	<code>[●●●]</code>
<code>[●●●●].filter(●)</code>	→	<code>[●●]</code>
<code>[●●●●].map((●)=>●)</code>	→	<code>[●●●●]</code>
<code>[●●●●].join("-")</code>	→	<code>"●-●-●-●"</code>
<code>[●●].concat([●●])</code>	→	<code>[●●●●]</code>
<code>[●●[●●]].flat()</code>	→	<code>[●●●●]</code>
<code>[●●●●].slice(1, 3)</code>	→	<code>[●●]</code>



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Array Methods Visualised (part 2)

<code>[orange, purple, red, green].some(item => item === red)</code>	→ True	At least one item satisfies the condition
<code>[orange, purple, red, green].every(item => item === red)</code>	→ False	Every item satisfies the condition
<code>[orange, purple, red, green].find(item => item === green)</code>	→ green	
<code>[0, 1, 2, 3].findIndex(item => item === green)</code>	→ 3	
<code>[0, 1, 2, 3].indexOf(red)</code>	→ 2	
<code>[orange, purple, red, green].includes(red)</code>	→ True	
<code>[0, 1, 2, 3].at(2)</code>	→ red	
<code>[orange, purple, red, purple].sort()</code>	→ [orange, purple, purple, red]	
<code>[orange, purple, red, green].reverse()</code>	→ [green, red, purple, orange]	
<code>[orange, purple, red, purple].fill(1, green)</code>	→ [orange, green, green, green]	
<code>[orange, red, green].splice(1, 0, purple)</code>	→ [orange, purple, red, green]	

Legend

- Method updates original array
- Item in the array one by one



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Array Methods Visualised

Array Methods Visualised (part 3)

[0 1 2 3].findLastIndex(🌈 => 🌈 == 🟡) → 3

[0 1 2 3].findLast(🌈 => 🌈 == 🟡) → 3

[0 1 2 3].lastIndexOf(🟡) → 3

[🟡 🟡 🟡 🟡].toSorted(🔁) → [🟡 🟡 🟡 🟡]

[🟡 🟡 🟡 🟡].toReversed() → [🟡 🟡 🟡 🟡]

[🟡 🟡 🟡].toSpliced(1, 0, 🟡) → [🟡 🟡 🟡 🟡]

[🟡 🟡 🟡 🟡].copyWithin(0, 2, 4) → [🟡 🟡 🟡 🟡]

[🟡 🟡 🟡].with(1, 🟡) → [🟡 🟡 🟡]

Array.from("🟡 🟡 🟡") → ["🟡", "🟡", "🟡"]

Array.isArray("[🟡, 🟡, 🟡, 🟡]") → False

Array.of(🟡, 🟡, 🟡) → [🟡 🟡 🟡]

Legend

🌈 Item in the array one by one

🔁 Callback Function

🔄 Method updates original array



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