

Comparison of type and fill in Playwright

Feature	type	fill
Purpose	Enters text character by character, as if typing.	Clears existing content and replaces it with new text.
Usage	Ideal for simulating real typing actions (e.g., to trigger on-key events).	Best for replacing entire field content without typing simulation.
Behavior	Adds text character by character, triggering keyboard events (e.g., `keydown`, `keyup`).	Directly sets the field value; does not simulate individual keypresses.
Existing Content	Retains the existing content and appends to it.	Clears the existing content before inputting new text.
Performance	Generally slower due to individual keystrokes.	Faster because it does not simulate typing.
Example	<code>`page.type('input#username', 'JohnDoe');`</code>	<code>`page.fill('input#username', 'JohnDoe');`</code>
Preferred Use Cases	Typing simulation, triggering input-related events.	Overwriting field content quickly, avoiding key events.