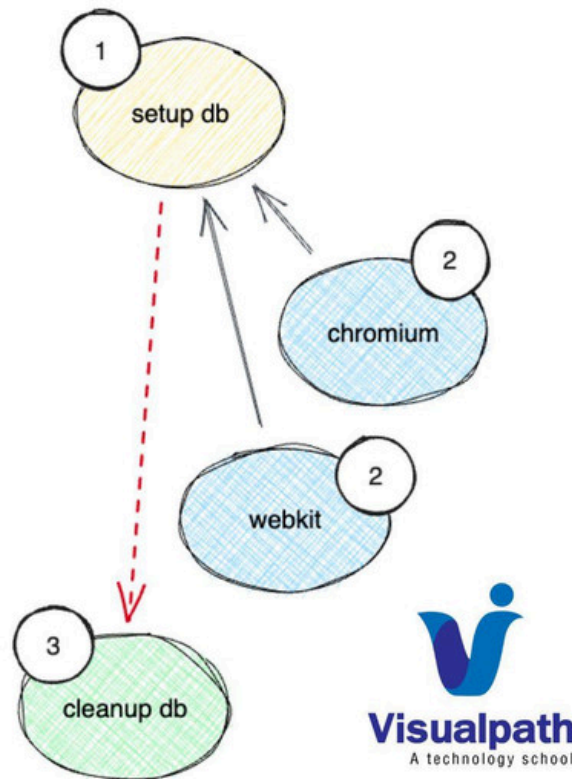




Playwright Training | Playwright Course in Hyderabad

Playwright Configuration | Project definitions

Playwright is an open-source Node library for automating browsers, including Chromium, Firefox, and WebKit. It allows you to automate browser tasks such as testing, scraping, and generating screenshots. In Playwright, you can use configuration files to define project settings. - [Playwright With Automation Training](#)



Here's a basic example of a Playwright configuration file:

```
````javascript
// playwright.config.js
module.exports = {
 projects: [
 {
 name: 'chrome',
 use: { ...require('playwright-chromium') }, // Use Chromium as a browser
 contextOptions: {
 // Chromium-specific options
 viewport: { width: 1200, height: 800 },
 },
 },
],
}
```

```

{
 name: 'firefox',
 use: { ...require('playwright-firefox') }, // Use Firefox as a browser
 contextOptions: {
 // Firefox-specific options
 viewport: { width: 1200, height: 800 },
 },
},
// You can add more projects for different browsers or configurations
],
};
...

```

### **In this example:**

- The `projects` array contains individual project configurations.
- Each project has a `name` that identifies it.
- The `use` property specifies which browser to use. In this case, it dynamically loads the Playwright driver for Chromium or Firefox based on the project. - [Playwright Automation Testing Hyderabad](#)
- The `contextOptions` property allows you to customize browser context settings. In this example, it sets the viewport size for each browser.

You can further customize these configurations based on your needs. For more detailed information on configuration options, you can refer to the Playwright documentation: [Playwright Configuration](https://playwright.dev/docs/configuration/).

### **Remember to install the necessary Playwright browser drivers using npm:**

```

``bash
npm install playwright-chromium playwright-firefox
...

```

Once your configuration file is set up, you can run your Playwright tests or scripts using the configured environments. For example:

```

``bash
npx playwright test
...

```

This command will execute your Playwright tests using the configurations specified in your `playwright.config.js` file. - [Playwright Automation Online Training](#)

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