

Uploading files made easy with the `.selectFile` command

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Today we're excited to announce a built-in way for you to select files in an HTML5 input element and simulate dragging files into the browser with the introduction of the `.selectFile()` command, new in [Cypress 9.3.0](#).

Selecting files in an HTML5 input element

With the new `.selectFile()` command, you can easily select a fixture file in a form element:

```
cy.get('input[type=file]').selectFile('file.json')
```

Or multiple fixture files, as long as the file input has the `multiple` property:

```
cy.get('input[type=file]').selectFile(['file.json', 'file2.json'])
```

You can also select a file created dynamically inside of a test, using the new `Cypress.Buffer` utility, also added in 9.3.0:

```
cy.get('input[type=file]').selectFile({
  contents: Cypress.Buffer.from('file contents'),
  fileName: 'file.txt',
  lastModified: Date.now(),
})
```

Dragging files into the browser

The new `.selectFile()` command also allows you to simulate dragging and dropping a file over an element, using the `drag-drop` action:

```
cy.get('input[type=file]').selectFile('file.json', {
  action: 'drag-drop'
})
```

And you can even drop a file over the document:

```
cy.document().selectFile('file.json', { action: 'drag-drop' })
```

Manipulating binary data with Buffer

Cypress now exposes an API for manipulating binary data, similar to the `nodejs Buffer` class, as `Cypress.Buffer`.

Not only are instances of `Cypress.Buffer` accepted by `.selectFile()` to specify files inline, but the `cy.readFile()` and `cy.fixture()` commands yield instances of `Cypress.Buffer` when the `encoding` is set to `null`:

```
cy.readFile('images/logo.png', null).then((file) => {
```

```
// file will be read as a buffer

// and should look something like this:

// Buffer([0, 0, ...])

expect(Cypress.Buffer.isBuffer(file)).to.be.true
})

cy.fixture('images/logo.png', null).then((logo) => {

  // logo will be read as a buffer

  // and should look something like this:

  // Buffer([0, 0, ...])

  expect(Cypress.Buffer.isBuffer(logo)).to.be.true
})
```

Migrating from the cypress-file-upload plugin

The `.selectFile()` command replaces the **cypress-file-upload** community plugin by [Paul Auramenka](#), and moving forward we recommend that you update your tests to use the new command.

In order to streamline this process, a comprehensive [Migration guide](#) has been written which explains the exact steps you need to take to update existing tests to use `.selectFile()`.

Resources

- [.selectFile\(\) API documentation](#)
- [Cypress.Buffer API documentation](#)
- [Migration guide](#)

We'd like to hear from you!

The Cypress team has been working hard to deliver this improved experience. We're excited to bring new APIs like `.selectFile()` and `Cypress.Buffer` to our users, and as always, we're eager to hear your feedback.

You can submit an [issue](#) on Github or chat with us on our [Discord](#). Thanks for your support, and happy testing!

-Cypress Team