



# Form submission

Web Development  
Lesson 4.1



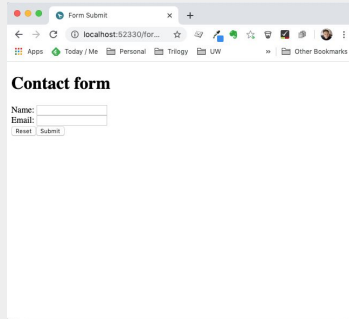
# Display a page with a form

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Browser requests a web page

## Browser

6. Displays `index.html`



A screenshot of a web browser window. The address bar shows 'localhost:52330/form...'. The page title is 'Form Submit'. The main content is a 'Contact form' with two input fields labeled 'Name:' and 'Email:', and two buttons labeled 'Reset' and 'Submit'.

1. Requests `index.html`

## Server

<http://localhost:52330/>

2. Looks for route  
`/formsubmit/index.html`

3. Finds a route  
`/formsubmit/index.html`

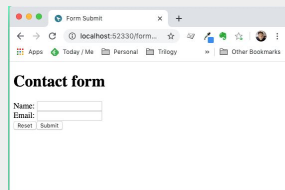
4. Responds with `index.html`

# Click submit without event.preventDefault

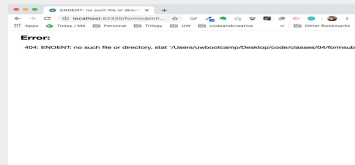
Browser makes a GET request

## Browser

1. Click submit



6. Displays error



2. Requests

`index.html?name=John&email=john@codeandcreative`

5. Responds with an error:

`404 Not Found`

## Server

<http://localhost:52330/>

3. Looks for route

`/formsubmit/index.html ?name=John  
&email=john@codeandcreative`

4. Doesn't find a route

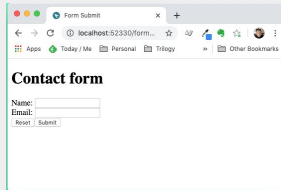
`/formsubmit/index.html ?name=John  
&email=john@codeandcreative`

# Click submit with event.preventDefault

On submit, the default behavior is stopped

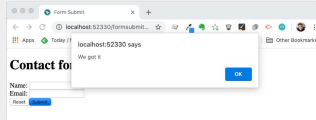
## Browser

1. Click submit



2. Trigger click handler in `app.js`

4. Displays alert



3. click handler stops request to server

No request made here

## Server

<http://localhost:52330/>

