

Get Informed

1. From the Home page, navigate to the Help page.

THEM
Typed HTML5 Evaluation Machine

Direct Input

Upload File

Upload ZIP

Help

Welcome to The HTML5 Evaluation Machine

This web application allows you to directly input or upload HTML files and entire websites. These files are evaluated for their adherence to best style practices in four major categories:

- Syntax / Semantics
- Deprecated Elements
- Accessibility
- Poor Practice / Other Miscellaneous Issues.

Start uploading now by clicking on [Direct Input](#), [Upload File](#) or [Upload Zip](#) in the sidebar.

For more information on how everything works, check out the [help page](#).

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About
THEM was developed in response to the tolerant nature of the HTML5 specification. Its primary aim is an educational tool for students learning web design. Because of this purpose it is built to validate for best practice which exceeds standards compliance.

2. Read help information!

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Help Section Understanding the Error Bars:
Here you can see an error bar, with corresponding error numbers included.

1 6 3 2

This bar shows the relative ratios of each error in a document. In order, this highlights:

Accessibility, Structure / Syntax, Deprecated Elements and General Poor Practice / Other Misc. Errors

If the file has no errors, a green bar will display instead.

In some instances, you will see short forms of lines underneath files you upload via the [Upload Zip](#) page.

These bars will also display on the multiple file upload page, next to the files they represent.

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Direct Input

THEM 1. Navigate to Direct Input page.

Typed HTML5 Evaluation Machine

Direct Input

Upload File

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Help

Direct Input

```
<!DOCTYPE html>
<html>
<head></head>
<body></body>
</html>
```

2. Enter some HTML.

3. Click 'Validate'.

Validate

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Help

Direct Input

```
1 <!DOCTYPE html>
2 <html>
3 <head></head>
4 <body></body>
5 </html>
```

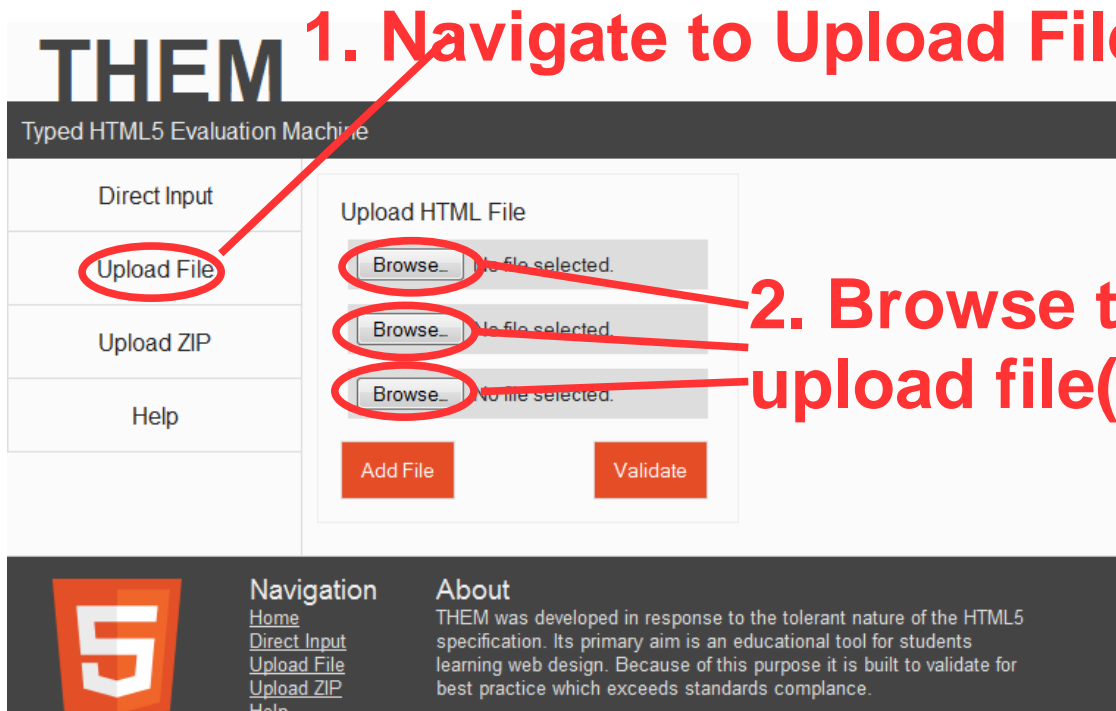
✓ All good!

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Upload File

1. Navigate to Upload File page.



The screenshot shows the THEM Typing HTML5 Evaluation Machine interface. On the left, a navigation menu lists 'Direct Input', 'Upload File', 'Upload ZIP', and 'Help'. The 'Upload File' option is circled in red. A red arrow points from this circle to the 'Upload HTML File' section on the right. This section contains three 'Browse...' buttons, each followed by the text 'No file selected.'. The first 'Browse...' button is also circled in red. A second red arrow points from this circle to the text '2. Browse to upload file(s)'. Below the 'Browse...' buttons are two orange buttons: 'Add File' and 'Validate'.

2. Browse to upload file(s).



The screenshot shows the THEM Typing HTML5 Evaluation Machine interface after files have been uploaded. The 'Upload File' option in the navigation menu is no longer circled. In the 'Upload HTML File' section, three files are listed: 'HTML 5 ROX.txt', 'HTML 5 IS THE BEST.txt', and 'YEAH HTML.txt'. Each file has a 'Browse...' button to its left. Below the file list are two orange buttons: 'Add File' and 'Validate'. The 'Validate' button is circled in red, with a red arrow pointing to it from the right.

THEM

Typed HTML5 Evaluation Machine

Direct Input	HTML 5 ROX.txt 
Upload File	HTML 5 IS THE BEST.txt 
Upload ZIP	
Help	YEAH HTML.txt 



All good!



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Scenario:

Fixing a file based on the error messages provided and revalidates it.

1) Error


THEM

Typed HTML5 Evaluation Machine

Direct Input	test.html
Upload File	
Upload ZIP	
Help	

```
1 <html>
2   <head>
3   </head>
4
5   <body>
6   </body>
7 </html>
```

No valid doctype was found. HTML files should start with <!DOCTYPE html>.

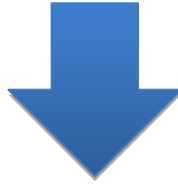


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2) User starts fixing the error by using their preferred text editor.




3) The HTML has been fixed and resubmitted.

THEM

Typed HTML5 Evaluation Machine

Direct Input	test.html	
Upload File		
Upload ZIP		
Help	<pre>1 <!DOCTYPE html> 2 <html> 3 <head> 4 </head> 5 <body> 6 </body> 7 </html></pre>	



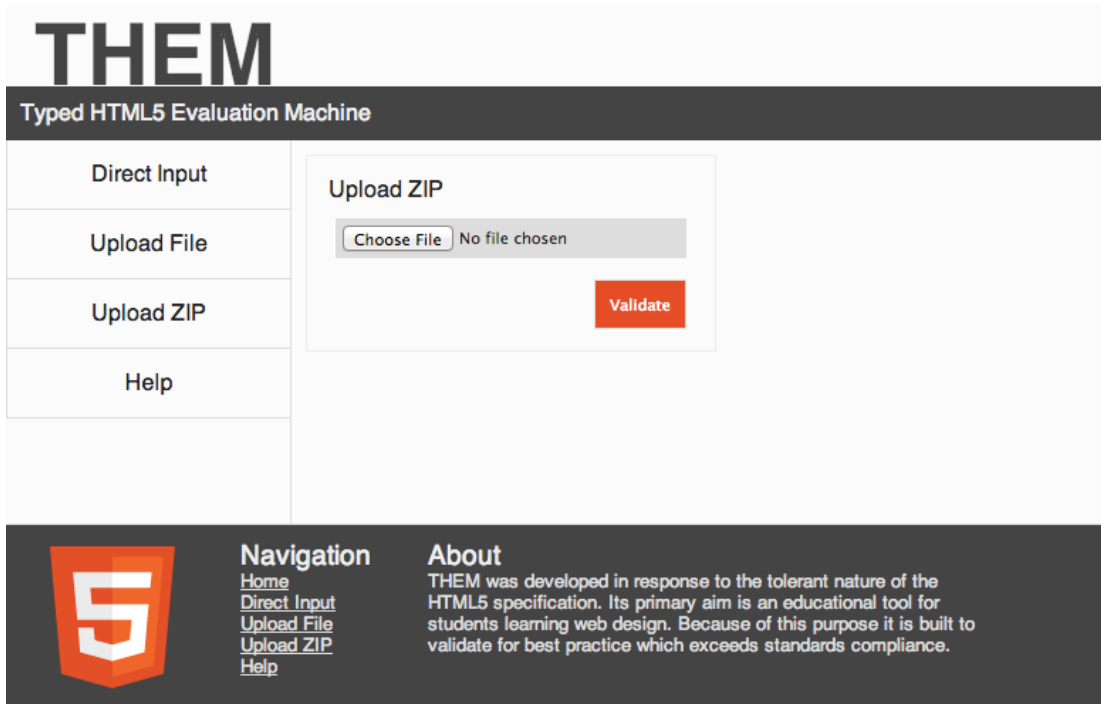
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About
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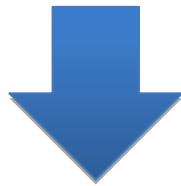
Scenario:

Uploading a zipped website and validate it for errors.

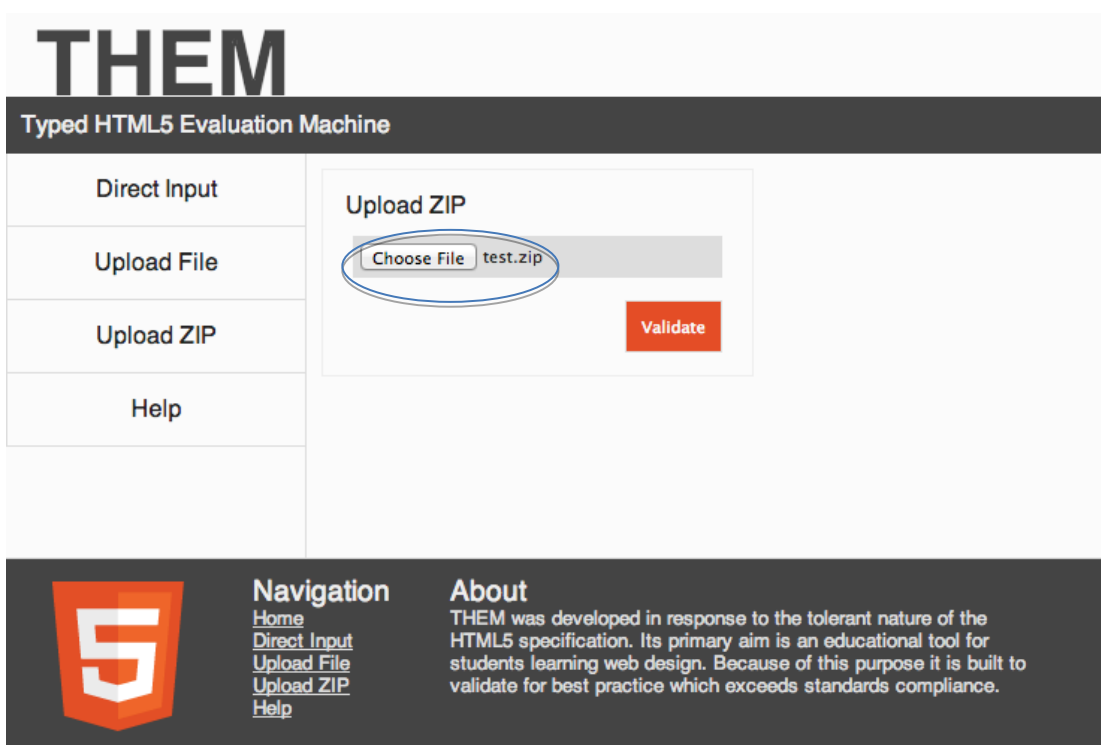
- 1) Navigate to the upload zip tab.



The screenshot shows the THEM (Typed HTML5 Evaluation Machine) interface. The title 'THEM' is at the top, followed by the subtitle 'Typed HTML5 Evaluation Machine'. On the left is a navigation menu with four items: 'Direct Input', 'Upload File', 'Upload ZIP' (which is highlighted), and 'Help'. The main area is titled 'Upload ZIP' and contains a file upload control with a 'Choose File' button and the text 'No file chosen'. A red 'Validate' button is positioned below the upload control. At the bottom, there is a footer with the HTML5 logo, a 'Navigation' section with links to 'Home', 'Direct Input', 'Upload File', 'Upload ZIP', and 'Help', and an 'About' section describing the tool's purpose.



- 2) Zipped website is added.



This screenshot shows the same THEM interface as the previous one, but now a file named 'test.zip' has been uploaded. The 'Choose File' button and the file name 'test.zip' are circled with a blue oval. The 'Validate' button remains visible. The rest of the interface, including the navigation menu and footer, is identical to the previous screenshot.



- 3) The zip file has been validated. In this case, the zip contained a single file.

THEM

Typed HTML5 Evaluation Machine

Direct Input


Upload File

Upload ZIP

Help

test.html

```
1 <html>
2   <head>
3   </head>
4
5   <body>
6   </body>
7 </html>
```



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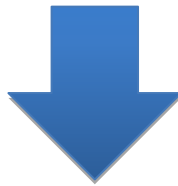
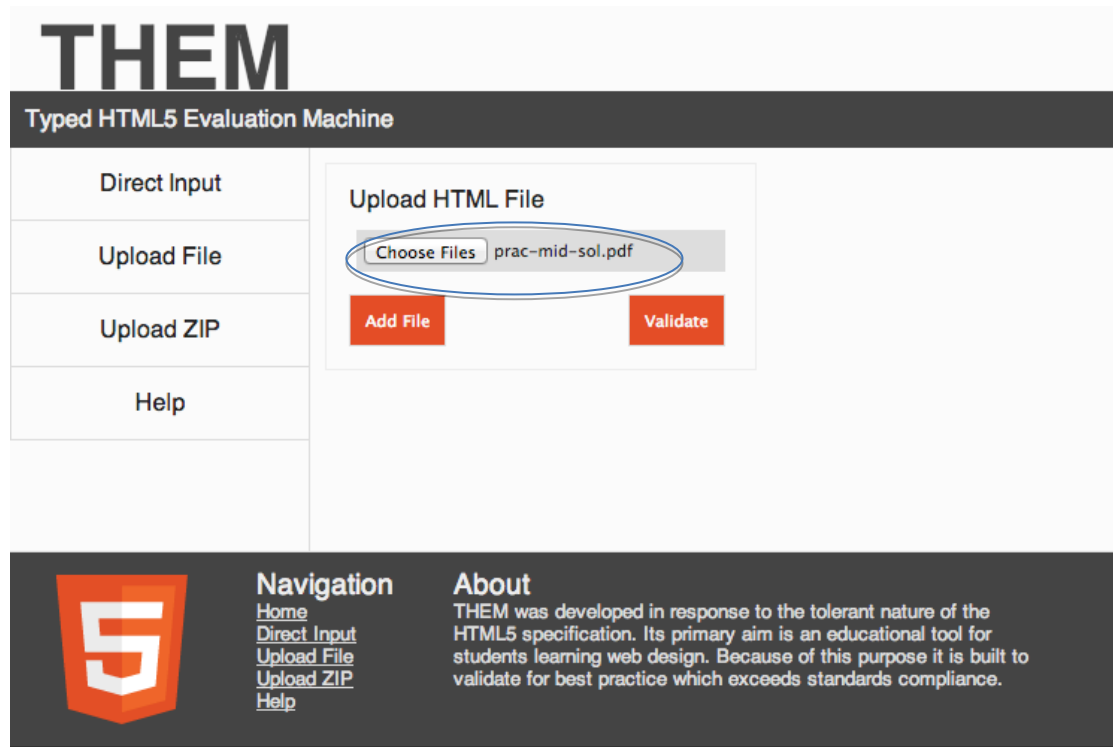
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Scenario:

Upload any non-HTML file type.

1) Added a non-HTML file, in this case, it is a PDF file.



2) The single non-HTML file is rejected, and the user informed of the error.

