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Front End Web Development

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HTML Research

## HTML Validation

HTML validation ensures that a websites source code is compliant with web standards. There are a variety of free tools available to valid HTML to ensure compliance. While most search engines do not flag websites for having invalid HTML, there are many benefits from validating source code. These benefits include futureproofing, simplifying maintenance, having good practices and professional standards, and using validation for debugging.

A contextual example of invalid HTML would be

<img src=”image.png”>

This tag does not close, so therefore it would be considered invalid. To validate the HTML, the tag would need to read:

<img src=”image.png” />

The second example shows the tag is closed which means the code is valid.

## Block Level versus Inline Level Elements

Block level and inline level elements are two different types of elements that have specific purposes within a layout of a website. Block elements start on a new line of code and usually take up the full space of the parent. Block elements include divs, header tags, lists, tables, and forms. Block level elements can have properties applied to them for styling such as margins and padding.

Inline elements are usually placed inside of block elements and contain actual content like text, images, links, buttons, and more. There can be multiple inline elements on the same line. Normally inline elements do not have margins or padding, but they do have properties such as font colors and sizes.

References

“HTML Block and Inline Elements.” *W3 Schools*, www.w3schools.com/html/html\_blocks.asp. Accessed 4 Mar. 2024.

Paine, Steve. “What Is HTML Validation?” *SISTRIX*, 24 Aug. 2021, www.sistrix.com/ask-sistrix/onpage-optimisation/what-is-html-validation.