

SEOS Modules – HTML Tests

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- Basics
 - Supported Browsers
- Where to test
- What to test
- Common errors

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- Supported Browsers:
 - Firefox 3
 - If you are using Firefox 2, you have to manually update to Version 3, afterwards you get automatic updates
 - Internet Explorer 7
 - MathPlayer needed for MathML (Formulas)

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- Semi-supported Browsers
 - Firefox 2
 - Safari
 - Opera
 - Internet Explorer 8 (unreleased)
- No MathML in Safari and Opera
- Minor Display Errors in Firefox 2
 - Can be fixed

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- Unsupported Browsers:
 - Internet Explorer 6
- Why?
 - Too many security flaws and many (old) HTML standards unsupported
 - Problems with XML (needed for some dynamic things)
 - Last feature update: August 27th, **2001**

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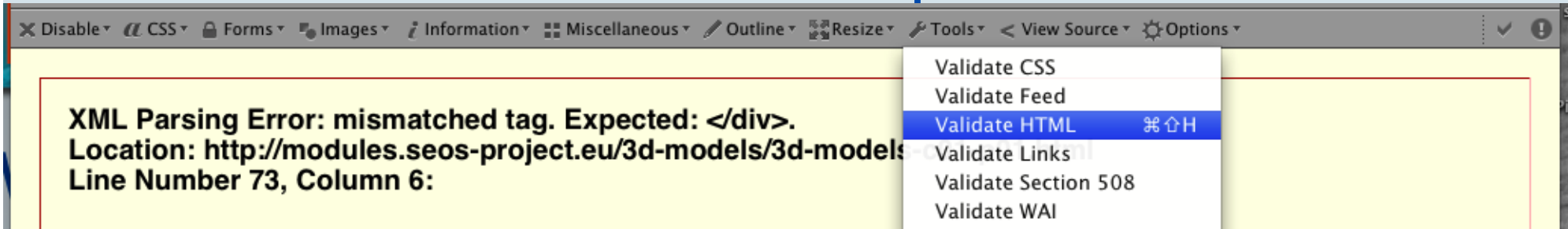
- Local Testing: first step
 - Not exactly the same as online
- Online Testing
 - <http://modules.seos-project.eu/>
 - <http://www.seos-project.eu/modules/>
 - Both use correct Encodings/MIME-Types for MathML and other things
 - Browsers use a stricter testing for the online pages
 - Additional errors found

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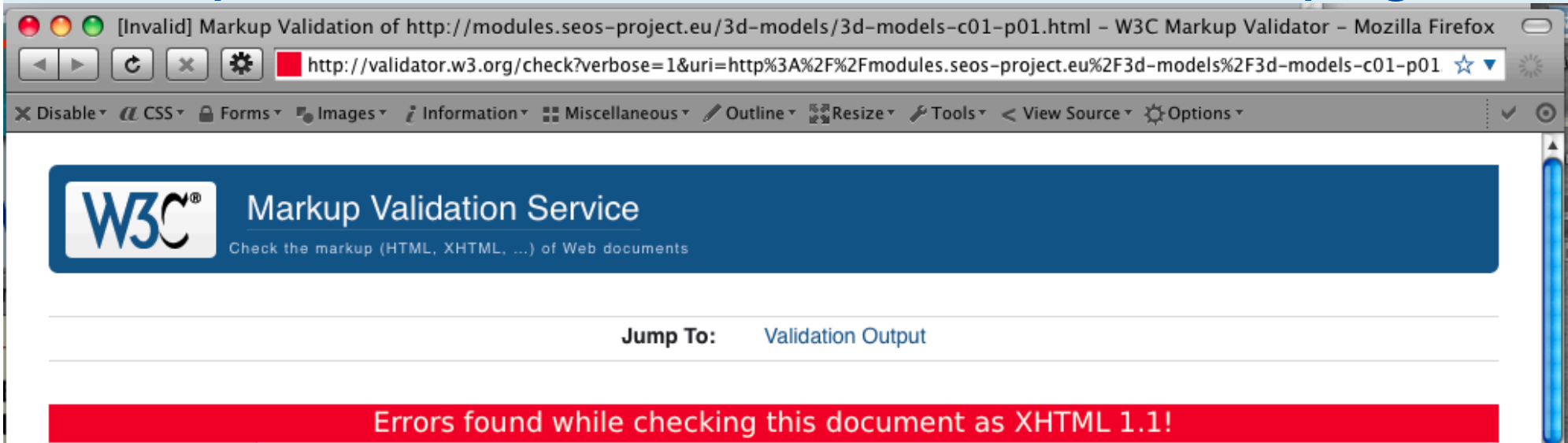
- IE7 and Firefox 3, online
 - Firefox 3 is stricter than IE7, in most cases
- Click through your pages and take note of errors
- Firefox Extension:
 - Web Developer Toolbar
 - <https://addons.mozilla.org/en-US/firefox/addon/60>
 - Direct validation of HTML

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- Firefox with Web Developer Toolbar:



- Opens the W3C Validator for current page



- Validator tells you where the error is

✖ Line 73, Column 6: end tag for element "a" which is not open.

The Validator found an end tag for the above element, but that element is not currently open. This is often caused by a leftover end tag from an element that was removed during editing, or by an implicitly closed element (if you have an error related to an element being used where it is not allowed, this is almost certainly the case). In the latter case this error will disappear as soon as you fix the original problem.

If this error occurred in a script section of your document, you should probably read this [FAQ entry](#).

- Explains what is wrong
- Switch to HTML Editor and look into line where the error is supposed to be

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- Missing closing tag
 - It's `<a>...`
 - Only some tags are directly closed: ``
`
` etc.
 - Don't forget to close your `<div>`
- Wrong nesting
 - Not all elements can be included in others
 - Don't nest `<p>`: `<p>..<p> .. </p> .. </p>` **is wrong**

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- `<div class='zoom'>`
 - The **only** validation error you can ignore
 - Will be fixed later on, automatically

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- Test you pages online!
- IE7 and Firefox
- Validate your HTML
 - Some HTML Editors can do that for you, too
- Check your tag nesting

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- If you really can't fix an error, feel free to contact me
- Maybe show some examples tomorrow?
- Further Questions?

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