**HTML static code analysis**

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

### [Table cells should reference their headers](https://rules.sonarsource.com/html/RSPEC-5260)

[Bug](https://rules.sonarsource.com/html/RSPEC-5260)

### [Tables used for layout should not include semantic markup](https://rules.sonarsource.com/html/RSPEC-5258)

[Bug](https://rules.sonarsource.com/html/RSPEC-5258)

### [Tables should have headers](https://rules.sonarsource.com/html/RSPEC-5256)

[Bug](https://rules.sonarsource.com/html/RSPEC-5256)

### ["<html>" element should have a language attribute](https://rules.sonarsource.com/html/RSPEC-5254)

[Bug](https://rules.sonarsource.com/html/RSPEC-5254)

### [<script>...</script> elements should not be nested](https://rules.sonarsource.com/html/RSPEC-4645)

[Bug](https://rules.sonarsource.com/html/RSPEC-4645)

### ["<th>" tags should have "id" or "scope" attributes](https://rules.sonarsource.com/html/RSPEC-1102)

[Bug](https://rules.sonarsource.com/html/RSPEC-1102)

### ["<title>" should be present in all pages](https://rules.sonarsource.com/html/RSPEC-1096)

[Bug](https://rules.sonarsource.com/html/RSPEC-1096)

### ["<!DOCTYPE>" declarations should appear before "<html>" tags](https://rules.sonarsource.com/html/RSPEC-1095)

[Bug](https://rules.sonarsource.com/html/RSPEC-1095)

### [Elements deprecated in HTML5 should not be used](https://rules.sonarsource.com/html/RSPEC-1083)

[Bug](https://rules.sonarsource.com/html/RSPEC-1083)

### [HTML "<table>" should not be used for layout purposes](https://rules.sonarsource.com/html/RSPEC-5257)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-5257)

### ["aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements](https://rules.sonarsource.com/html/RSPEC-5255)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-5255)

### [Videos should have subtitles](https://rules.sonarsource.com/html/RSPEC-4084)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-4084)

### [Attributes deprecated in HTML5 should not be used](https://rules.sonarsource.com/html/RSPEC-1827)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1827)

### [Sections of code should not be commented out](https://rules.sonarsource.com/html/RSPEC-125)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-125)

### [Track uses of "FIXME" tags](https://rules.sonarsource.com/html/RSPEC-1134)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1134)

### [Meta tags should not be used to refresh or redirect](https://rules.sonarsource.com/html/RSPEC-1094)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1094)

### [Links should not directly target images](https://rules.sonarsource.com/html/RSPEC-1092)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1092)

### ["<strong>" and "<em>" tags should be used](https://rules.sonarsource.com/html/RSPEC-1100)

[Bug](https://rules.sonarsource.com/html/RSPEC-1100)

### ["<li>" and "<dt>" item tags should be in "<ul>", "<ol>" or "<dl>" container tags](https://rules.sonarsource.com/html/RSPEC-1093)

[Bug](https://rules.sonarsource.com/html/RSPEC-1093)

### [Server-side image maps ("ismap" attribute) should not be used](https://rules.sonarsource.com/html/RSPEC-1091)

[Bug](https://rules.sonarsource.com/html/RSPEC-1091)

### ["<frames>" should have a "title" attribute](https://rules.sonarsource.com/html/RSPEC-1090)

[Bug](https://rules.sonarsource.com/html/RSPEC-1090)

### ["<fieldset>" tags should contain a "<legend>"](https://rules.sonarsource.com/html/RSPEC-1089)

[Bug](https://rules.sonarsource.com/html/RSPEC-1089)

### [Flash animations should be embedded using both "<object>" and "<embed>"](https://rules.sonarsource.com/html/RSPEC-1087)

[Bug](https://rules.sonarsource.com/html/RSPEC-1087)

### ["<table>" tags should have a description](https://rules.sonarsource.com/html/RSPEC-1085)

[Bug](https://rules.sonarsource.com/html/RSPEC-1085)

### [Image, area and button with image tags should have an "alt" attribute](https://rules.sonarsource.com/html/RSPEC-1077)

[Bug](https://rules.sonarsource.com/html/RSPEC-1077)

### [Disabling resource integrity features is security-sensitive](https://rules.sonarsource.com/html/RSPEC-5725)

[Security Hotspot](https://rules.sonarsource.com/html/RSPEC-5725)

### [Authorizing an opened window to access back to the originating window is security-sensitive](https://rules.sonarsource.com/html/RSPEC-5148)

[Security Hotspot](https://rules.sonarsource.com/html/RSPEC-5148)

### ["<object>" tags should provide an alternative content](https://rules.sonarsource.com/html/RSPEC-5264)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-5264)

### [Track uses of "TODO" tags](https://rules.sonarsource.com/html/RSPEC-1135)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1135)

### [Some Java packages or classes should not be used in JSP files](https://rules.sonarsource.com/html/RSPEC-1932)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1932)

### [Disallowed "taglibs" should not be used](https://rules.sonarsource.com/html/RSPEC-1928)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1928)

### [Track lack of copyright and license headers](https://rules.sonarsource.com/html/RSPEC-1451)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1451)

### [Labels should be defined in the resource bundle](https://rules.sonarsource.com/html/RSPEC-1926)

[Bug](https://rules.sonarsource.com/html/RSPEC-1926)

### [JSF expressions should be syntactically valid](https://rules.sonarsource.com/html/RSPEC-1298)

[Bug](https://rules.sonarsource.com/html/RSPEC-1298)

### [Image tags should have "width" and "height" attributes](https://rules.sonarsource.com/html/RSPEC-1099)

[Bug](https://rules.sonarsource.com/html/RSPEC-1099)

### ["input", "select" and "textarea" tags should be labeled](https://rules.sonarsource.com/html/RSPEC-1097)

[Bug](https://rules.sonarsource.com/html/RSPEC-1097)

### [Dynamic includes should not be used](https://rules.sonarsource.com/html/RSPEC-1937)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1937)

### [Track uses of disallowed elements](https://rules.sonarsource.com/html/RSPEC-1936)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1936)

### [The "style" attribute should not be used](https://rules.sonarsource.com/html/RSPEC-1935)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1935)

### [Track uses of disallowed attributes](https://rules.sonarsource.com/html/RSPEC-1934)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1934)

### [Track lack of required child elements](https://rules.sonarsource.com/html/RSPEC-1933)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1933)

### [Track uses of disallowed child elements](https://rules.sonarsource.com/html/RSPEC-1931)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1931)

### [Track lack of required attributes](https://rules.sonarsource.com/html/RSPEC-1927)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1927)

### [Track lack of required parent elements](https://rules.sonarsource.com/html/RSPEC-1923)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1923)

### [Files should not be too complex](https://rules.sonarsource.com/html/RSPEC-1908)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1908)

### [Web pages should not contain absolute URIs](https://rules.sonarsource.com/html/RSPEC-1829)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1829)

### [JSP expressions should not be used](https://rules.sonarsource.com/html/RSPEC-1459)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1459)

### [Javascript scriptlets should not have too many lines of code](https://rules.sonarsource.com/html/RSPEC-1456)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1456)

### [Track lack of required an element with the required "id"](https://rules.sonarsource.com/html/RSPEC-1436)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1436)

### [Track uses of disallowed namespaces in XHTML documents](https://rules.sonarsource.com/html/RSPEC-1297)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1297)

### [Links with identical texts should have identical targets](https://rules.sonarsource.com/html/RSPEC-1101)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1101)

### [Favicons should be used in all pages](https://rules.sonarsource.com/html/RSPEC-1098)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1098)

### [Links should not target "#" or "javascript:void(0)"](https://rules.sonarsource.com/html/RSPEC-1084)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1084)

### [Files should not have too many lines](https://rules.sonarsource.com/html/RSPEC-104)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-104)

### [Lines should not be too long](https://rules.sonarsource.com/html/RSPEC-103)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-103)

### [All HTML tags should be closed](https://rules.sonarsource.com/html/RSPEC-1458)

[Bug](https://rules.sonarsource.com/html/RSPEC-1458)

### [Flash animations should be embedded using the window mode](https://rules.sonarsource.com/html/RSPEC-1088)

[Bug](https://rules.sonarsource.com/html/RSPEC-1088)

### [Mouse events should have corresponding keyboard events](https://rules.sonarsource.com/html/RSPEC-1082)

[Bug](https://rules.sonarsource.com/html/RSPEC-1082)

### [Using HTML comments is security-sensitive](https://rules.sonarsource.com/html/RSPEC-1876)

[Security Hotspot](https://rules.sonarsource.com/html/RSPEC-1876)

### [Multiple "page" directives should not be used](https://rules.sonarsource.com/html/RSPEC-1930)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1930)

### [White space should be used in JSP/JSF tags](https://rules.sonarsource.com/html/RSPEC-1929)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1929)

### [Attributes should be quoted using double quotes rather than single ones](https://rules.sonarsource.com/html/RSPEC-1457)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1457)

### [Heading tags should be used consecutively from "H1" to "H6"](https://rules.sonarsource.com/html/RSPEC-1086)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-1086)

### [Tabulation characters should not be used](https://rules.sonarsource.com/html/RSPEC-105)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-105)

### [Track presence of forbidden parent element](https://rules.sonarsource.com/html/RSPEC-3734)

[Code Smell](https://rules.sonarsource.com/html/RSPEC-3734)