#### optimizeForBrowser (Disable Features Not Supported by Target Web Browser)

This element specifies whether applications should attempt to detect the target web browser for any web page produced from this document, and subsequently disable all user interface and output which is not supported by that target web browser.

The target web browser can be determined by the state of the following elements:

* [allowPNG](allowPNG.docx)
* [doNotRelyOnCSS](doNotRelyOnCSS.docx)
* [relyOnVML](relyOnVML.docx)
* doNotSaveWebPagesAsSingleFile

The following [table](table.docx) determines how this determination is made:

|  |  |
| --- | --- |
| [Settings](Settings.docx) | Target Browser |
| [allowPNG](allowPNG.docx) is off [doNotRelyOnCSS](doNotRelyOnCSS.docx) is on  [relyOnVML](relyOnVML.docx) is off  doNotSaveWebPagesAsSingleFile is on | Microsoft Internet Explorer 3.0 or later Netscape Navigator 3.0 or later |
| [allowPNG](allowPNG.docx) is off [doNotRelyOnCSS](doNotRelyOnCSS.docx) is off  [relyOnVML](relyOnVML.docx) is off  doNotSaveWebPagesAsSingleFile is on | Netscape Navigator 4.0 or later |
| [allowPNG](allowPNG.docx) is off [doNotRelyOnCSS](doNotRelyOnCSS.docx) is off  [relyOnVML](relyOnVML.docx) is off  doNotSaveWebPagesAsSingleFile is off | Microsoft Internet Explorer 4.0 or later |
| [allowPNG](allowPNG.docx) is off [doNotRelyOnCSS](doNotRelyOnCSS.docx) is off  [relyOnVML](relyOnVML.docx) is on  doNotSaveWebPagesAsSingleFile is off | Microsoft Internet Explorer 5.0 or later |
| [allowPNG](allowPNG.docx) is on [doNotRelyOnCSS](doNotRelyOnCSS.docx) is off  [relyOnVML](relyOnVML.docx) is on  doNotSaveWebPagesAsSingleFile is off | Microsoft Internet Explorer 6.0 or later |

If this element is omitted, then no user interface or output which is not supported by that target web browser shall be disabled.

[Example: Consider a document whose web settings part contains the following WordprocessingML:

<w:[webSettings](webSettings.docx)>

…

<w:optimizeForBrowser />

<w:[allowPNG](allowPNG.docx) w:val="on"/>

<w:[relyOnVML](relyOnVML.docx) w:val="on"/>

</w:[webSettings](webSettings.docx)>

The optimizeForBrowser element specifies that all settings which are not compatible with the target web browser shall be disabled. Since the settings of the four element described above match a target browser of Microsoft Internet Explorer 6.0, features not supported by Microsoft Internet Explorer 6.0 shall be disabled. end example]

|  |
| --- |
| Parent Elements |
| [webSettings](webSettings.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| val (On/Off Value) | Specifies a binary value for the property defined by the parent [XML](XML.docx) element.  A value of on, 1, or true specifies that the property shall be explicitly applied. This is the default value for this attribute, and is implied when the parent element is present, but this attribute is omitted.  A value of off, 0, or false specifies that the property shall be explicitly turned off.  [Example: For example, consider the following on/off property:  <w:… w:val="off"/>  The val attribute explicitly declares that the property is turned off. end example]  The possible values for this attribute are defined by the [ST\_OnOff](ST_OnOff.docx) simple [type](type.docx) (§). |

The following [XML](XML.docx) Schema fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_OnOff">

<attribute [name](name.docx)="val" [type](type.docx)="[ST\_OnOff](ST_OnOff.docx)"/>

</complexType>