

Identifying browsers using JavaScript

```
/**
 * @returns A string which specifies which is the current
 * browser in which we are running.
 *
 * Currently-supported browser detection and codes:
 * * 'opera' -- Opera
 * * 'msie' -- Internet Explorer
 * * 'safari' -- Safari
 * * 'firefox' -- FireFox
 * * 'mozilla' -- Mozilla
 *
 * If we are unable to property identify the browser, we
 * return an empty string.
 *
 * @type String
 */
```

```
OpenLayers.Util.getBrowserName = function() {
var browserName = "";

var ua = navigator.userAgent.toLowerCase();
if ( ua.indexOf( "opera" ) != -1 ) {
browserName = "opera";
} else if ( ua.indexOf( "msie" ) != -1 ) {
browserName = "msie";
} else if ( ua.indexOf( "safari" ) != -1 ) {
browserName = "safari";
} else if ( ua.indexOf( "mozilla" ) != -1 ) {
if ( ua.indexOf( "firefox" ) != -1 ) {
browserName = "firefox";
} else {
browserName = "mozilla";
}
}

return browserName;
};
```

The HTML will run if the browser is Internet explorer:

```
<!--[If IE]>
HTML
<![endif]-->
```

The HTML will run if the browser is NOT Internet explorer:

```
<!--[if !IE]>-->
HTML
<!--<![endif]-->
```

```
<script type="text/javascript"><!--
  if (someCondition)
    document.writeln("\<!--");
//-->
</script>

    Here is the conditional HTML text.
    This text will not be displayed in the document
    if the comments get written out.
```

```
<script type="text/javascript"><!--
  if (someCondition)
    document.writeln("--\>");
//-->
</script>
```

```
<div id='if-part' style='visibility: hidden;'>do something</div>
<div id='else-part' style='visibility: hidden;'>do something</div>
```

```
<script>
  var node;
```

```
if(true) {
  node = document.getElementById('if-part');
}
else {
  node = document.getElementById('else-part');
}
node.style.visibility = 'visible';
</script>
```