

## JavaScript Guide to Semicolons

Optional: After statements

```
var i;           // variable declaration
i = 5;           // value assignment
i = i + 1;       // value assignment
i++;            // same as above
var x = 9;       // declaration & assignment
var fun = function() {...}; // var decl., assignmt, and func. defin.
alert("hi");     // function call
```

<!------->

Avoid!

1. After a closing curly bracket

```
// NO semicolons after }:
if (...) {...} else {...}
for (...) {...}
while (...) {...}
```

// BUT:

```
do {...} while (...);
```

// function statement:

```
function (arg) { /*do this*/ } // NO semicolon after }
```

2. After the round bracket of an if, for, while or switch statement

```
if (0 === 1); { alert("hi") }
```

// equivalent to:

```
if (0 === 1) /*do nothing*/ ;
alert ("hi");
```