

Browser Objects }

Client Side Web Development

Browser Objects

- { Window
- { Navigator
- { Screen
- { History
- { Location

JavaScript Basics

- { Language Basics
 - { *Allows the developer to create custom tools, and functionality*
- { Built in Tools, Methods and Properties
- { Framework
 - { *Common code providing generic functionality*

We're going to continue our
focus on the built in methods
and properties

Browser Objects

Built in framework of methods and properties for accessing the platform and information about the web browser.



Window



screenX and screenY

```
window.screenX  
window.screenY
```

```
// returns the x and y coordinate of  
the window relative to the screen
```

open()

```
window.open( 'http://google.com' );
```

prompt()

```
window.prompt( 'hi', 'josh' );
```

```
// opens a window prompt asking for a  
question
```

setInterval()

```
window.setInterval(code,milisec)  
  
// fire off this code every so many  
milliseconds.
```

close()

```
window.close()  
// closes the window
```

moveTo()

```
window.moveTo(x,y)  
// move window to x and y.
```

alert()

```
window.alert( 'message here' )  
  
// opens an alert box with a  
specified message.
```

confirm()

```
window.confirm(message)
```

```
// An alert message with okay confirm  
buttons.
```

location

```
window.location='http://ups.com'
```

```
// returns or changes the location of  
the browser
```

history

```
window.history
```

```
// returns the URL history list
```

Navigator



appName

```
navigator.appName
```

```
// returns name of the browser
```

appName

```
navigator.appName
```

```
// returns code name of the browser
```

appVersion

```
navigator.appVersion
```

```
// platform and version of the  
browser
```

platform

```
navigator.platform
```

```
// returns the os platform
```

userAgent

```
navigator.userAgent
```

```
// returns the user agent header
```



Screen



height and width

```
screen.height
```

```
screen.width
```

```
// returns height and width of the  
screen
```

availHeight and availWidth

```
screen.availHeight
```

```
screen.availWidth
```

```
// returns the available height and  
width of the screen excluding the  
windows taskbar
```

History



length

```
history.length
```

```
// returns the number of URL's in the  
history list
```

forward

```
history.forward()
```

```
// loads the next URL in the history  
list
```

length

```
history.back()
```

```
// loads the previous URL in the  
history list
```

go

```
history.go(-2)
```

```
// loads a specific URL in the  
history list.
```



Location



href

```
location.href
```

```
// returns the URL
```

reload()

```
location.reload()
```

```
// reloads the current document
```

replace()

```
location.replace( 'http://ups.com' )
```

```
// replaces the current document with  
a new URL
```

Browser Objects: Summary

- { Window
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