HTML 5 History Manipulation

What is it?

Changing the browser history, even the current URL.

Who's using it?

Github, Facebook, etc.

Do browsers support it?

http://caniuse.com/#search=histor

# Session history management - **Working Draft**					Global user stats[*]:			
Method of manipulating the user's browser's session history in JavaScript using history.pushState, history.replaceState and the popstate event					Support:	32.01%		
					Partial support:	4.24%		
					Total:	36.25%		

Resources: Introduction to history management   MDN article   Demo page   History.js polyfill

	IE	Firefox	Safari	Chrome	Opera	iOS Safari	Opera Mini	Opera Mobile	Android Browser	
Two versions back	7.0	3.5	3.2	10.0	10.6	3.2			2.1	
Previous version	8.0	3.6	4.0	11.0	11.0	4.0-4.1		10.0	2.2	
Current	9.0	4.0	5.0	12.0	11.1	4.2-4.3	5.0-6.0	11.0	2.3	3.0
Near future		5.0	5.1	13.0	11.5					
Farther future	10.0	6.0		14.0	12.0					

Note: Older iOS versions claim support, but implementation is too buggy to be useful. Partial support in other Safaris refers to other buggy behavior.

Feedback

What does it replace?

Hash hacks, traditional navigation

http://example.com/page1/?id=1#preview

What can I do with it?

add to history stack
change top of stack

Add to history stack

window.history.pushState(data, title [, url])

example:
window.history.pushState("hello world","
Ryan's Presentation","/ryans-presentation");

Modify the top of the stack

window.history.replaceState(data, title [, url])

example:
window.history.replaceState("hello world"," Ryan's Presentation","/ryans-presentation2");

Why state?

http://dev.w3.org/html5/spec-author-view/history.html#state-object

Questions?