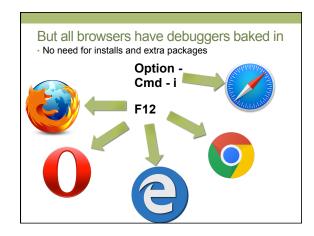
JAVASCRIPT DEBUGGING

JavaScript <u>runs</u> in the browser so it must be debugged in the browser



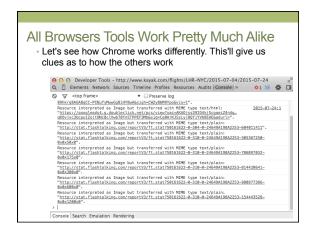


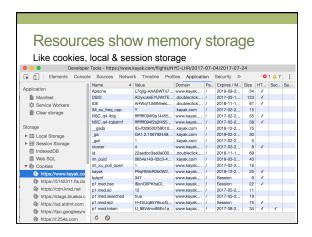
It's the original Firefox add-on Needed to be installed But now merged with built-in Firefox tools



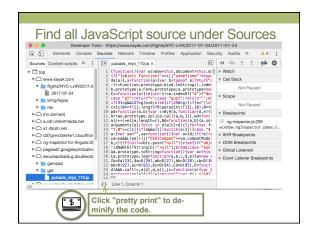


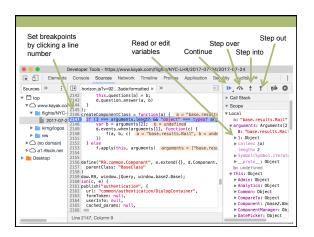
<pre>console.log("%s %s works as a %s. person.title, person. person.job, person);</pre>	,
 %s - string %f - floating point number %d or %i - integer %o - Expandable DOM object %O - Expandable JavaScript of 	
Dr. Moneydew works as a Professor. Whole object:	V Object Sassinati "Beaker" assistant: "Beaker" blirthDate: The Apr 18 1978 18:00:00 GMT-0600 (CST) job: "Professor" lastMane: "Monogrape" title: "Or."prote_; Object

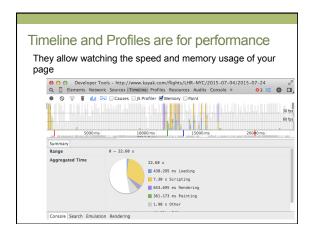












Examine traffic on the Network tab Shows each resource requested, its HTTP method, result, type, and speed Developer Tools - http://www.kayak.com/flights/LHR-NYC/2015-07-04/2015-07-04-2

Sometimes your files aren't re-read from the server. You can force it! In developer tools go ... Settings Settings General (gear) Disable cache (while DevTools is open) General General Disable JavaScript Check Workspace Blackboxing "Disable Appearance Devices ☐ Don't show emulation warnings cache (while Throttling Panel layout: auto 🔻 DevTools is ☐ Enable Cmd + 1-9 shortcut to switch panels open)"

tl;dr

- JavaScript debugging must be done in the browser
- Firebug is available for Firefox
- · All browsers have their own debugging tools
- Fortunately they all behave pretty much the same way and all have
 - · DOM inspection
 - CSS debugging
 - JavaScript debugging
 - Network analysis