HOW TO SPEED UP YOUR JAVASCRIPT CODE

SAVE BYTES BY USING MINIFICATION

Reduce the file size of your JavaScript documents by removing characters (tabs, source code documents, spaces etc.) without changing the functionality of the file.There are a number of minification tools that can assist in this process, and have the ability to reverse the minification. Minification is the process of removing all unnecessary characters from source code, without changing its functionality.

REDUCTION OF ACTIVITIES IN LOOPS

In our programming, we often use loops for iteration. For each iteration of the loop, every statement inside a loop is executed. The statements or assignments that are to search can be placed outside the loop.

AVOID USING "WITH" KEYWORD

Avoid using the with keyword. It has a negative effect on speed. It also clutters up JavaScript scopes.The with keyword is not allowed in strict mode.

COMPRESS YOUR FILES WITH GZIP

GZip can reduce a JavaScript file considerably, saving bandwidth, and accelerate the response time. JavaScript files can be very large, and without compression, it can bog down any website. Smaller files provide a faster and more satisfying web experience.

REDUCTION OF DOM ACCES

As compared to other JavaScript statements, accessing the HTML DOM is very slow. If you want to access the DOM element several times then, access it once and use it as a local variable. This is how you can access your DOM element easily as many times you want.

DELAY JAVASCRIPT LOADING

When you put your JavaScript code at the bottom of the page, then the browser will load the page first. While a script is downloading, the browser will not start any other downloads. In addition, all parsing and rendering might be blocked.

AVOID UNNECESSARY VARIABLES

Avoid creating new variables that are not of use to save any value. This will unnecessarily create a loading problem. You can replace your code by optimized code.

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