Consistently Interactive

Overview

The Consistently Interactive metric measures when a page is fully interactive:

- The page strictly meets the <u>Idle guideline of the RAIL performance model</u>: the page yields control back to the main thread at least once every 50ms.
- The network is idle. Specifically, there are only two open network requests remaining.

Note: Maximizing idle time also indirectly improves <u>Response</u> time. The more idle time there is, the more likely that the page will be able to respond to user input in the target time of 100ms or less.

See also First Interactive.

Recommendations

To improve your Consistently Interactive score:

- Minimize the number of required or "critical" resources that must be downloaded or executed before the page can load. See <u>Critical Rendering Path</u>.
- Minimize the size of each critical resource. See <u>Optimizing Content Efficiency</u>.
- Maximize idle time so that your JavaScript spends no more than 50ms at a time executing tasks in the main thread. See Optimizing JavaScript Execution.

More information

The score is a lognormal distribution of some complicated calculations based on the definition of the Consistently Interactive metric. See <u>First Interactive And Consistently Interactive</u> for definitions.

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