

[PUBLIC EXTERNALLY]

Chrome Origin Trial Feedback for Document-Policy: expect-no-linked-resources

Google product name: Google Search.

API feedback: The Search Results Page inlines almost all resources in the critical path. This API enables Search to disable the preload scanner where it is not needed and in turn significantly reduce page load time.

Benefits to users: Allows users to load the Search results faster and reduce wastage of client resources tied to running the preload scanner.

Benefits to developers: Developers can disable the preload scanner if it is not needed by setting a header. This in turn can improve page load time and user satisfaction for their websites.

Relevant metrics: Search results page loading time reduced by ~0.20% for results pages with Document-Policy: expect-no-link-resources set.

User population reached: Studies were conducted on a representative set of overall Search traffic using the origin trial.

Problems encountered: A latency regression in the initial study uncovered a resource in the critical path that was not inlined. The resource was inlined and led to a significant latency improvement.

Future work: Use expect-no-link-resources across all Search products where it is applicable.