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Client Side Cache vs Server Side Cache

Posted on [April 25, 2017](#) by [liyao13](#)

Client side caches are usually used to avoid transferring the same data over the network repeatedly. It can reduce network traffic and latency, then help users save money especially when they are paying for the data.

Server side caches are generally used to avoid making expensive database operations repeatedly to serve up the same content to lots of different clients.

Many big companies spend tons of money to build farms of servers to replicate their content to make access faster and both client side caches and server side caches are used in industry production environment.

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Resources:

[A Primer on Memory Consistency and Cache Coherence \(Synthesis Lectures on Computer Architecture\)](#)

[How To Puzzle Cache](#)

[Memory Systems: Cache, DRAM, Disk](#)

[Cache Memory Book, The, Second Edition \(The Morgan Kaufmann Series in Computer Architecture and Design\)](#)

[Object-Oriented Application Development Using the Cache Postrelational Database](#)

[Computers as Components, Fourth Edition: Principles of Embedded Computing System Design \(The Morgan Kaufmann Series in Computer Architecture and Design\)](#)

[Getting Started with Varnish Cache: Accelerate Your Web Applications](#)

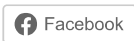
[Multi-Core Cache Hierarchies \(Synthesis Lectures on Computer Architecture\)](#)

[Cache and Memory Hierarchy Design: A Performance Directed Approach](#)

[Computer Organization and Architecture](#)

[Optimizing Network Performance with Content Switching: Server, Firewall and Cache Load Balancing](#)

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About liyao13

Yao Li is a web and iOS developer, blogger and he has a passion for technology and business. In his blogs, he shares code snippets, tutorials, resources and notes to help others develop their skills. Donate \$5 to him for a coffee with PayPal at About Me page and read more professional and interesting technical blog articles. Follow him @Yaolio615 at Twitter to get latest tech updates.

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