Annotated Example for CS

Clear parallels between messages between mediums. The text, graph, and styling all work to highlight the main message.
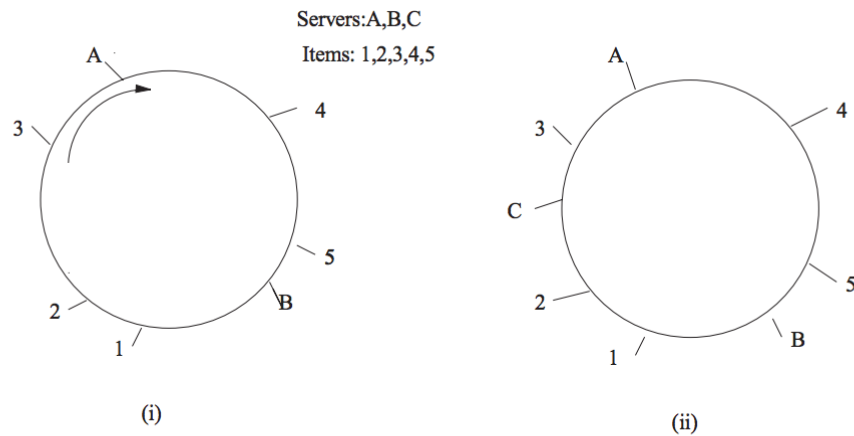

Servers: A,B,C
Items: 1,2,3,4,5

(i)   (ii)

Fig. 1. (i) Both URLs and caches are mapped to points on a circle using a standard hash function. A URL is assigned to the closest cache going clockwise around the circle. Items 1, 2, and 3 are mapped to cache A. Items 4, and 5 are mapped to cache B. (ii) When a new cache is added, the only URLs that are reassigned are those closest to the new cache going clockwise around the circle. In this case, when we add the new cache, only items 1 and 2 move to the new cache C. Items do not move between previously existing caches.

This figure appeared in "Web caching with consistent hashing" by Karger et al., 1999. The paper is on the now standard Consistent Hashing scheme for building efficient distributed data caches.
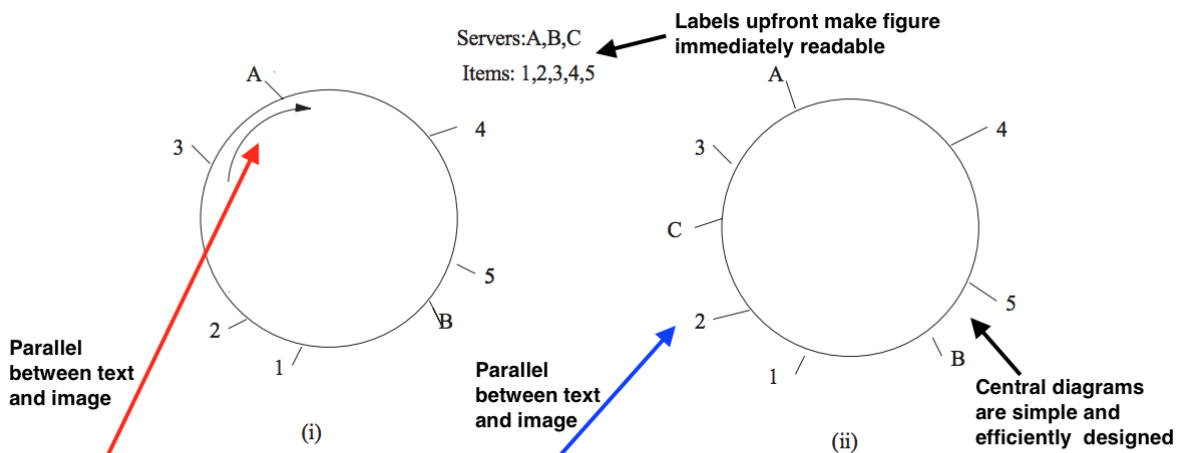

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Items: 1,2,3,4,5

Labels upfront make figure immediately readable

Parallel between text and image

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Central diagrams are simple and efficiently designed

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