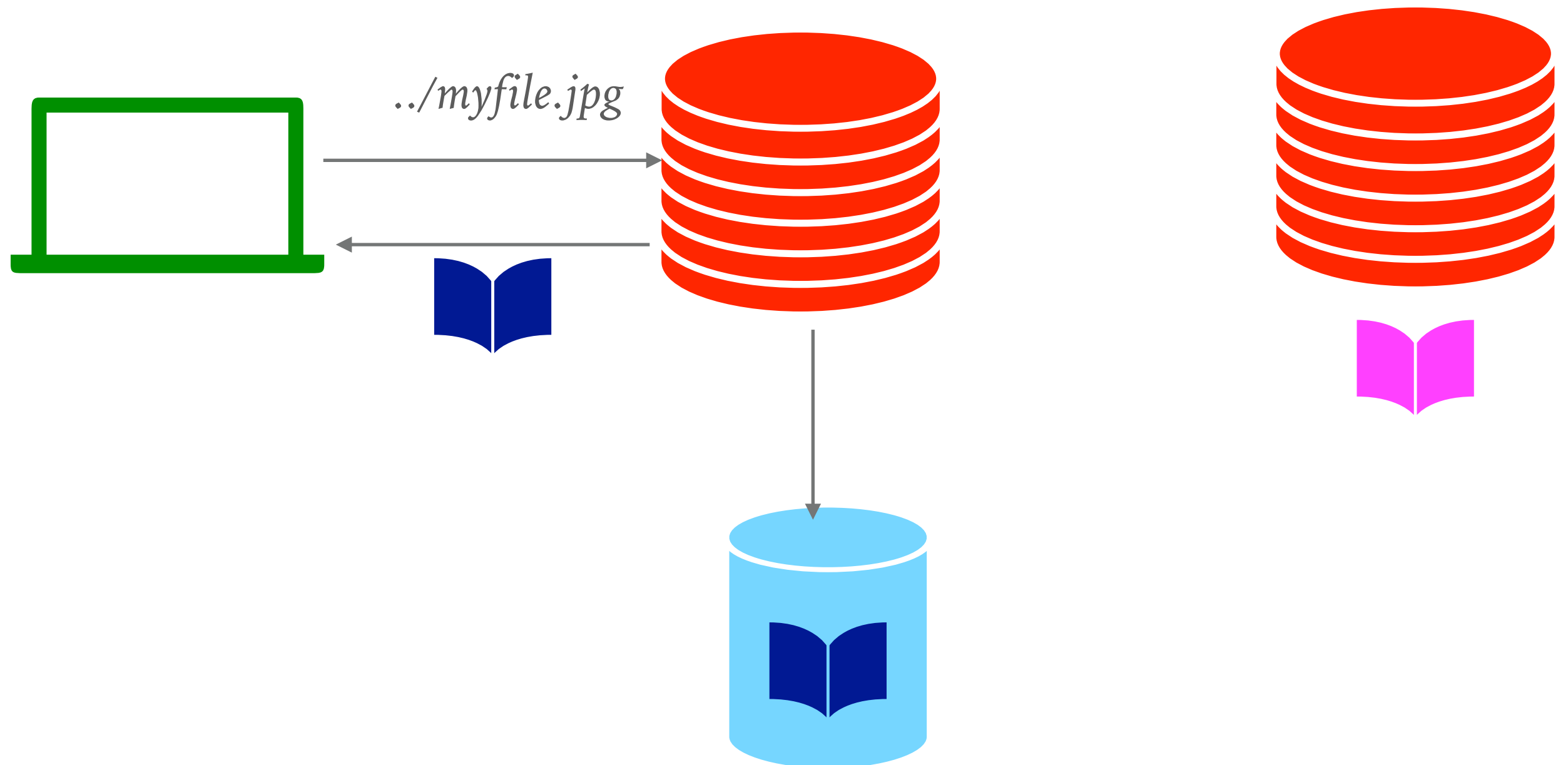




NGINX: HTTP Cache Control Headers

NGINX : Web-Server & Load Balancer



NGINX : Web-Server & Load Balancer

- **Cache Control Headers -**
- A Cache-control is an HTTP header used to specify [browser caching](#) policies in both client requests and server responses.
- Policies include how a resource is cached, where it's cached and its maximum age before expiring.

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➤ **Cache-Control: Max-Age**

- The max-age request directive defines, in seconds, the amount of time it takes for a cached copy of a resource to expire. After expiring, a browser must refresh its version of the resource by sending another request to a server.
- For example, **cache-control: max-age=120** means that the returned resource is valid for 120 seconds, after which the browser has to request a newer version.

➤ **Cache-Control: No-Cache**

- The no-cache directive means that a browser may cache a response, but must first submit a validation request to an [origin server](#).

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➤ **Cache-Control: No-Store**

- The no-store directive means browsers aren't allowed to cache a response and must pull it from the server each time it's requested. This setting is usually used for sensitive data, such as personal banking details.

➤ **Cache-Control: Public**

- The public response directive indicates that a resource can be cached by any cache.

➤ **Cache-Control: Private**

- The private response directive indicates that a resource is user specific—it can still be cached, but only on a client device.

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker is black with a silver band. The cursive text is written in a dark blue or black ink. The background is a plain, light-colored surface.

See you in next lecture ...