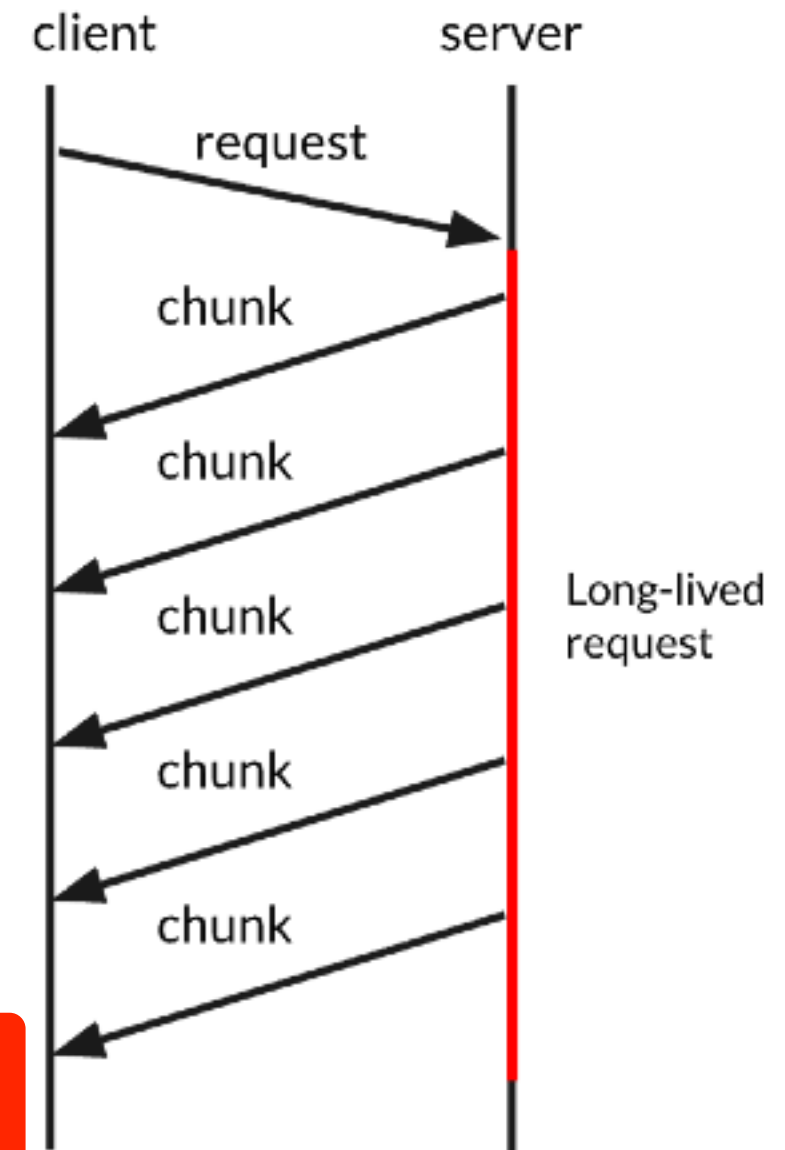# On the server side

Create stream and keep the connection opened

```javascript
app.get('/processing', async function(req, res){
    res.setHeader('Content-Type', 'text/event-stream');
    res.setHeader('Cache-Control', 'no-cache');
    res.setHeader('Connection', 'keep-alive');

    req.on('close', () => {
        res.end();
    });

    for (let i=0; i<100; i+=10){
        res.write(`data: Processing ${i}%\n\n`);
        await timer(2000);
    }

    res.write(`data: Processing Done\n\n`);
    res.end();
});
```

Send data to down the stream

client   server

request

chunk

chunk

chunk   Long-lived
               request

chunk

chunk

chunk

On the client side

Open the stream

Data Handler

Error Handler

```javascript
const eventSource = new EventSource('/processing');

eventSource.onmessage = function(event) {
    document.querySelector("#message").innerHTML = event.data;
};

eventSource.onerror = function(event) {
    eventSource.close();
};
```