Node and the HTTP Module

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Node HTTP Module

- Core networking module supporting a high-performance foundation for a HTTP stack
- Using the module:

  const http = require('http');

- Creating a server:

  const server = http.createServer(function(req, res){ . . . });

- Starting the server:

  server.listen(port, . . .);

Node HTTP Module

- Incoming request message information available through the first parameter "req"
  - req.headers, req.body, . . .
- Response message is constructed on the second parameter "res"
  - res.setHeader("Content-Type", "text/html");
  - res.statusCode = 200;
  - res.write('Hello World!');
  - res.end('<html><body><h1>Hello World</h1></body></html>');

Node path Module

- Using path Module:

  const path = require('path');

- Some example path methods:

  path.resolve('./public'+fileUrl);

  path.extname(filePath);

Node fs Module

- Use fs module in your application

  const fs = require('fs');

- Some example fs methods:

  fs.exists(filePath, function(exists) { . . . });

  fs.createReadStream(filePath).pipe(res);