**Pour l’upload et le download :**

1. Le client demande s’il est possible d’upload le fichier

2. Le client est connecté

3. Créer un nouveau serveur qui écoute sur un nouveau port

🡪 Download : port 22

🡪 Upload : port 21

4. Dire au client que l’on peut upload

5. fs.createReadStream (file) . pipe(socket)

6. Fermer le serveur

Create an Upload form

var http = require('http');  
  
http.createServer(function (req, res) {  
  res.writeHead(200, {'Content-Type': 'text/html'});  
  res.write('<form action="fileupload" method="post" enctype="multipart/form-data">');  
  res.write('<input type="file" name="filetoupload"><br>');  
  res.write('<input type="submit">');  
  res.write('</form>');  
  return res.end();  
}).listen(8080);

Parse the file :

var http = require('http');  
**var formidable = require('formidable');**  
http.createServer(function (req, res) {  
**if (req.url == '/fileupload') {  
    var form = new formidable.IncomingForm();  
    form.parse(req, function (err, fields, files) {  
      res.write('File uploaded');  
      res.end();  
    });**  } else {  
    res.writeHead(200, {'Content-Type': 'text/html'});  
    res.write('<form action="fileupload" method="post" enctype="multipart/form-data">');  
    res.write('<input type="file" name="filetoupload"><br>');  
    res.write('<input type="submit">');  
    res.write('</form>');  
    return res.end();  
  }  
}).listen(8080);

**Save the file :**

var http = require('http');  
var formidable = require('formidable');  
**var fs = require('fs');**  
http.createServer(function (req, res) {  
  if (req.url == '/fileupload') {  
    var form = new formidable.IncomingForm();  
    form.parse(req, function (err, fields, files) {  
**var oldpath = files.filetoupload.path;  
      var newpath = 'C:/Users/Your Name/' + files.filetoupload.name;  
      fs.rename(oldpath, newpath, function (err) {  
        if (err) throw err;  
        res.write('File uploaded and moved!');  
        res.end();  
      });** });  
  } else {  
    res.writeHead(200, {'Content-Type': 'text/html'});  
    res.write('<form action="fileupload" method="post" enctype="multipart/form-data">');  
    res.write('<input type="file" name="filetoupload"><br>');  
    res.write('<input type="submit">');  
    res.write('</form>');  
    return res.end();  
  }  
}).listen(8080);

var formidable = require('formidable'),

http = require('http'),

util = require('util'),

fs = require('fs-extra'),

path = require("path");

http.createServer(function (req, res) {

/\* Process the form uploads \*/

if (req.url == '/upload' && req.method.toLowerCase() == 'post') {

var form = new formidable.IncomingForm();

form.parse(req, function (err, fields, files) {

res.writeHead(200, {'content-type': 'text/plain'});

res.write('received upload:\n\n');

res.end(util.inspect({fields: fields, files: files}));

});

form.on('fileBegin', function(name, file) {

file.path = path.join(\_\_dirname, '/temp/') + file.name;

});

form.on('progress', function(bytesReceived, bytesExpected) {

var percent\_complete = (bytesReceived / bytesExpected) \* 100;

console.log(percent\_complete.toFixed(2));

});

form.on('end', function (fields, files) {

/\* Temporary location of our uploaded file \*/

var temp\_path = this.openedFiles[0].path;

/\* The file name of the uploaded file \*/

var file\_name = this.openedFiles[0].name;

/\* Location where we want to copy the uploaded file \*/

var new\_location = path.join(\_\_dirname, '/upload/');

fs.copy(temp\_path, new\_location + file\_name, function (err) {

if (err) {

console.error(err);

} else {

console.log("success!");

// Delete the "temp" file

fs.unlink(temp\_path, function(err) {

if (err) {

console.error(err);

console.log("TROUBLE deletion temp !");

} else {

console.log("success deletion temp !");

}

});

}

});

});

return;

}

/\* Display the file upload form. \*/

res.writeHead(200, {'content-type': 'text/html'});

res.end(

'<form action="/upload" enctype="multipart/form-data" method="post">' +

'<input type="text" name="title"><br>' +

'<input type="file" name="upload" multiple="multiple"><br>' +

'<input type="submit" value="Upload">' +

'</form>'

);

}).listen(8080);

<http://blog.robomatix.net/blog/uploader-un-fichier-avec-nodejs>

<http://www.sqlitetutorial.net/sqlite-nodejs/connect/>