

## 如何用express 和 request 转发带文件请求

• 发布于 1 年前 • 作者 LiuWenLibra (/user/LiuWenLibra) • 3532 次浏览 • 最后一次编辑是 10 个月前 • 来自 问答

场景是express接收到req中的文件后需要将文件转发至远端接口

```
var
  express = require('express'),
  request = require('request'),
  multer = require('multer'),
  upload = multer({ dest: 'uploads/' }),
  Q = require('q'),
  app=express();
app.post('/sapi/servlet/fileupload', upload.single('file'), function (req, res, next) {
  console.log(req.file);
  var reqParam = {
    method:req.method,
    url: 'http://xxx.xxx.xxx/upload',
    qs: req.query,
    body: req.body,
    headers: {

    },
    json: true
  };
  var deferred = Q.defer();
  request(reqParam, function (err, res, body) {
    if (err) {
      return deferred.reject(new ServiceReqError('ServiceRequestError', 500, err));
    }
    if(res){
      if (res.statusCode && (res.statusCode !== 200 || !body)) {
        return deferred.reject(new ServiceReqError('ServiceRequestError', res.statusCode, body || 'error'));
      }
    }
    if(body){
      //if (body.statusCode && (body.statusCode !== '200' || body.result !== 'true')){
      //  return deferred.reject(new ServiceReqError('ServiceRequestError', body.message || '服务器离家出走'));
      //}
    }
    //console.log(res.headers);
    deferred.resolve([body,res]);
  });

  return deferred.promise;

});
```

7 回复



(/user/DevinXian) **DevinXian (/user/DevinXian)** 1楼•1 年前

request 是个牛b的模块，我觉得最容易想到的办法就是构造request的form，转发之。能利用stream最好了



(/user/LiuWenLibra) **LiuWenLibra (/user/LiuWenLibra)** 2楼•1 年前 作者

@DevinXian (/user/DevinXian)

stream如何将req.file转为流传入reqParam 中？



(/user/DevinXian) **DevinXian (/user/DevinXian)** 3楼•1 年前

@LiuWenLibra (/user/LiuWenLibra) req.file不是blob一类的，要读取上传的文件吧



(/user/LiuWenLibra) **LiuWenLibra (/user/LiuWenLibra)** 4楼•1 年前 作者

@DevinXian (/user/DevinXian)

我这样写为什么远端还是接不到文件？

```

app.post('/upload', upload.single('file'), function (req, res, next) {
  console.log(req.file);
  var fs = require('fs');
  var http = require('http');

  var boundaryKey = '----' + new Date().getTime();
  var options = {

    host:'xxx.xxx.xxx',//远端服务器域名

    port:80,//远端服务器端口号

    method:req.method,

    path:'/fileupload',//上传服务路径

    headers:{

      'Content-Type':'multipart/form-data; boundary=' + boundaryKey,

      'Connection':'keep-alive'

    },

  };

  var request = http.request(options,function(res){

    res.setEncoding('utf8');

    res.on('data', function (chunk) {

      console.log('body: ' + chunk);

    });

    res.on('end',function(){

      console.log('res end.');

```

```
request.end('\r\n-' + boundaryKey + '-');

});

});
```



(/user/magicdawn) **magicdawn (/user/magicdawn)** 5楼•1 年前

不要使用 **multer** 接收, 直接 **Pipe** 即可

```
app.post('upload', function(req, res){
  var type = req.get('content-type');
  var localReq = request({ /* 后端 */ }); // 记得设置 content-type 以保留 boundary
  req.pipe(localReq);
  localReq.pipe(res);
});
```



(/user/magicdawn) **magicdawn (/user/magicdawn)** 6楼•1 年前

**request** 可能是这样 **pipe** 的. **superagent** 是这样的

```
request = require 'superagent'
localReq = request
  .post url
  .type req.get('content-type')

req.pipe localReq
localReq.pipe res
```



(/user/flamingtop) **flamingtop (/user/flamingtop)** 7楼•1 年前

<http://stackoverflow.com/questions/25344879/uploading-file-using-post-request-in-node-js>  
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