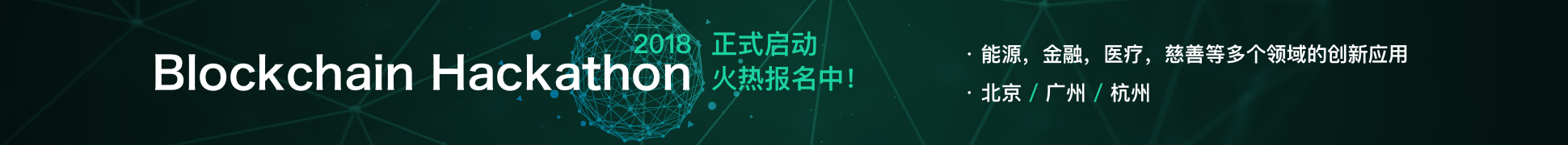
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# [用fetch与服务器进行交互时headers中content-type的配置问题以及涉及到的跨域问题](https://segmentfault.com/a/1190000009637016)

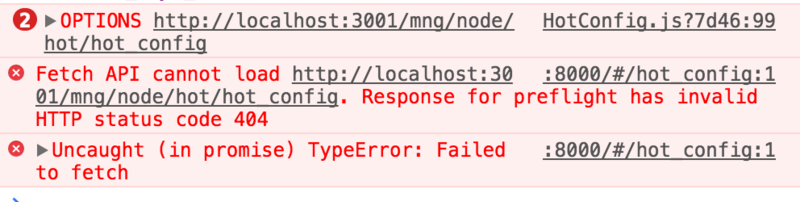
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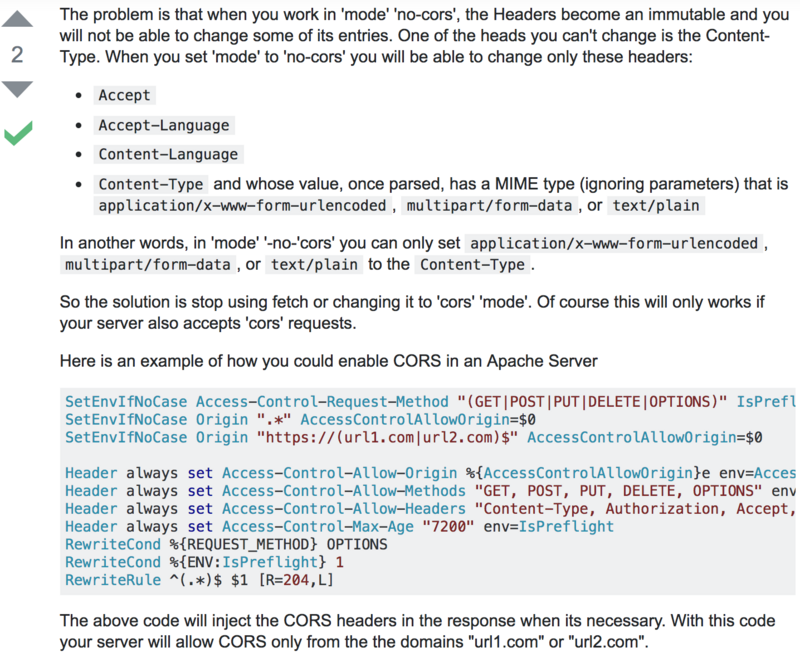
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最近在用react+node.js做项目的时候遇到一个问题：前端需要post给服务器的内容为json格式的（也就是content-type为application/json的格式），使用fetch()来与服务器进行交互时，设置 headers的中content-type为application/json，数据发送不到到服务器并报错如下：   


**我明明时候用的是post方法！**

然而试了很多种方法之后，在headers里添加mode:'no-cors'（意为”不跨域“）后，能提交成功，但是查看request的headers发现content-type自动变成了text-plain，这并不是服务器期望接受到的数据格式。

后来我goooooooogle了一下，在stackoverflow上看到这样一段回答：



大概意思为：在'no-cors'模式下，我们不能修改content-type，而content-type的值只能是application/x-www-form-urlencoded、multipart/form-data或text/plain。

如果不设置mode，直接设置content-type为application/json，则fetch会默认这是跨域模式（mode:'cors'），在跨域POST之前，客户端会先发一条OPTIONS请求来”探探路”，如果服务器允许，再继续POST数据。对于这种OPTIONS请求，需要在服务器配置允许接受OPTIONS请求，我的配置如下：

if (ctx.request.method == "**OPTIONS**") {

ctx.response.status = 200

}

我这样写就是直接允许了所有的OPTIONS请求，也可以按照需求来判断OPTIONS请求中更详细的信息。  
当然，如果你的项目确实涉及到跨域问题，除了判断OPTIONS方法的请求之外，还需要配置一下请求头，我的node.js项目中的配置如下（使用的是KOA2框架）：

app.use(async(ctx, next) => {

ctx.set("Access-Control-Allow-Origin", "\*");

ctx.set("Access-Control-Allow-Credentials", true);

ctx.set("Access-Control-Allow-Methods", "**OPTIONS**, **GET**, **PUT**, **POST**, **DELETE**");

ctx.set("Access-Control-Allow-Headers", "x-requested-with, accept, origin, content-type");

ctx.set("X-Powered-By", ' 3.2.1');

ctx.set("Content-Type", "application/json;charset=utf-8");

if (ctx.request.method == "**OPTIONS**") {

ctx.response.status = 200

}

}

await next();

});

这样，前端就不需要再做跨域处理了。

新手上路，理解有误的请大家指正~

=============2017.6.16更新==================

nodejs中跨域header配置中的header字段，一定要跟fetch里设置的header字段一致，比如：  
在nodejs中配置头文件：

ctx**.set**("Access-Control-Allow-Headers", "x-requested-with, accept, origin, content-type");

那么，在fetch中配置content-type要写得与上述代码中的一致。nodejs中写的是content-type,fetch中就写content-type，写成contentType就不可以，会被拒绝。

* [2017年06月02日发布](https://segmentfault.com/a/1190000009637016)
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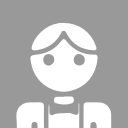
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