

Fiddler 移动设备抓包

南京游戏中心

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Table of Contents

本文参考文档：

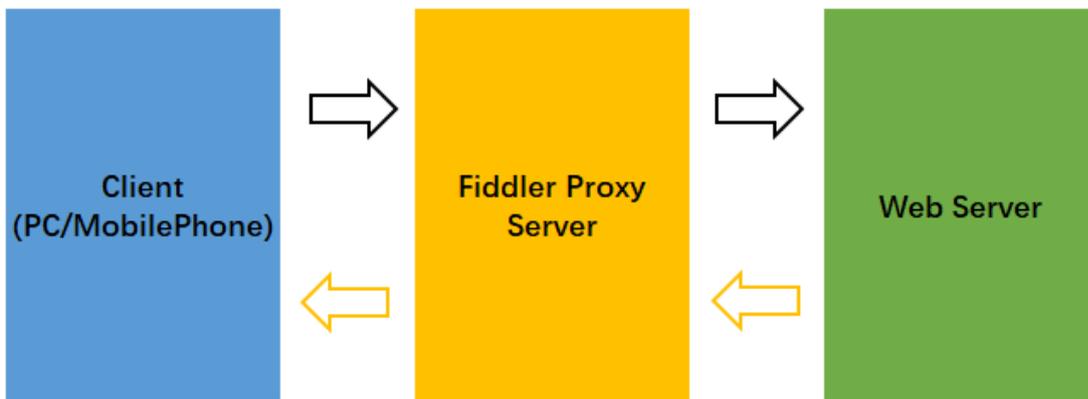
<https://www.cnblogs.com/yyhh/p/5140852.html#l02>

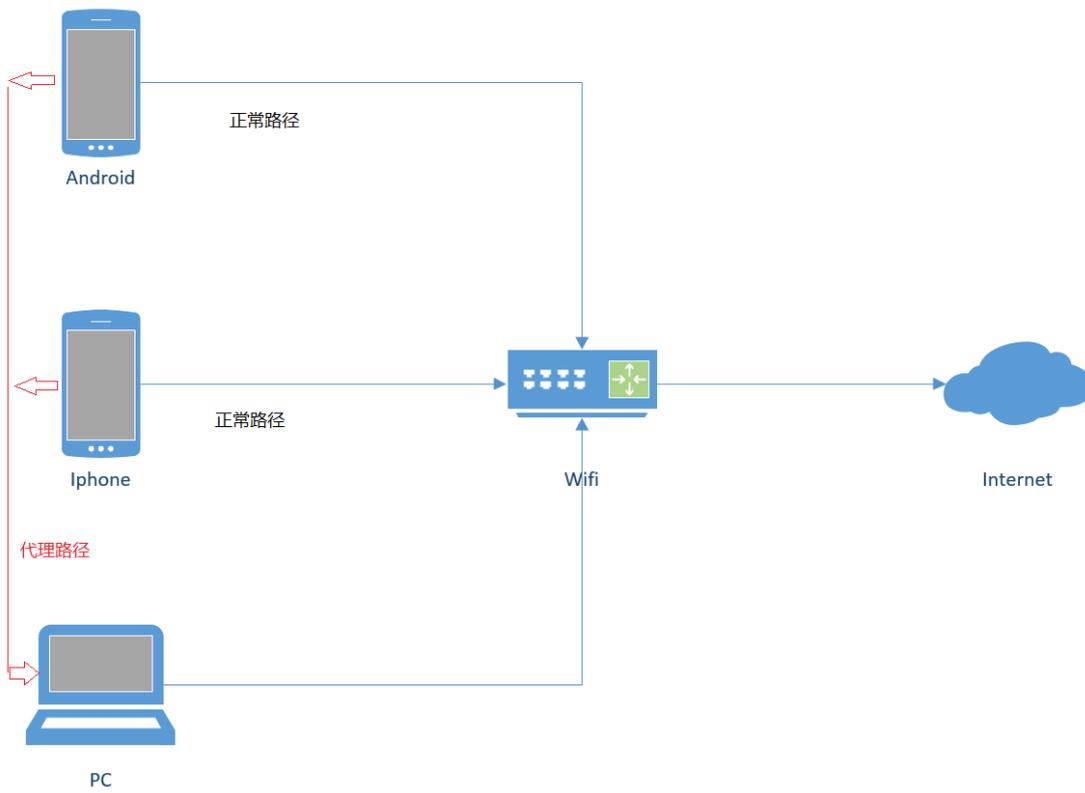
目的：

研发场景一，有时我们需要对移动端和服务端的http/https请求进行查看，确认接口的调用，参数的传递，服务的响应符合我们的预期；

研发场景二，有时，我们需要对移动端的请求进行截断，修改某些请求内容。或者是拦截服务端的响应，修改某些响应内容。来满足我们特定的开发/测试场景。

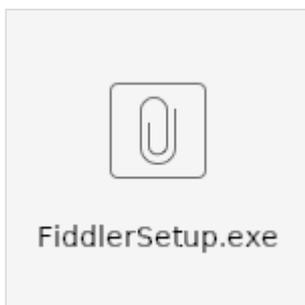
原理：





一、Fiddler的安装

<https://www.telerik.com/download/fiddler>



二、基本功能介绍

1. 确保Capture Traffic的开启

Progress Telerik Fiddler Web Debugger

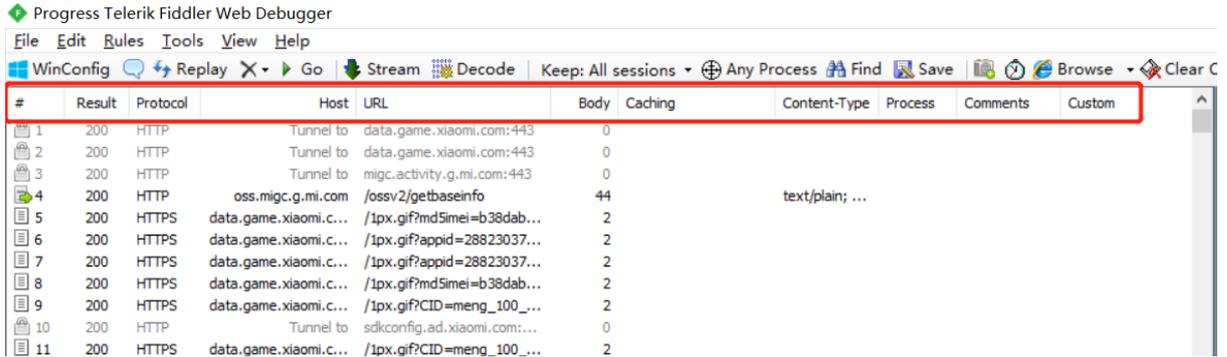
The screenshot shows the Fiddler Web Debugger interface. The 'Capture Traffic' menu is open, showing options like 'New Viewer', 'Load Archive...', 'Recent Archives', 'Save', 'Import Sessions...', 'Export Sessions', and 'Exit'. A red arrow points from the 'Capture Traffic' menu item to the 'Capturing' status bar at the bottom. The status bar shows 'Capturing' is active, 'All Processes' are selected, and 1,440 items are being captured.

Host	URL	Body	Caching	Content-Type	Pr
Tunnel to	data.game.xiaomi.com:443		0		
Tunnel to	data.game.xiaomi.com:443		0		
Tunnel to	mgc.activity.g.mi.com:443		0		
c.g.mi.com	/ossv2/getbaseinfo	44		text/plain; ...	
xiaomi.c...	/1px.gif?md5imei=b38dab...	2			
xiaomi.c...	/1px.gif?appid=28823037...	2			
xiaomi.c...	/1px.gif?appid=28823037...	2			
xiaomi.c...	/1px.gif?md5imei=b38dab...	2			
xiaomi.c...	/1px.gif?CID=meng_100_...	2			
Tunnel to	sdkconfig.ad.xiaomi.com:...	0			
10	200	HTTP	Tunnel to		
11	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
12	200	HTTPS	mgc.activity.g.mi.com	/gamesdk/notice/crash?de...	51
13	200	HTTPS	sdkconfig.ad.xiaomi...	/api/detail/54db829f0942...	2,691
14	200	HTTP	app.mgc.xiaomi.com	/contentapi/page/json/da...	24
15	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
16	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
17	200	HTTPS	data.game.xiaomi.c...	/1px.gif?appid=28823037...	2
18	200	HTTP	Tunnel to	data.game.xiaomi.com:443	0
19	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
20	200	HTTPS	data.game.xiaomi.c...	/gcsdk.do	34
21	200	HTTP	10.38.164.188	/knights/contentapi/sdk/p...	19
22	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
23	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
24	200	HTTP	Tunnel to	app.knights.mi.com:443	0
25	200	HTTPS	data.game.xiaomi.c...	/1px.gif?appid=28823037...	2
26	200	HTTP	Tunnel to	data.game.xiaomi.com:443	0
27	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
28	200	HTTPS	data.game.xiaomi.c...	/gcsdk.do	34
29	200	HTTPS	app.knights.mi.com	/knights/contentapi/game...	127
30	200	HTTP	Tunnel to	data.game.xiaomi.com:443	0
31	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
32	200	HTTPS	data.game.xiaomi.c...	/gcsdk.do	34
33	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
34	200	HTTP	api.account.previe...	/pass/configuration	731
35	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
36	200	HTTPS	data.game.xiaomi.c...	/1px.gif?CID=meng_100_...	2
37	200	HTTP	api.account.previe...	/pass/configuration	731
38	200	HTTP	Tunnel to	account.xiaomi.com:443	0
39	200	HTTPS	account.xiaomi.com	/pass/auth/security/pensi...	0
				no-cache	
				application/...	

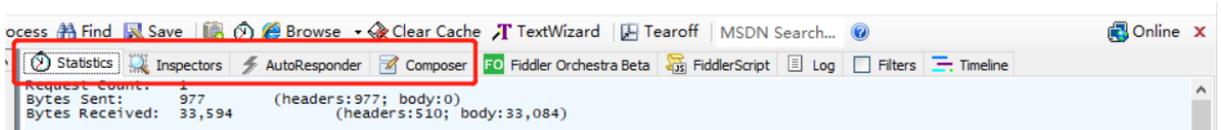
[QuickExec] Alt+F4 > type HELP to learn more

Capturing All Processes 1,440

2. 字段含义



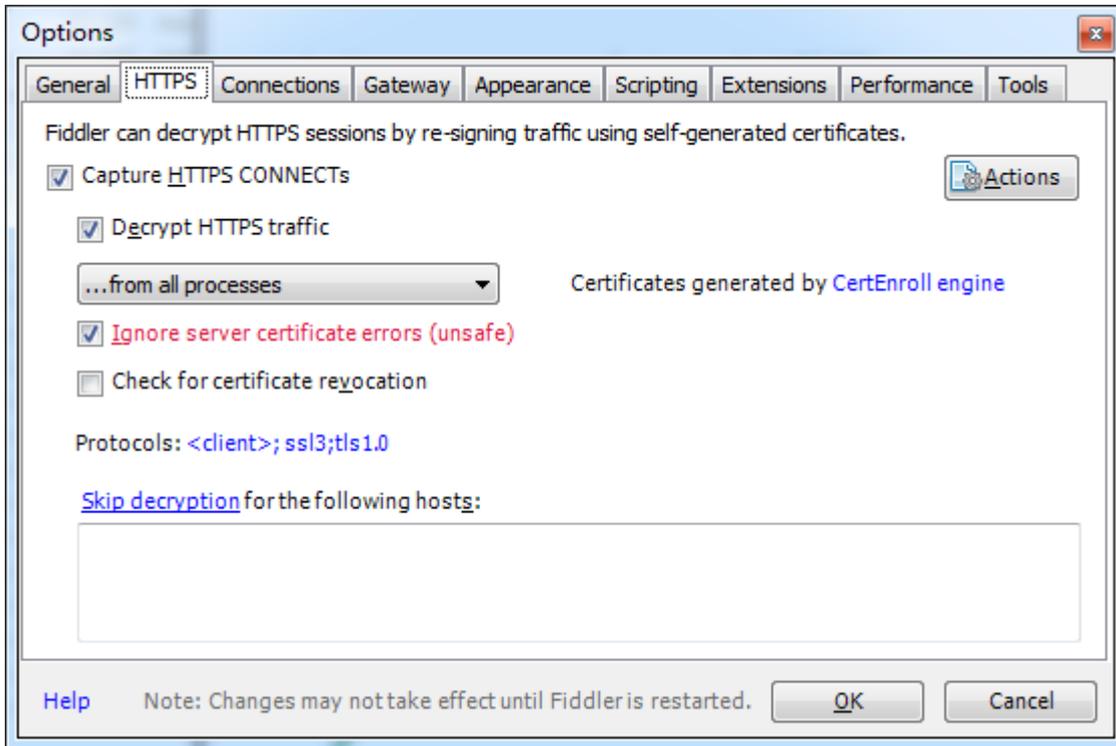
名称	含义
#	抓取HTTP Request的顺序, 从1开始, 以此递增
Result	HTTP状态码
Protocol	请求使用的协议, 如HTTP/HTTPS/FTP等
Host	请求地址的主机名
URL	请求资源的位置
Body	该请求的大小
Caching	请求的缓存过期时间或者缓存控制值
Content-Type	请求响应的类型
Process	发送此请求的进程: 进程ID
Comments	允许用户为此回话添加备注
Custom	允许用户设置自定义值



名称	含义
Statistics	请求的性能数据分析
Inspectors	查看请求/响应数据内容
AutoResponder	允许拦截指定规则的请求

Composer	自定义请求发送服务器
Filters	请求过滤规则

三、https请求获取设置



四、移动设备抓包

1. 确保手机和PC在同一网络下(连接相同的wifi)
2. 获取PC 无线IP地址
3. 手机wifi连接配置代理, (pc IP + Fiddler监听端口8888)
4. 手机浏览器访问PC IP : Fiddler监听端口, 下载证书
5. 手机安全设置中导入证书
6. 手机端的http/https请求, 均能被Fiddler正常记录

