GeekBrains

Инструменты прокси-трафика

Урок 3

План курса

1. Основы тестирования web-приложений
2. Chrome DevTools
3. Инструменты прокси-трафика
4. Тестирование форм

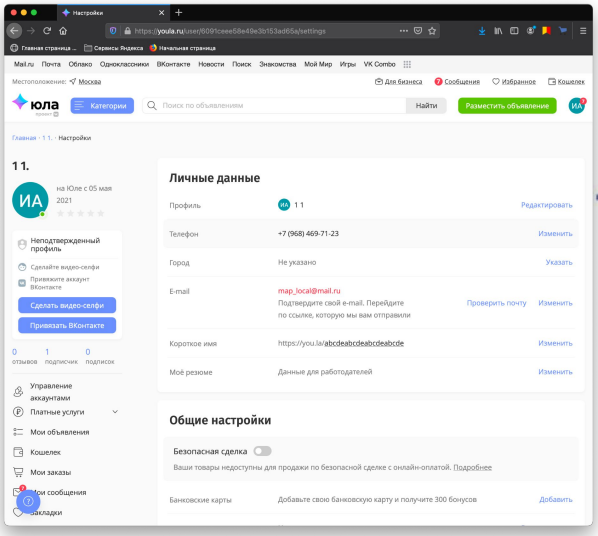
План урока

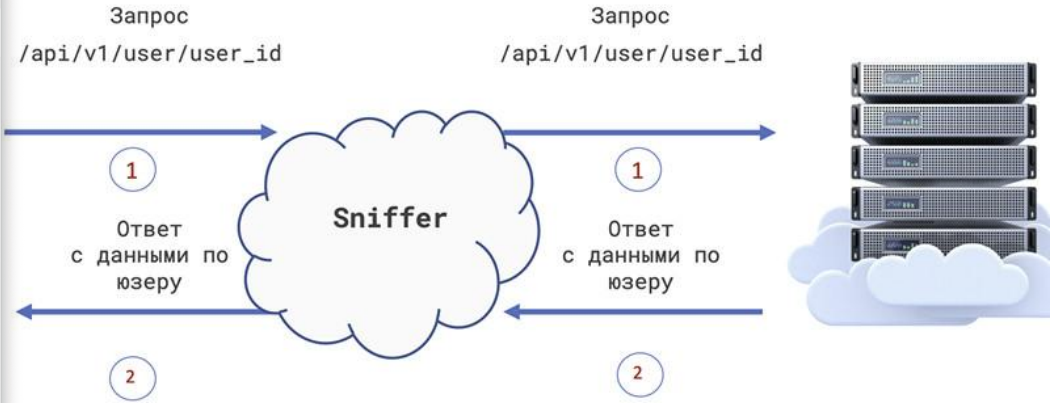
1. Что такое сниффинг трафика.
2. Как осуществляется проксирование трафика.
3. Какие существуют инструменты прокси-трафика.
4. Charles Proxy.

Что такое сниффинг трафика и как он осуществляется

Сниффинг

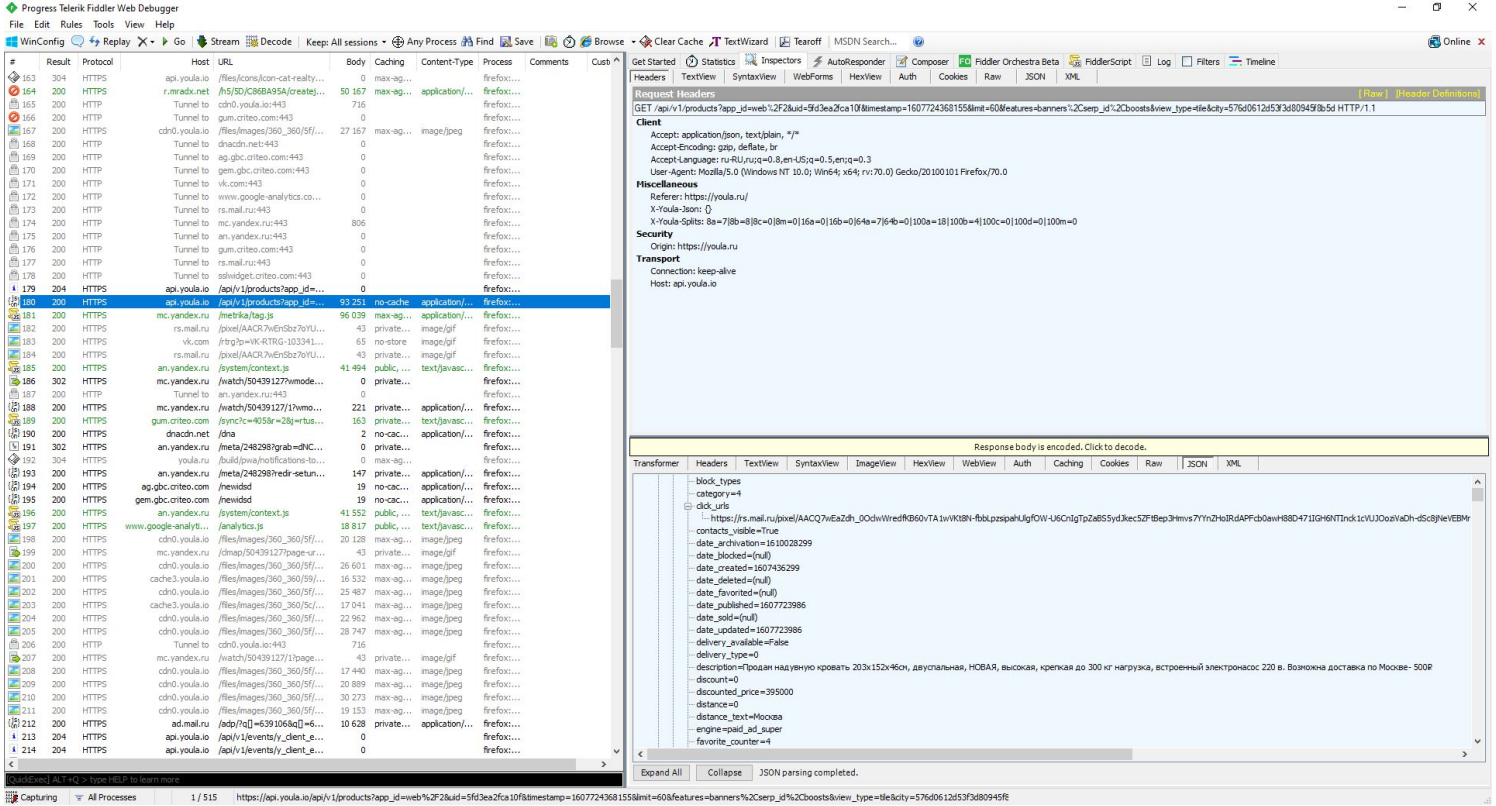
Сниффинг — процесс мониторинга и перехвата всех пакетов, проходящих через сеть, с помощью инструментов сниффинга.



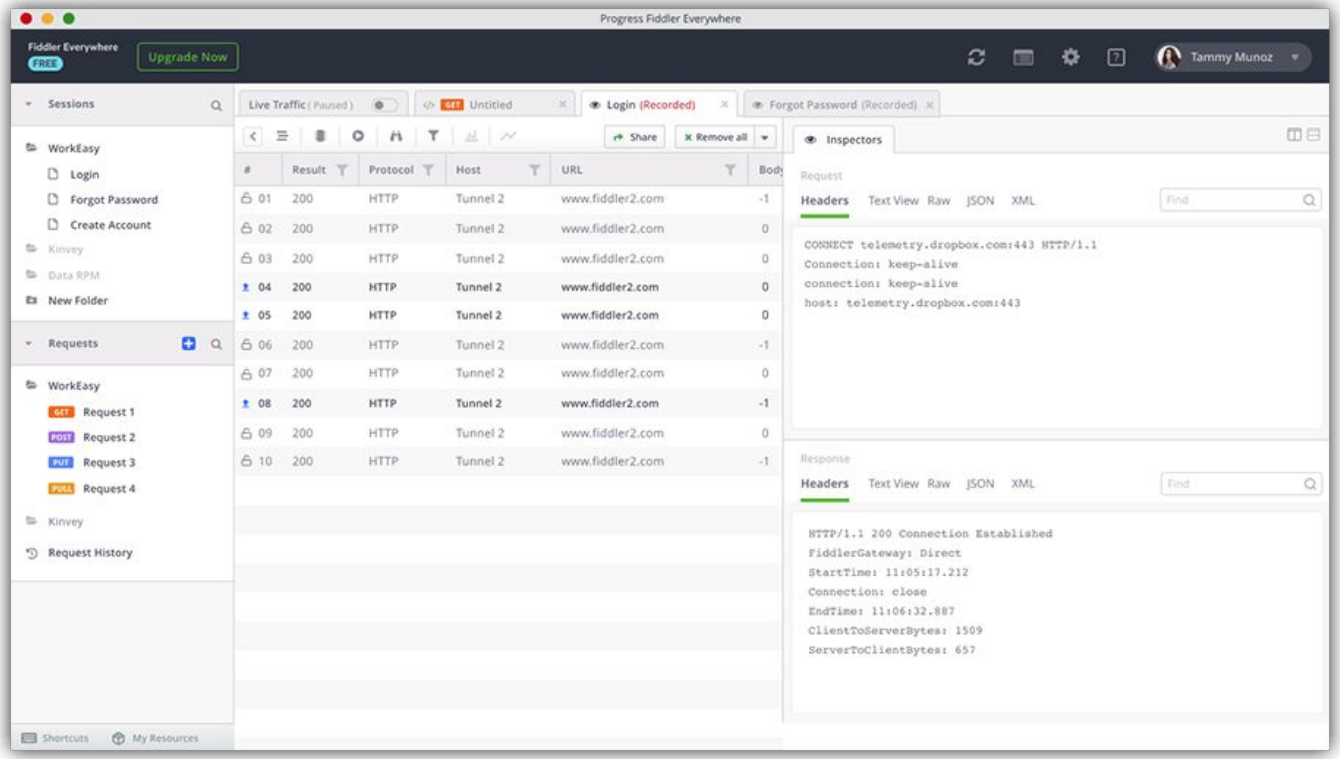


Какие существуют инструменты прокси-трафика

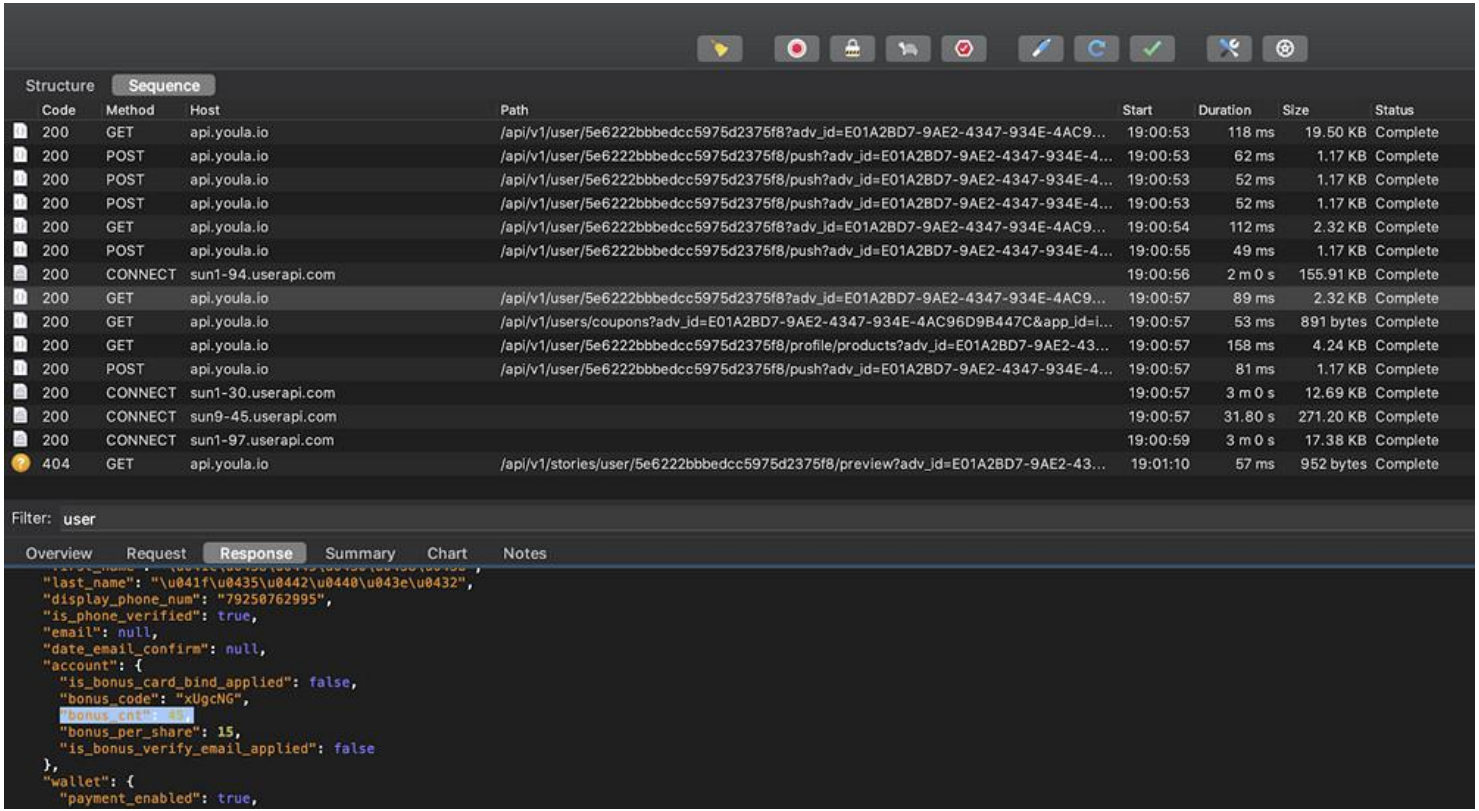
Fiddler Classic



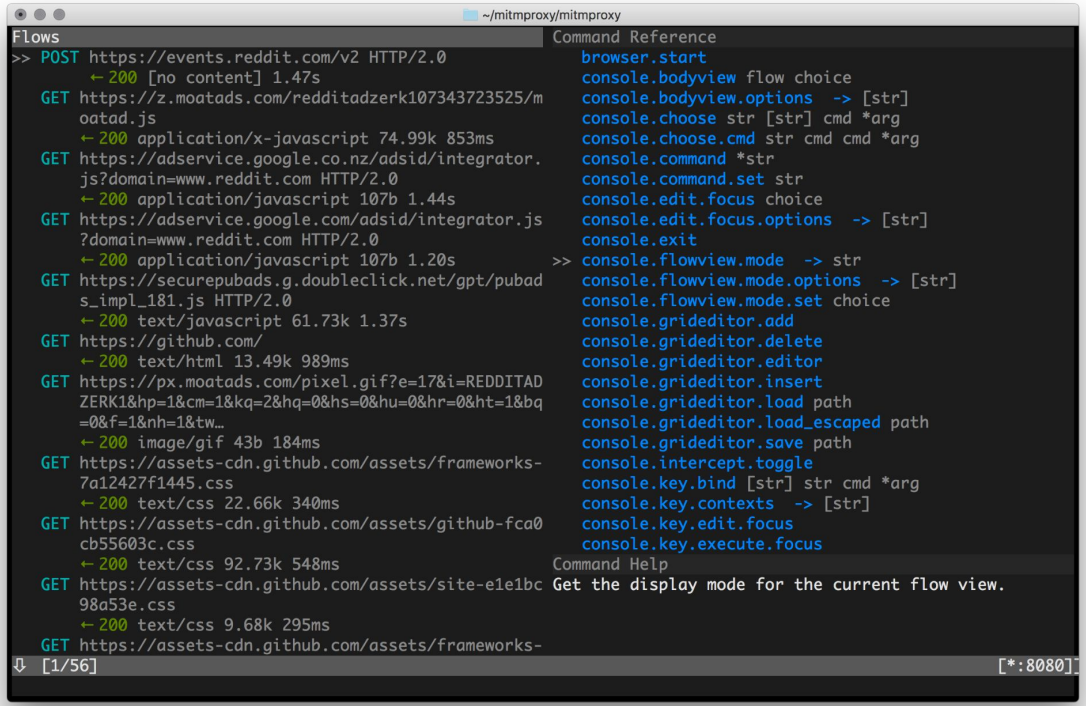
Fiddler Everywhere



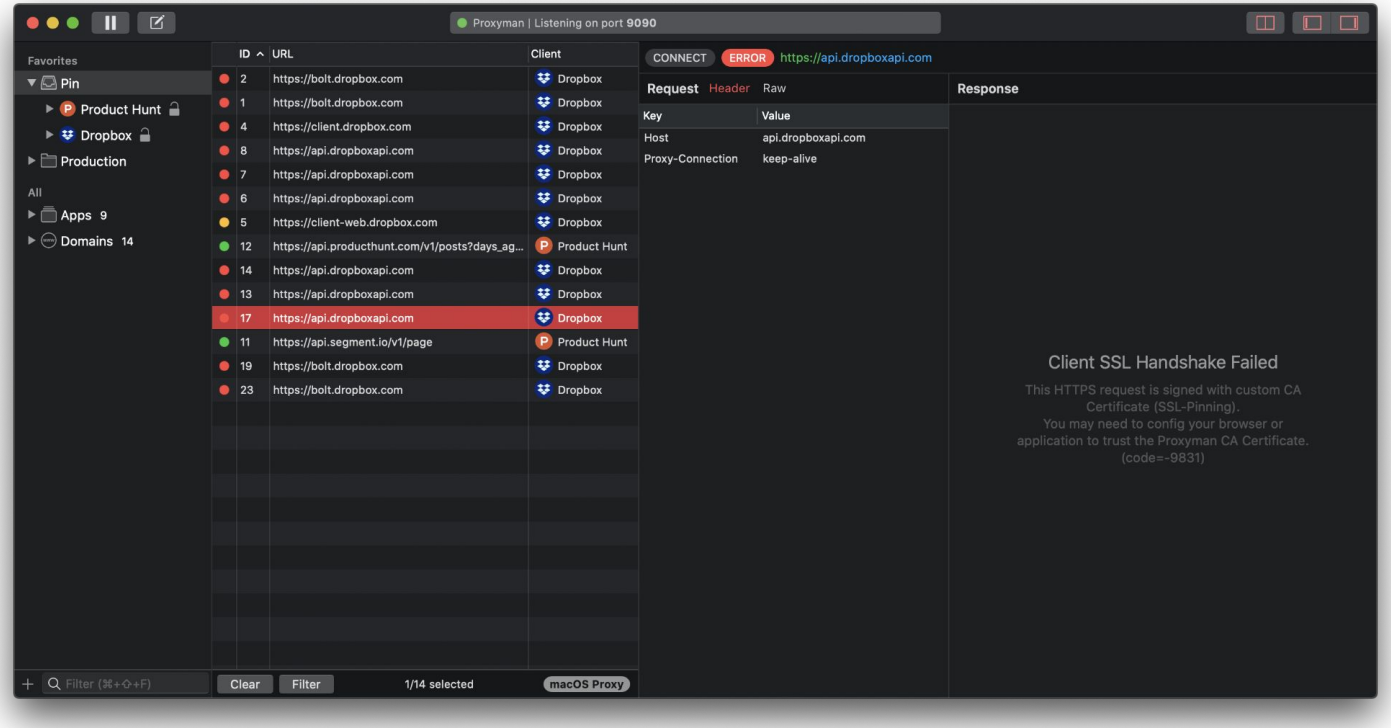
Charles Proxy



Mitmproxy


~/mitmproxy/mitmproxy
Flows
>> POST https://events.reddit.com/v2 HTTP/2.0
← 200 [no content] 1.47s
GET https://z.moatads.com/redditadzerk107343723525/moatad.js
← 200 application/x-javascript 74.99k 853ms
GET https://adservice.google.co.nz/adsid/integrator.js?domain=www.reddit.com HTTP/2.0
← 200 application/javascript 107b 1.44s
GET https://adservice.google.com/adsid/integrator.js?domain=www.reddit.com HTTP/2.0
← 200 application/javascript 107b 1.20s
GET https://securepubads.g.doubleclick.net/gpt/pubads_impl_181.js HTTP/2.0
← 200 text/javascript 61.73k 1.37s
GET https://github.com/
← 200 text/html 13.49k 989ms
GET https://px.moatads.com/pixel.gif?e=17&i=REDDITADZERK1&hp=1&cm=1&kq=2&hq=0&hs=0&hu=0&hr=0&ht=1&bq=0&f=1&nh=1&tw…
← 200 image/gif 43b 184ms
GET https://assets-cdn.github.com/assets/frameworks-7a12427f1445.css
← 200 text/css 22.66k 340ms
GET https://assets-cdn.github.com/assets/github-fca0cb55603c.css
← 200 text/css 92.73k 548ms
GET https://assets-cdn.github.com/assets/site-e1e1bc98a53e.css
← 200 text/css 9.68k 295ms
GET https://assets-cdn.github.com/assets/frameworks-
Command Reference
browser.start
console.bodyview flow choice
console.bodyview.options -> [str]
console.choose str [str] cmd *arg
console.choose.cmd str cmd cmd *arg
console.command *str
console.command.set str
console.edit.focus choice
console.edit.focus.options -> [str]
console.exit
>> console.flowview.mode -> str
console.flowview.mode.options -> [str]
console.flowview.mode.set choice
console.grideditor.add
console.grideditor.delete
console.grideditor.editor
console.grideditor.insert
console.grideditor.load path
console.grideditor.load_escaped path
console.grideditor.save path
console.intercept.toggle
console.key.bind [str] str cmd *arg
console.key.contexts -> [str]
console.key.edit.focus
console.key.execute.focus
Command Help
Get the display mode for the current flow view.
[1/56]
[*:8080]

Proxyman


Proxyman | Listening on port 9090
Favorites
Pin
Product Hunt
Dropbox
Production
All
Apps 9
Domains 14
ID
URL
Client
2 https://bolt.dropbox.com Dropbox
1 https://bolt.dropbox.com Dropbox
4 https://client.dropbox.com Dropbox
8 https://api.dropboxapi.com Dropbox
7 https://api.dropboxapi.com Dropbox
6 https://api.dropboxapi.com Dropbox
5 https://client-web.dropbox.com Dropbox
12 https://api.producthunt.com/v1/posts?days_ag... Product Hunt
14 https://api.dropboxapi.com Dropbox
13 https://api.dropboxapi.com Dropbox
17 https://api.dropboxapi.com Dropbox
11 https://api.segment.io/v1/page Product Hunt
19 https://bolt.dropbox.com Dropbox
23 https://bolt.dropbox.com Dropbox
CONNECT
ERROR
https://api.dropboxapi.com
Request
Header
Raw
Key
Value
Host
api.dropboxapi.com
Proxy-Connection
keep-alive
Response
Client SSL Handshake Failed
This HTTPS request is signed with custom CA Certificate (SSL-Pinning).
You may need to config your browser or application to trust the Proxyman CA Certificate.
(code=-9831)
Filter (⌘+⌥+F)
Clear
Filter
1/14 selected
macOS Proxy

Демо
Charles Proxy

Спасибо
за внимание