

ENHANCE MOBILE DEV WITH

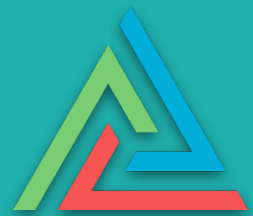


APITOOLS

NICOLAS GRENE
@PICSOUNG

#APIMEETUPBCN

MOBILE APPS DEPEND MORE AND MORE ON APIs



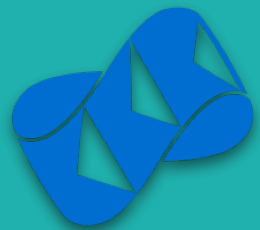
Keen IO



MY APP



Cloud Elements

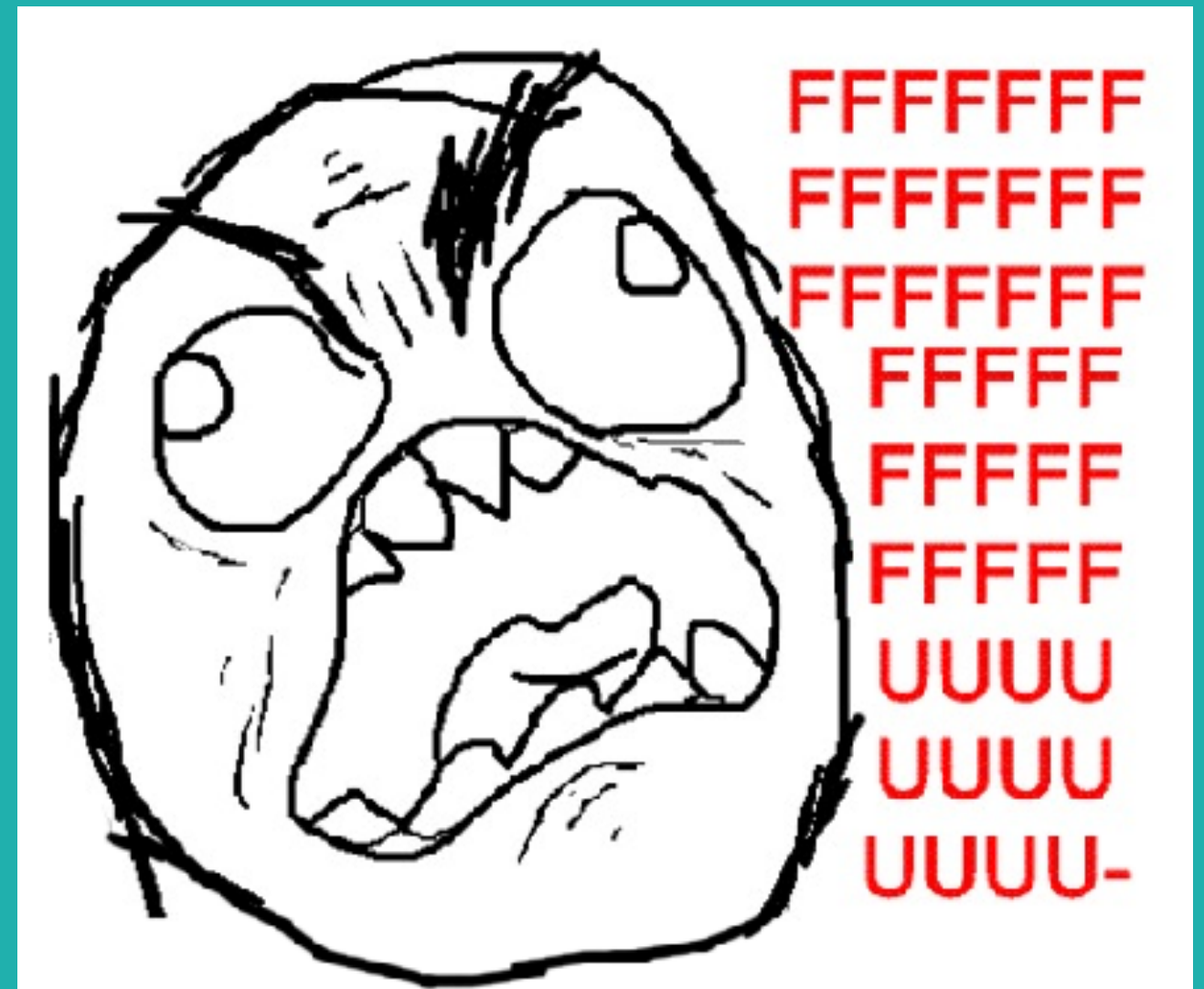


SendGrid®

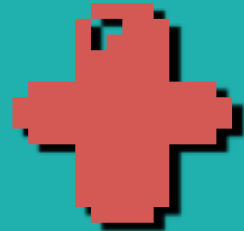


context.io

DEBUGGING ON MOBILE



MOBILE



API



APP



PROFIT

API TOOLS + API DRIVEN DEV

- 1. DEBUG IOS APPS EASILY
- 2. PROXY MOBILE HTTP(S) REQUESTS
- 3. REDUCING THE PAYLOAD OF YOUR APPS
- 4. OTHER USEFUL RESOURCES
 - A. CACHE RESPONSES TO AVOID RATE LIMITS
 - B. TRANSFORM DATA FORMATS ON THE FLY

WHAT IS APITOOLS?



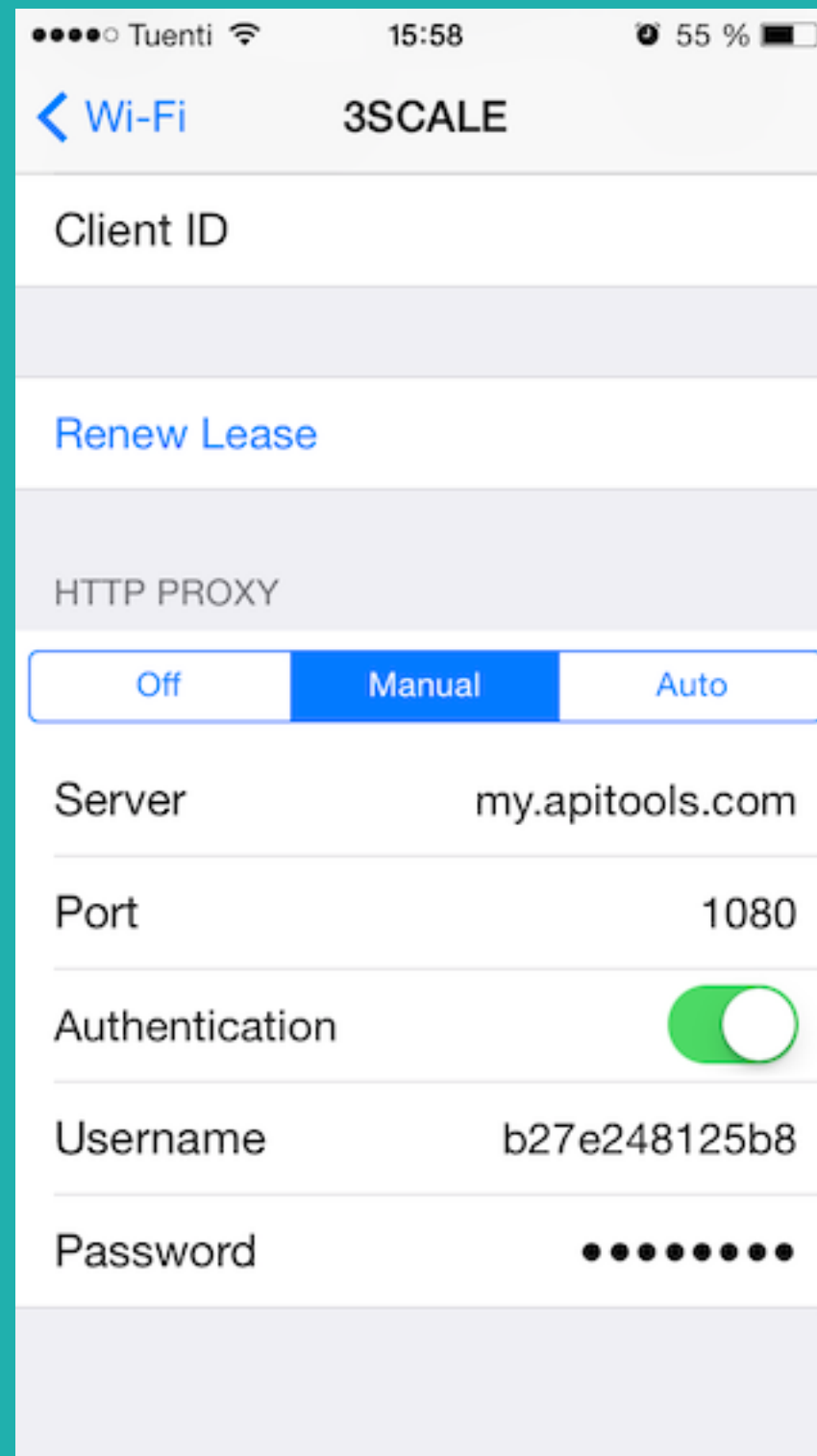
- ★STORE TRACES
- ★TEST AND DEBUG
- ★TRANSFORM API TRAFFIC
- ★ANALYTICS

DEMO

API TOOLS + API DRIVEN DEV

1. **DEBUG IOS APPS EASILY**
2. **PROXY MOBILE HTTP(S) REQUESTS**
3. **REDUCING THE PAYLOAD OF YOUR APPS**
4. **OTHER USEFUL RESOURCES**
 - A. **CACHE RESPONSES TO AVOID RATE LIMITS**
 - B. **TRANSFORM DATA FORMATS ON THE FLY**

IOS PROXY



IOS PROXY

PROS

- EASY TO SETUP
- WORKS ON WEB AND NATIVE

CONS

- EVERYTHING IS PROXIED

API TOOLS + API DRIVEN DEV

1. DEBUG IOS APPS EASILY
2. **PROXY MOBILE HTTP(S) REQUESTS**
3. REDUCING THE PAYLOAD OF YOUR APPS
4. OTHER USEFUL RESOURCES
 - A. CACHE RESPONSES TO AVOID RATE LIMITS
 - B. TRANSFORM DATA FORMATS ON THE FLY

PROXYING HTTP(S) REQUESTS

Get code: <https://github.com/vramosp/socialmusicapp/tree/noproxy>

Get solution: <https://github.com/JaviSoto/JSTAPIToolsURLProtocol>

API TOOLS + API DRIVEN DEV

1. DEBUG IOS APPS EASILY
2. PROXY MOBILE HTTP(S) REQUESTS
3. REDUCING THE PAYLOAD OF YOUR APPS
4. OTHER USEFUL RESOURCES
 - A. CACHE RESPONSES TO AVOID RATE LIMITS
 - B. TRANSFORM DATA FORMATS ON THE FLY

Our App



OUR APP



BIKEAPP

OUR APP

OUR APP



LOCAL HEMP

API TOOLS + API DRIVEN DEV

1. DEBUG IOS APPS EASILY
2. PROXY MOBILE HTTP(S) REQUESTS
3. REDUCING THE PAYLOAD OF YOUR APPS
4. **OTHER USEFUL RESOURCES**
 - A. CACHE RESPONSES TO AVOID RATE LIMITS
 - B. TRANSFORM DATA FORMATS ON THE FLY

Avoid Rate Limits

Documentation: <https://dev.twitter.com/docs/api/1.1/get/trends/place>

Code: <https://github.com/picsoung/twitterDemoApp/tree/step5-cache>

TRANSFORM RSS INTO JSON

<https://docs.apitools.com/2014/05/06/transforming-an-rss-feed-into-json-with-apitools.html>

API TOOLS IS NEW YOUR FRIEND

- ★INSPECT HTTP(S) REQUESTS...
- ★... ON A NICE AND VISUAL
ENVIRONMENT
- ★TROUBLESHOOT
- ★EASILY SPOT NOT SO OBVIOUS ERRORS
- ★KEEP YOUR APP'S CODE CLEAN
- ★BENEFIT FROM THE COMMUNITY?



APITOLS

QUESTIONS?



APITOLS

NICOLAS GRENE
@PICSOUND

#APIMEETUPBCN