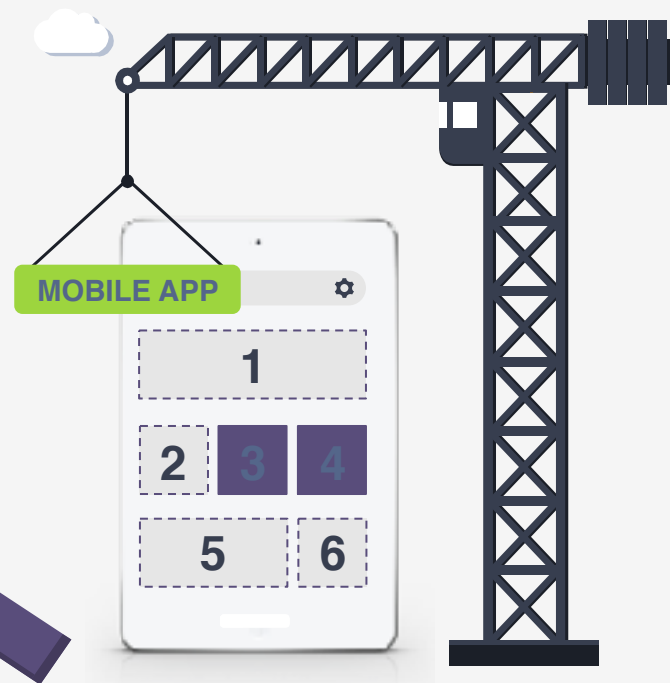


Ionic framework³

hybrid mobile app tool

Brežnjak Nikola

Senior Software Engineer
TelTech Systems, Inc



Survey ???

Let me get to know you first

 **Web development**

 ***New* Angular (2+)**

 **? smartphone**

 **App Store?**

Presentation Agenda

Or, what I'll be talking about

Basic terms



Options

Ionic framework



Building a demo app



Questions FTW!

„Some people pimp their cars with powerful engines, some put rims and stickers”



Who are you, again?

“I'm just a regular guy, I don't know why all the fuss about me” ~Eminem



Pluralsight **tutorials**

Apparently my writing is not that bad after all

How to get started with Ionic framework on Windows and Mac



1

How to create a calculator application with Ionic framework by using Ionic Creator for UI



2

How to polish, create icons and splash screen images, add ads, share and test our calculator application



3

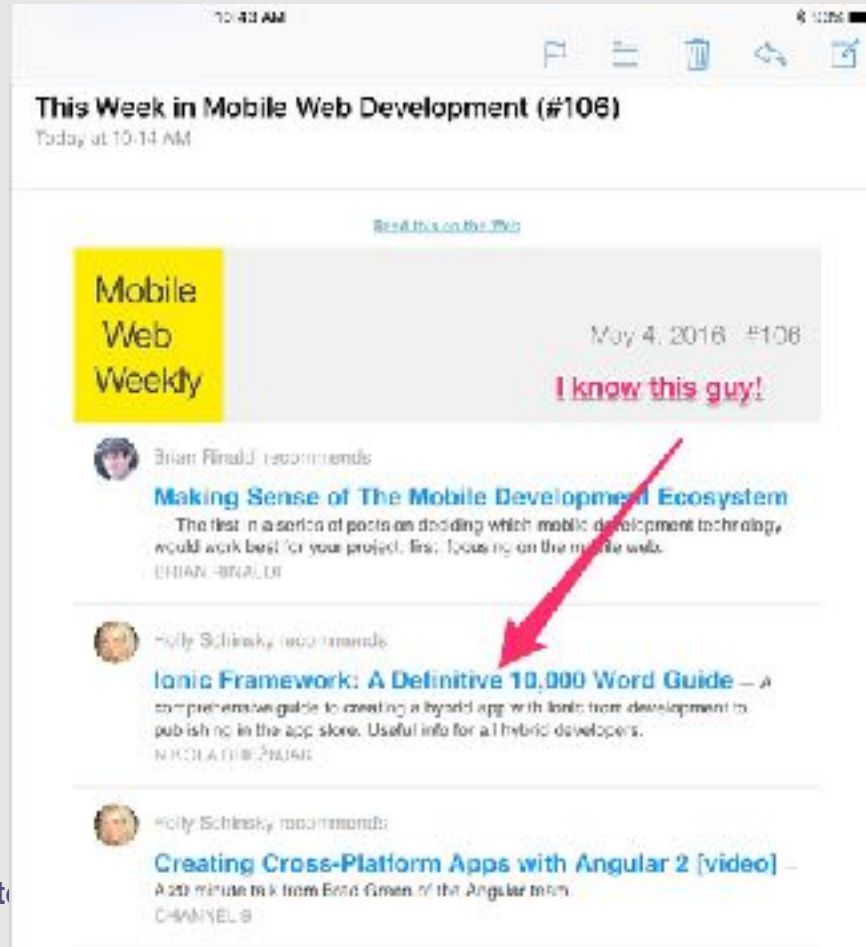
How to publish our calculator application to the Apple's App Store and Google's Play Store



4

Featured in Mobile Web Weekly

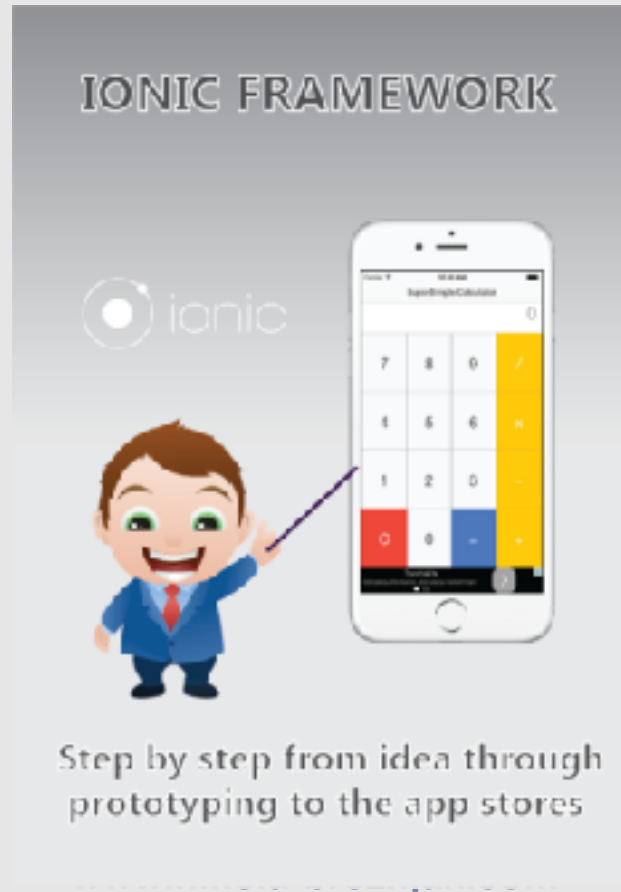
<http://tutorials.pluralsight.com/front-end-javascript/ionic-framework-a-definitive-10-000-word-guide>



Ionic framework³ – hybrid mobile app t

Blog2Book, via Leanpub

Look ma, I wrote a book: <https://leanpub.com/ionic-framework>




I'm a full StackOverflow developer

Sometimes I ask, a lot of times I answer

Top ionic-framework Answerers

Last 30 Days


3347



Sampath

23.5k • 10 • 75 • 153


1414



Suraj Rao

15.4k • 7 • 28 • 50


105



DaveAlden

14.5k • 7 • 43 • 75


99



Sajeetharan

63.9k • 19 • 86 • 140

715




ewizard

707 • 2 • 15 • 52

All Time


42198



LeftyX

25.9k • 17 • 98 • 165


33358



Jeremy Wilken

4,376 • 14 • 17


32047



jcesarmobile

28k • 6 • 58 • 103


293124



Nikola

9,022 • 14 • 75 • 135

277159



Suraj Rao

15.4k • 7 • 28 • 50

TelTech Systems

Telecommunication apps



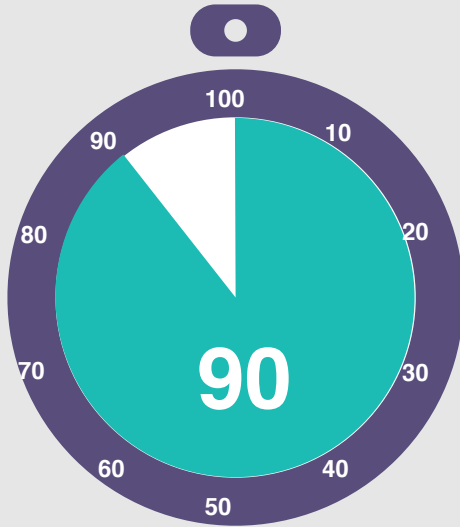
Mobile is everywhere

I love my mobile phone, and so should you



Applications rule

Really? You don't say Sherlock!



...up to 90% time spent on smartphones is spent in apps

Full stack developers

Will rule the world



99%

HTML



99%

CSS

SASS, LESS



99%

JavaScript

Angular, Ember,
React, Vue



99%

MEAN

Mongo
Express
Angular
Node

Full stack Superman

Wait, where's Batman?!



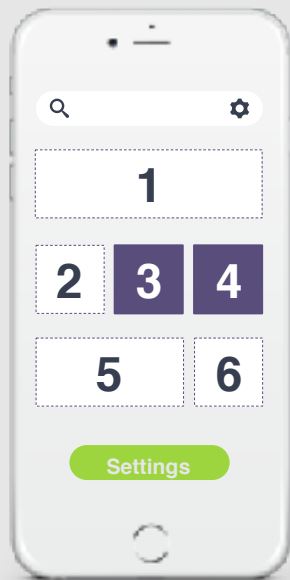
What about mobile apps???

Blog2Book, via Leanpub #2

Look ma, I wrote another book: <https://leanpub.com/meantodo>



„Native” apps for iOS & Android



Two versions

Sole developer? Big firms?

Ionic framework, PhoneGap, React Native,
Native Script...



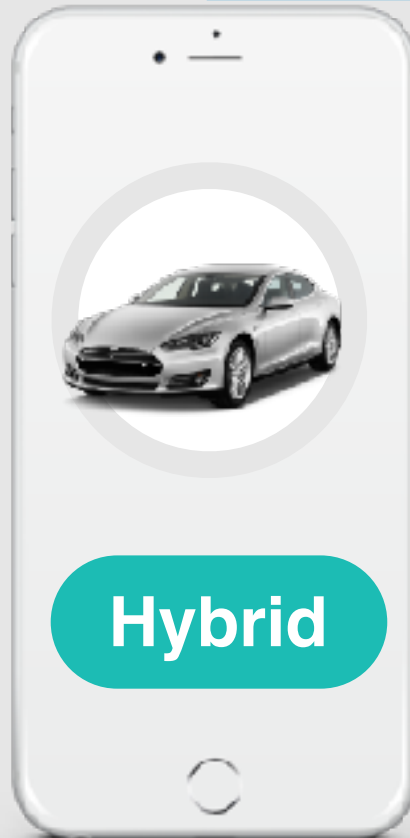
So you want to make an app?

Yes 🤔
Cool story bro



Options for building a mobile app

“I’ll take both, thank you”, Jennifer Lawrence



Native apps

You never go full native



Native SDK

iOS: { Mac, X Code, Dev license, Swift/Objective C }

Android: { Dev license }



Speed, native API access



Two apps, Development cost



Mobile web

PWA is the new black



„Regular” web site

m.domain.com, responsive web design, PWA



Update any time



Hardware access, contacts,
camera



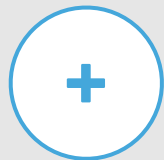
Hybrid apps

A wolf in sheep's clothing



„Regular” web app

WebView, Cordova

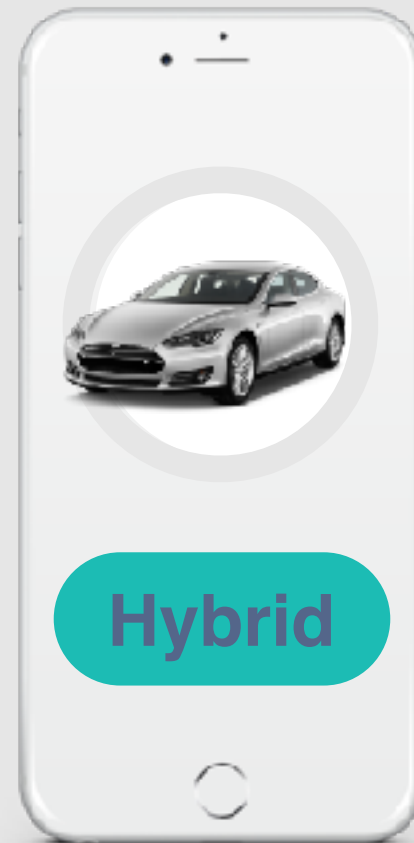


Contact access, camera

Web dev skillset, „looks” native



WebView speed, Plugins



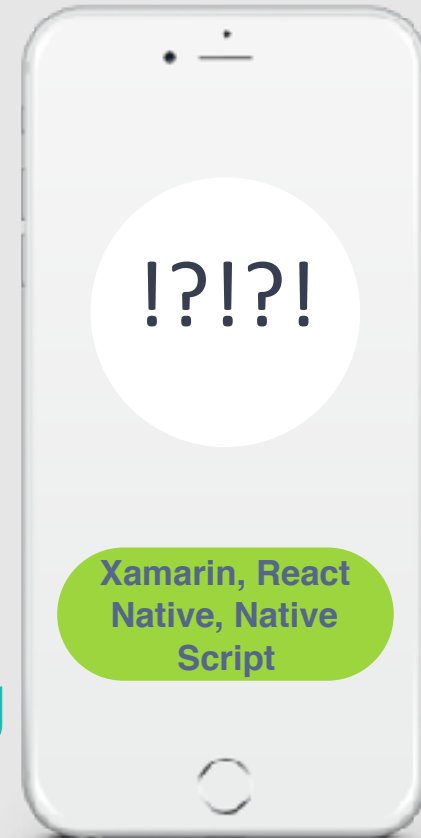
Xamarin, React Native Script

I like new and shiny stuff, man!

☐ .NET ? true : false

☐ React ? true : false

☐ Native Script, Fuse, NextBestThing



Ionic framework

We're awesome, and we're free

1



Open-source front-end SDK



ionic lab



ionic cordova resources



ionic cordova emulate android/ios



ionic cordova build android/ios

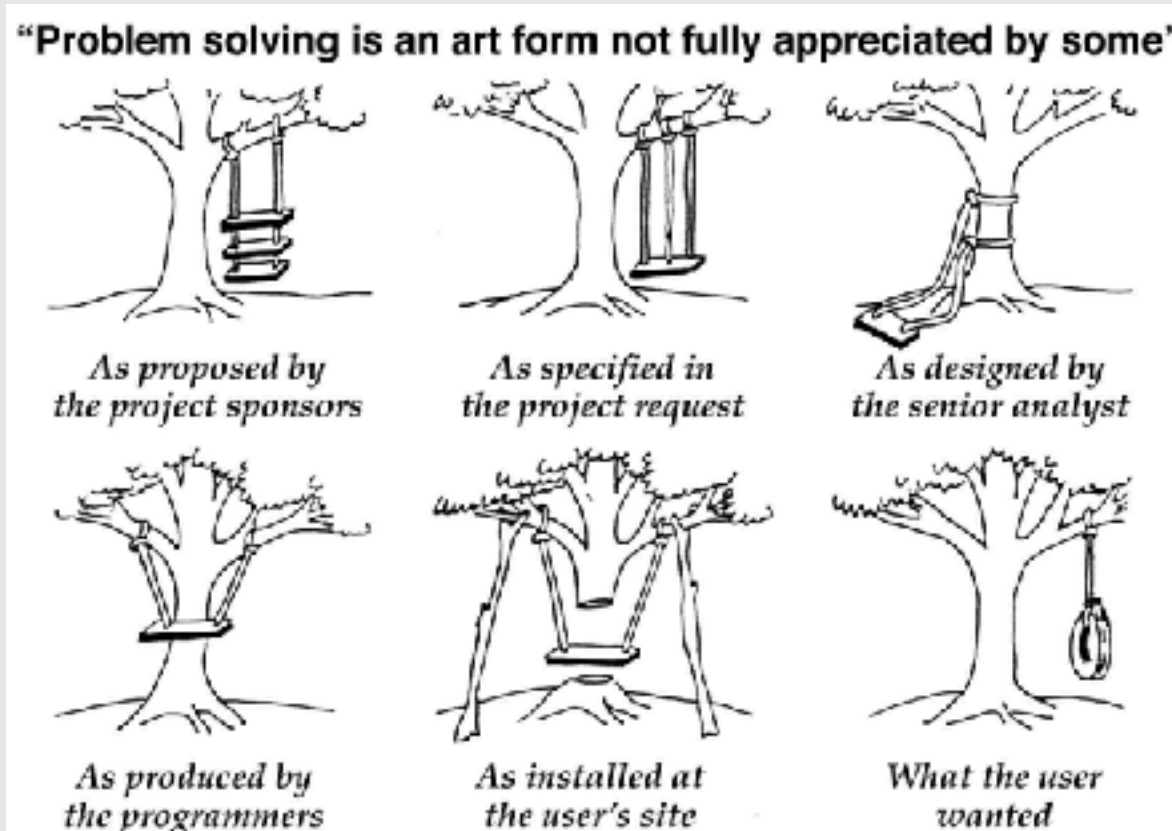


ionic run android/ios

Every project every time

I'll just code now and worry about the domain architecture later, OK?

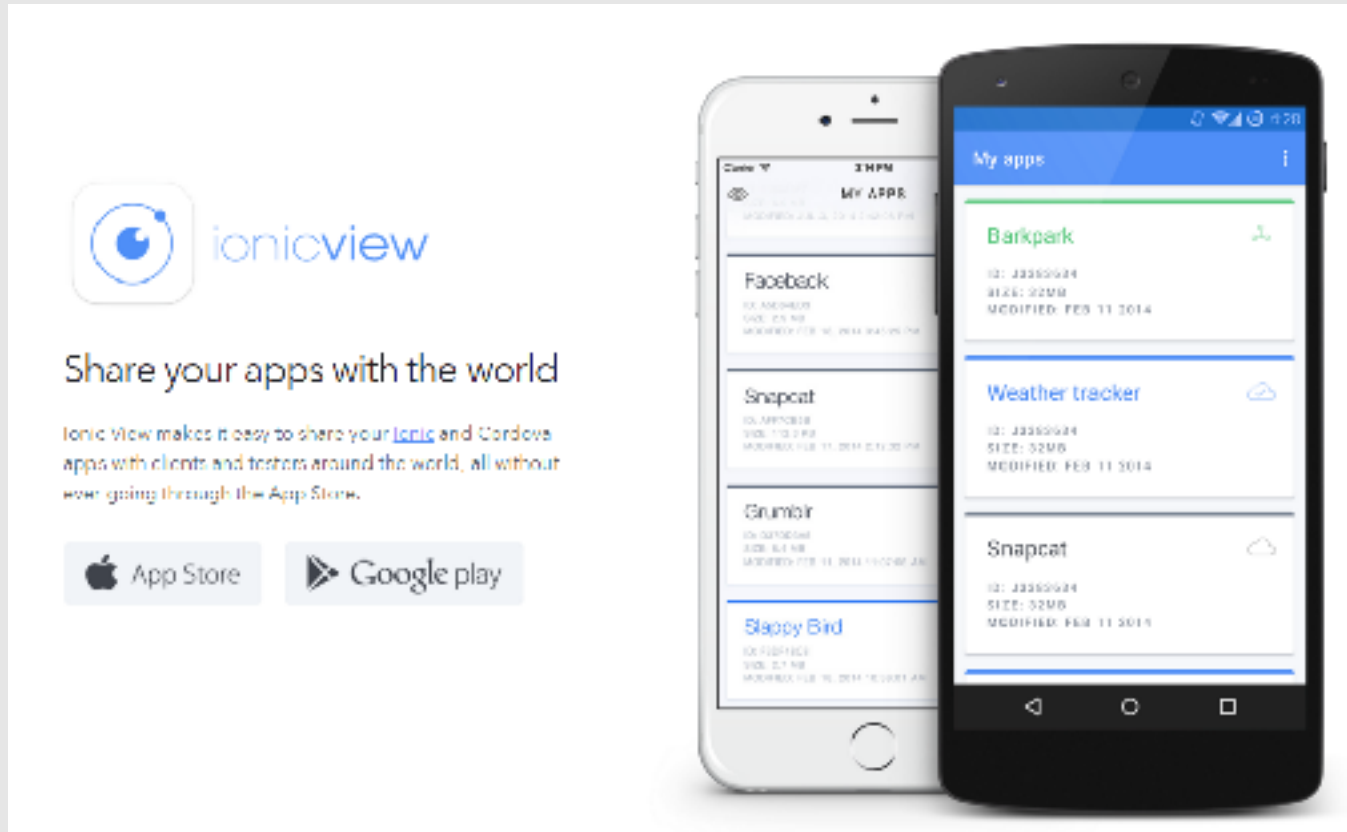
2



ionic upload & Ionic View

Hey you, feedback please

3



ionic.io services

I like this Ionic thingy even more now!

4



Deploy



Creator



Monitor



Package



Market



Auth, Push, ...

4+ million apps

„Get rich or die trying” ~Terrence Howard

6



AT A GLANCE

4 M

IONIC APPS BUILT

- 5 MILLION DEVELOPERS
- 100+ MEETUP GROUPS
- 31,300 GITHUB STARS
- 30,000 S.O. QUESTIONS

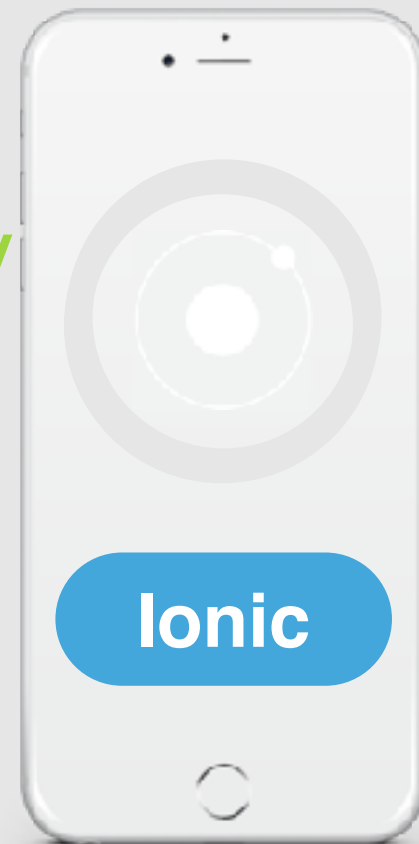
Apache Cordova & Ionic Native

So many tools, so little time...



Ionic Installation

Next, Next, Next, Yes to all malware, Finish



Angular sucks, if only I could use X

I like new and shiny stuff



**The magical, reusable web
component compiler**

GET STARTED

LEARN MORE



Watch launch video

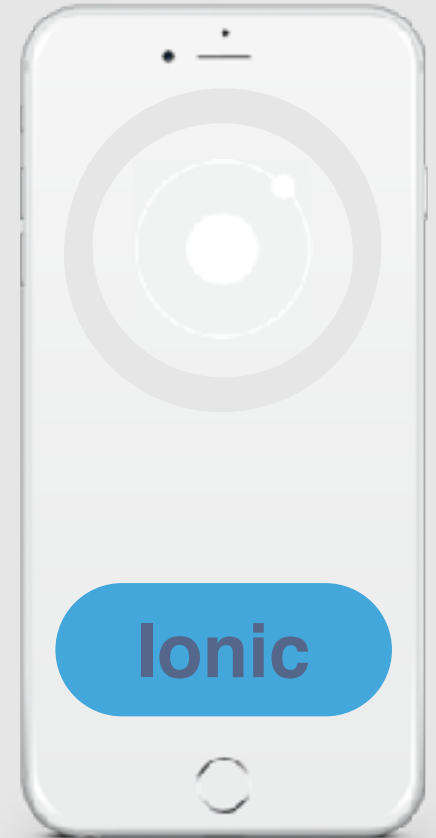


Running a simple **ionic** app

They say a little knowledge is a dangerous thing



ionic start
(ionicMeetup, conference)
ionic lab



NOW YOU DO THE DEMO

You know something is going to go wrong, don't you?

BRACE YOURSELVES

**A LIVE DEMO IS
COMING**

memegenerator.net

B71DBAE6

Where to next?

I like it - I want to learn more!



Joshua Morony joshmorony.com



Simon Reimler devdactic.com



<http://ionicframework.com/docs/>



nikola-breznjak.com/blog/category/javascript/ionic3

I wanna work here!

And you'd love it!



<http://teltech.co/careers>

nikola-breznjak.com

**CAME FOR THE
MEMES**



**LEARNED HOW TO USE IONIC TO BUILD
HYBRID APPS**

memegenerator.net