

# BLEED FOR SPEED

Rapid Prototyping with Django

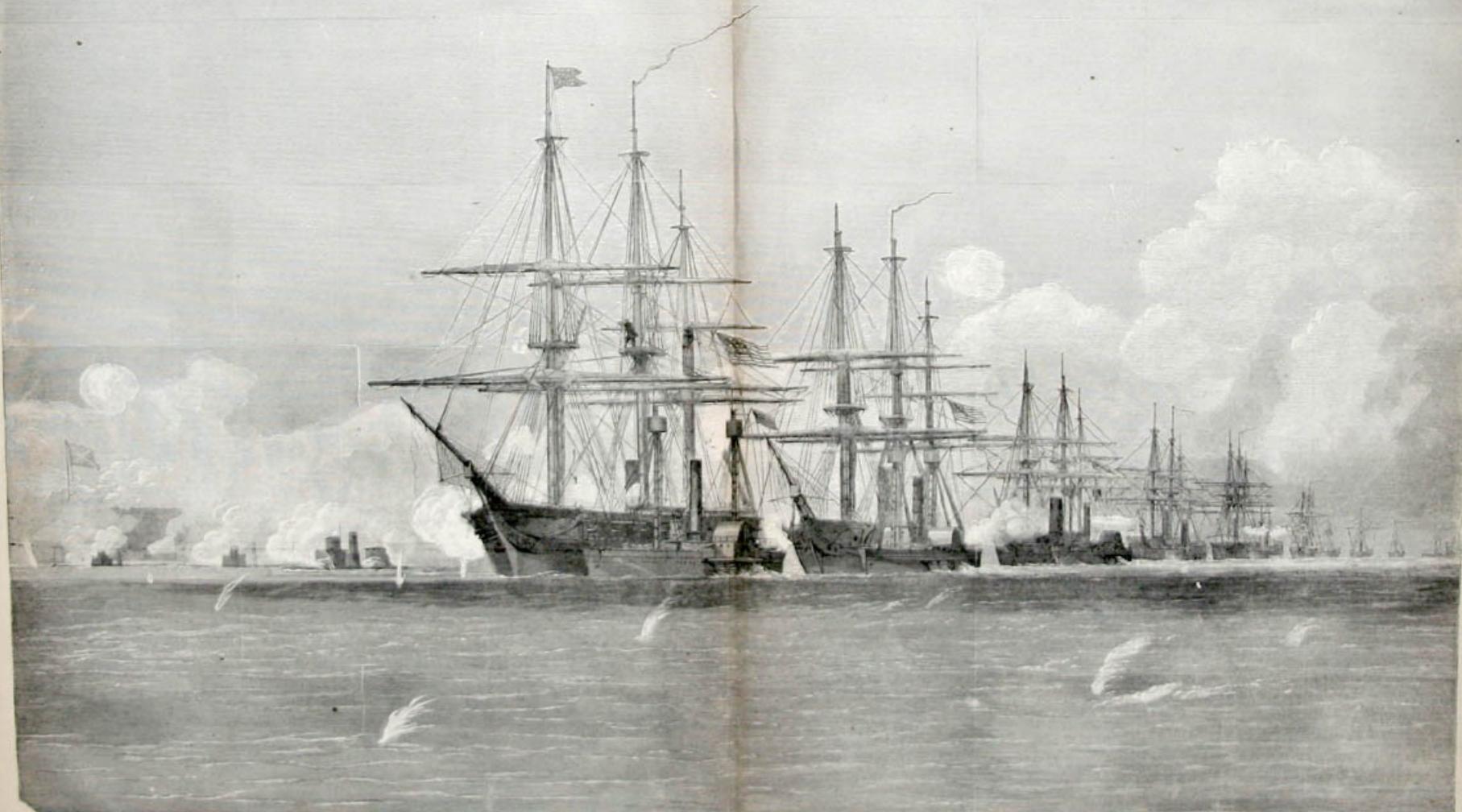
Rob Spectre, Director of Devangelism  
`@dN0t` – `rspectre@twilio.com`



# A LITTLE HISTORY

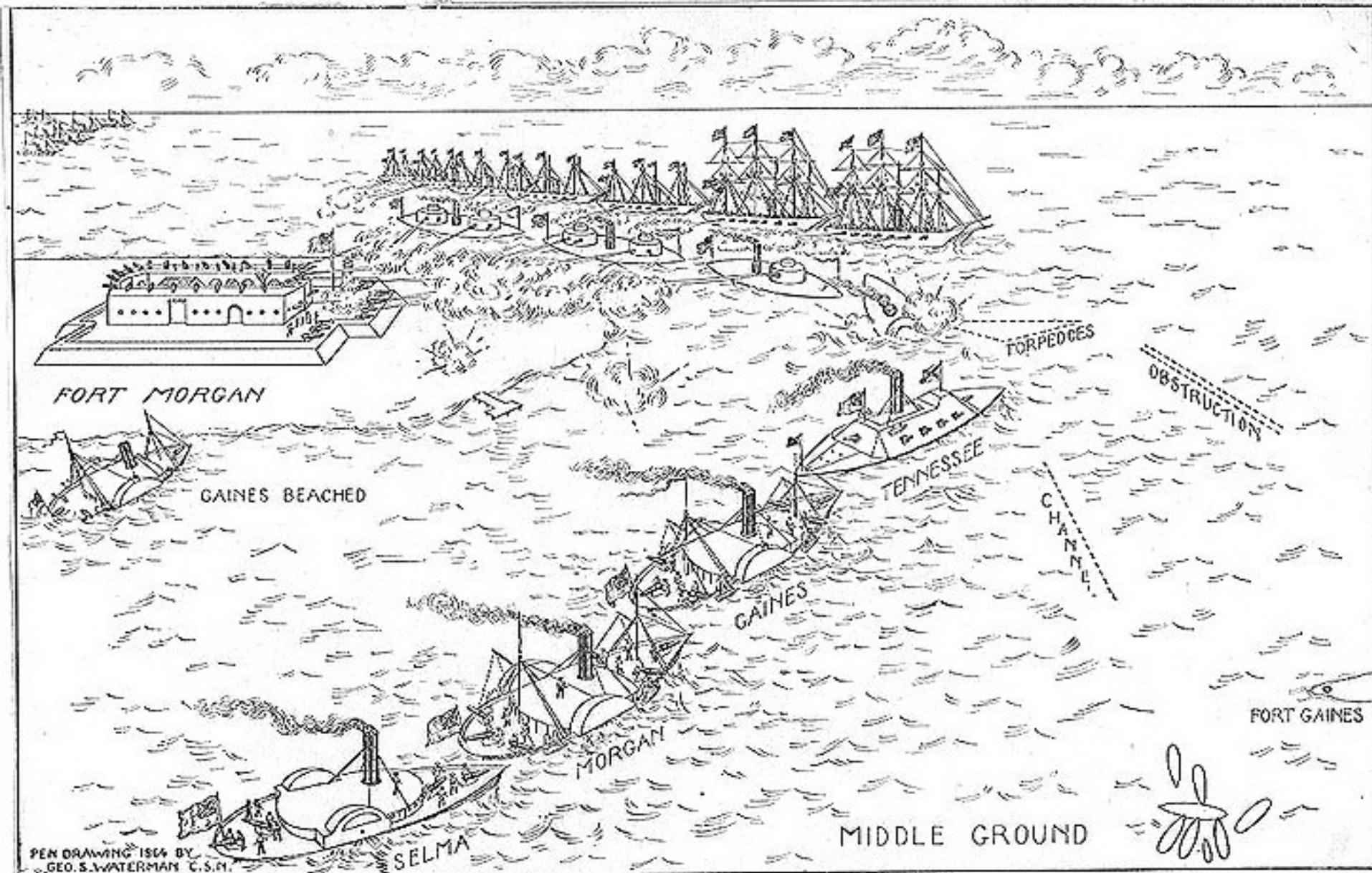


# MOBILE BAY

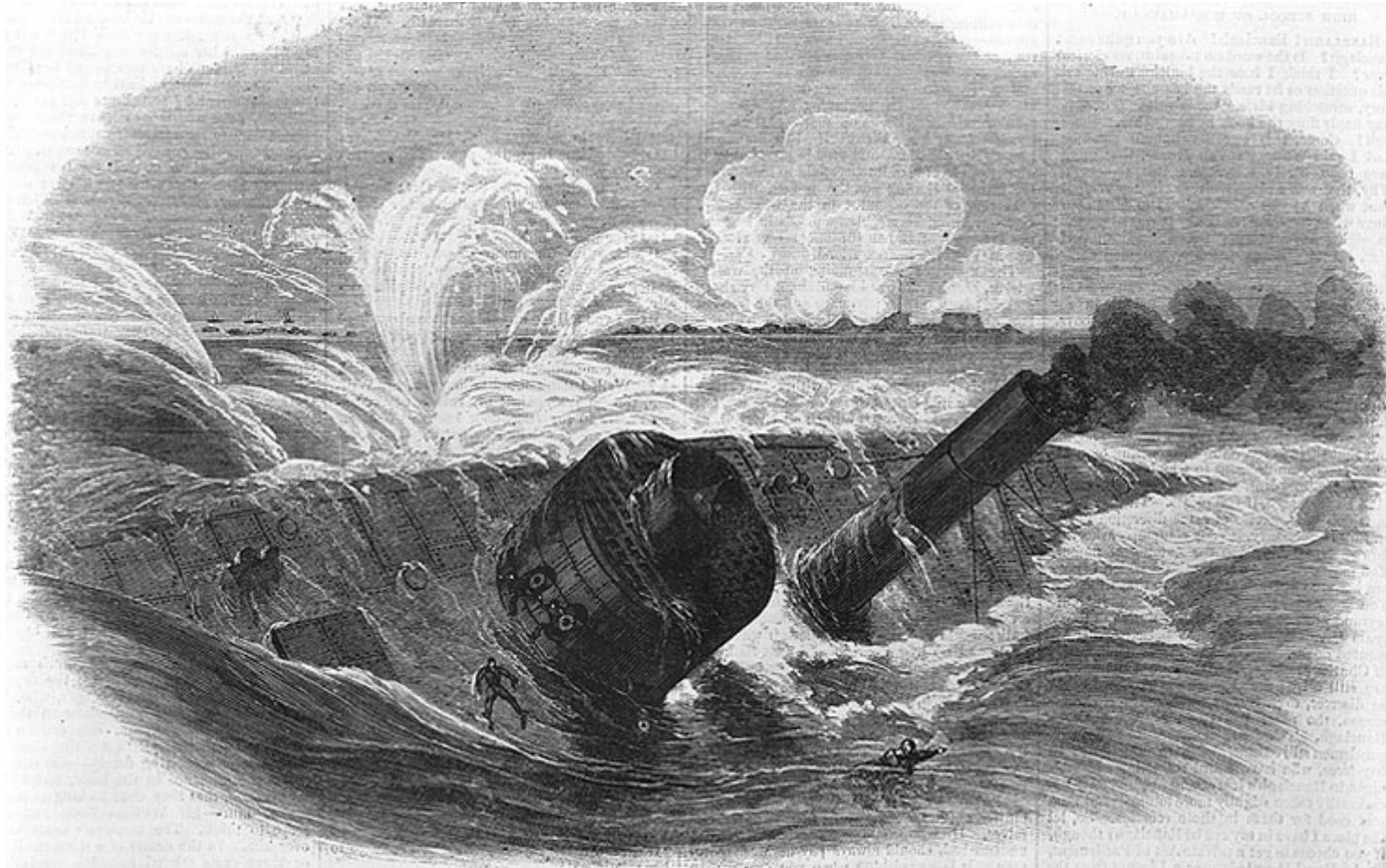


FARRAGUT'S FLEET PASSING THE FORTS AND OBSTRUCTIONS AT THE ENTRANCE OF MOBILE BAY, AUGUST 5, 1864.

**FOR REAL THEY HAD BOATS**



# A SIMPLE JOB



**WHOOPSIE DOODLE**



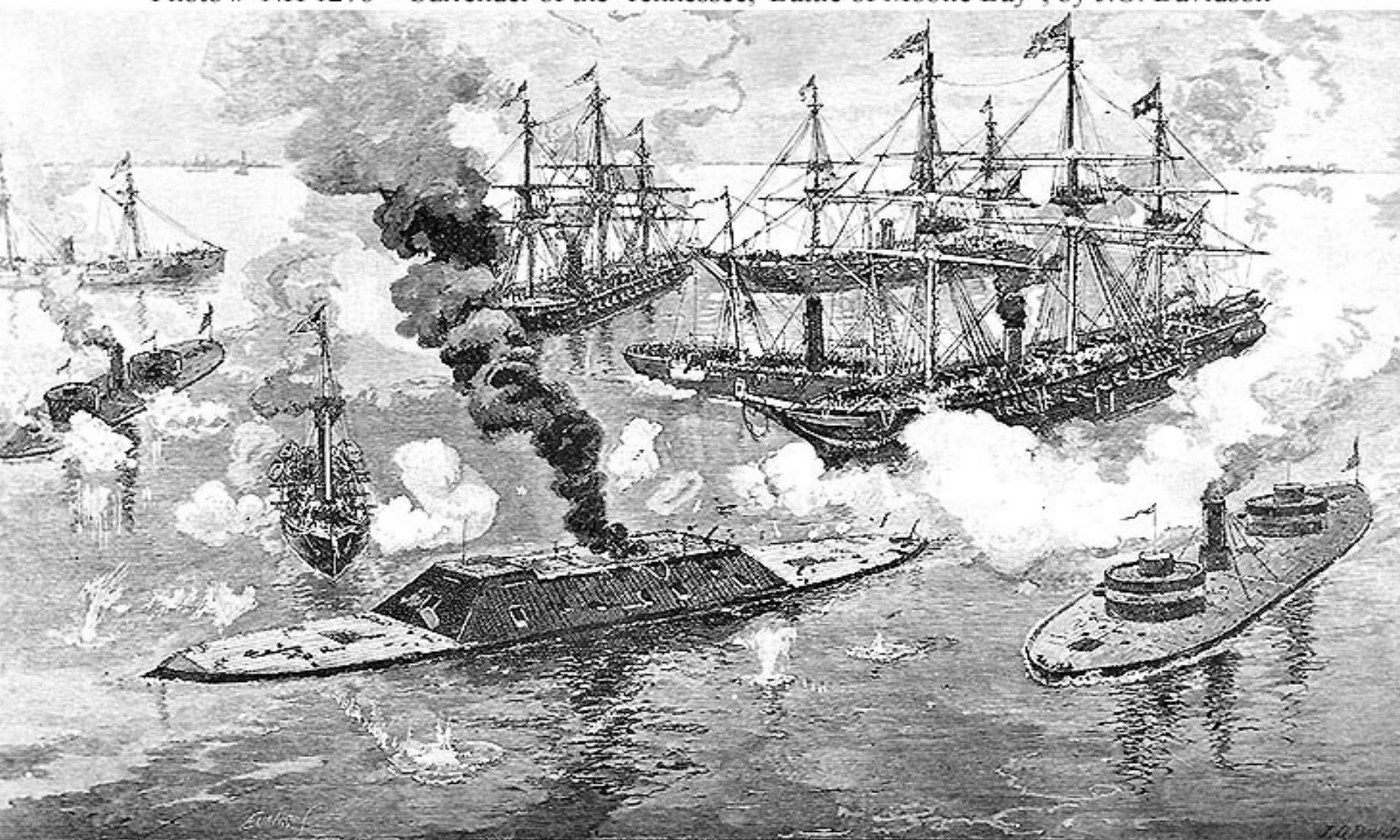
**FRUMPY AND GRUMPY**



**PORKCHOP SANDWICHES**



**LISTEN TO GRANDDAD**



LACKAWANNA,  
WINNEBAGO,

"OSSIEPEE."

"BROOKLYN,"  
"TENNESSEE."

"ITASCA,"

"RICHMOND,"

"HARTFORD,"

"CHICKASAW,"  
"PORT MORGAN,"

SURRENDER OF THE "TENNESSEE," BATTLE OF MOBILE BAY.

PWN3T

# BUT ROB



I THOUGHT I WAS AT A DJANGO  
CONFERENCE?

memegenerator.net

# WHAT'S YOUR POINT?

O HAI



**twilio**  
CLOUD COMMUNICATIONS

**RING A DING**



# WELCOME HOME



Thereifixedit.com

**24 HOUR PROTOTYPE**



# PRODUCTION



**PROTOTYPE**



**THROWAWAY THAT CODE**



# PRODUCTION

# **HEY BUDDY**



**STILL WAITING ON THAT  
DJANGO**

memegenerator.net

# **GLIDE PATH TO RELEVANCY**

MARVEL  
2.com

# WOLVERINE

THE BEST THERE IS

PARENTAL  
ADVISORY!  
NOT FOR KIDS!

BOLD CLAIM

**BECAUSE REASONS**



**DJANGO WAS BUILT FOR THIS**



**DJANGO WAS BUILT TO BEND**

**YOU**

**BOTTOM LINE**

# **SO NOW**



**I CAN HAVE SOME  
DJANGO?**

memogenerator.net

# **DJANGO TIME**

# DEVELOPMENT



# TWO SCOOOPS *of* **django**

BEST PRACTICES  
*for* DJANGO 1.5

BY DANIEL GREENFELD  
AND AUDREY ROY

**TWO SCOOOPS TASTY**



**FOREMAN ALSO TASTY**



**FINALLY STAR WARS**



@PHOTO

I SEE WHAT YOU DID THERE



**FINALLY METAL**

```
# settings.py

STATICFILES_FINDERS = (
    'django.contrib.staticfiles.finders.FileSystemFinder',
    'django.contrib.staticfiles.finders.AppDirectoriesFinder'
)
```

**STATICS MADE EASY**

# JUST ADD BRUNCH

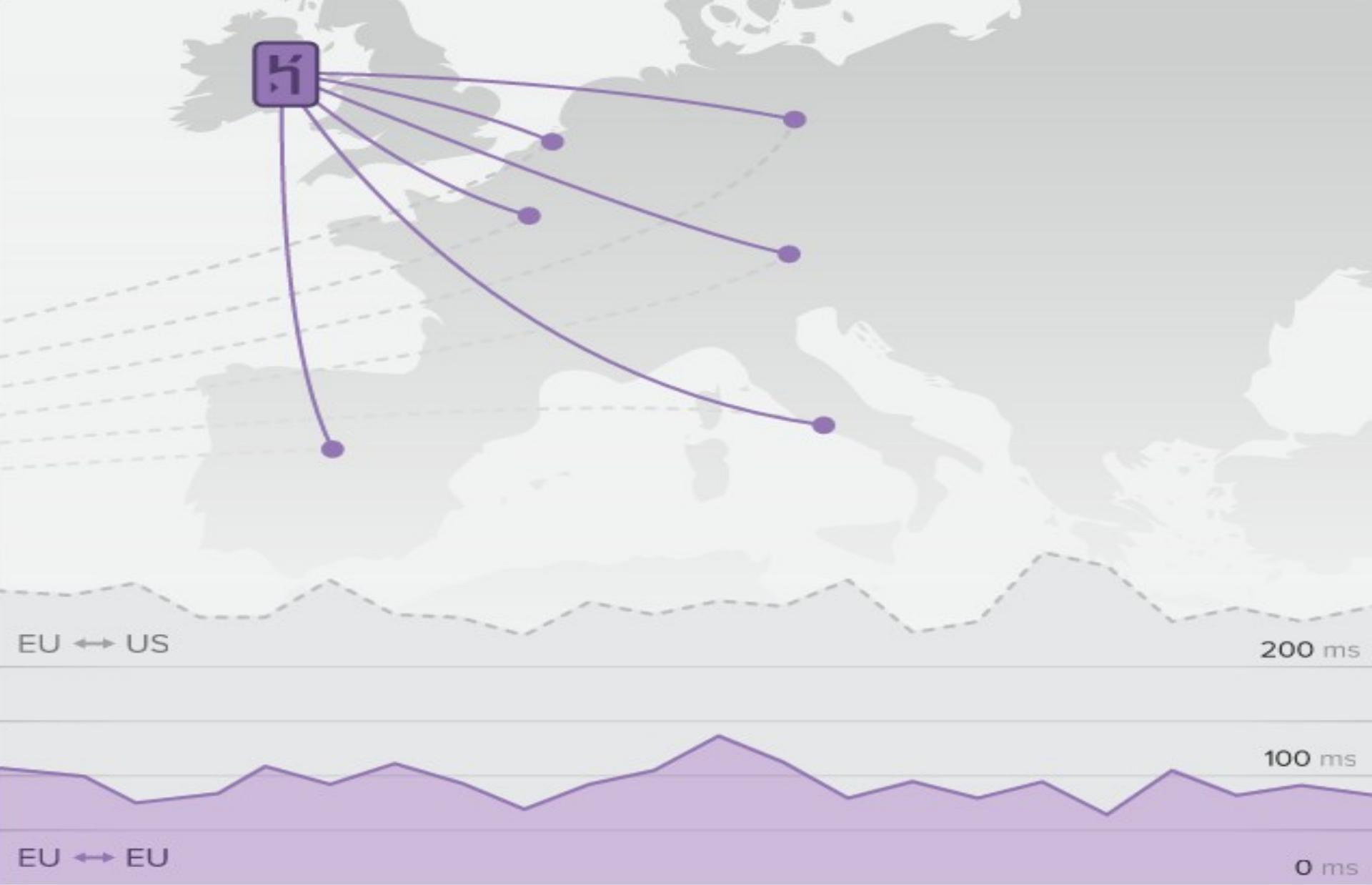
**BREAKFAST ALL DAY**

<b>BLUE PLATE</b> 6.25	<b>BUILD YOUR OWN BISCUIT</b>
two eggs*, bacon, choice of bacon, ham, turkey sausage (or vegetarian sausage, add \$1) and choice of mashed garlic grits or sautéed potatoes	BISCUIT ADD BACON, HAM OR TURKEY SAUSAGE 1.25 ADD VEGETARIAN SAUSAGE 2.25 ADD CHEDDAR CHEESE 50¢ ADD EGG 1.00
<b>TOFU SCRAMBLE</b> 8.00	omelet
baked tofu mixed with vegetables, ketchup, spinach, mushrooms, onions, peppers, with choice of mashed garlic grits or skillet potatoes (add \$1 to wrap it in a whole wheat tortilla)	3 eggs, biscuits, choice of mashed garlic grits or sautéed potatoes 6.00 ADD BACON, HAM OR TURKEY SAUSAGE 1.25 ADD VEGETARIAN SAUSAGE 2.25 ADD CHEDDAR CHEESE 50¢ ADD OTHER CHEESE EACH 1.00 ADD VEGGIES mushrooms, onions, bell peppers, tomatoes, spinach
<b>GEORGIA BENEDICT</b> 8.70	<b>OMELET</b> 7.50
turkey sausage, poached eggs*, turkey classic gravy over biscuit with choice of mashed garlic grits or skillet potatoes	Belgian waffle 4.50
<b>WESTSIDE PILEUP</b> 8.50	old fashioned oatmeal 5.75
skillet potatoes topped with onions, peppers, cheddar cheese, bacon, choice of eggs	topped with banana slices, raisins, brown sugar, cinnamon, honey, yogurt & honey 5.75
<b>RED GREENATO WRAP</b> 7.95	
red bell pepper, green bell pepper, onions, scrambled eggs, cheddar cheese, arugula, dijon mustard, whole wheat tortilla with choice of mashed garlic grits or skillet potatoes	
<b>BLACK BEAN CAKES &amp; EGGS</b> 7.50	
two eggs*, chipotle salsa, sour cream, rice & beans (or spicy bean cakes) with choice of mashed garlic grits or sautéed potatoes	
<b>BUTTERMILK PANCAKES</b> 6.25	<b>SIDES</b>
with syrup and spiced honey butter (add chocolate syrup \$1)	ROASTED GARLIC GRTS / SKILLET POTATOES 1.75 MASHED POTATOES / TURKEY SAUSAGE 1.95 TURKEY SAUSAGE GRVY 1.75 VEGETARIAN SAUSAGE 2.95 BISCUIT & TOAST / ENGLISH MUFFIN 1.25 BISCUIT & GRAVY 3.00 SOUP 2.50 / 3.50 MIXED GREENS 1.95 BLACK BEAN CAKES 2.95 FRIED GREEN TOMATOES 2.95 SCOOOPS hummus, deviled egg salad, country captain chicken salad 3.95 SOUR CREAM 75¢ SALSA 50¢
<b>PIMENTO CHEESE &amp; BACON OMELET</b> 8.50	
biscuit, choice of mashed garlic grits or sautéed potatoes	

**BRUNCH**

<b>BANANA BREAD FRENCH TOAST</b> 7.95	<b>PEACHTREE PLATE</b> 6.50
with caramel banana sauce	Belgian waffles any style*, brown sugar bacon, pineapples, cheese grits, fresh green tomatoes, bacon
<b>BAGEL &amp; LOX</b> 9.95	<b>SALMON CAKES BENEDICT</b> 9.95
toasted sesame seed bagel, smoked salmon, cream cheese, tomato, red onion, capers	pan-fried eggs*, lemon sugar hollandaise, on salmon cakes with roasted garlic grits or sautéed potatoes
<b>CHALLAH FRENCH TOAST</b> 7.95	<b>CLASSIC EGGS BENEDICT</b> 9.25
topped with challah bread	pan-fried eggs*, bacon, hollandaise, on english muffin with melted garlic grits or sautéed potatoes
<b>HUEVOS TEJANOS</b> 7.95	<b>WILTED SPINACH SALAD</b> 9.25
eggs serrano, cheese, onions, beans, cilantro, salsa, eggs benedict with melted garlic grits or sautéed potatoes	with butter beans, bacon, goat cheese, warm bacon dressing, topped with two over medium eggs*
<b>SANDWICHES</b> 8.00	
<b>WESTSIDE TURKEY CLUB</b> 8.00	
sweet tea, sliced turkey breast, bacon, swiss cheese, cranberry & dijon mustard, mayonnaise, field greens, tomato, on whole wheat bread	
<b>BURGER</b> 8.00	
4 oz all natural patties, american cheese, house pickles, lettuce (add black bean burger, no charge)	
<b>"PB&amp;J" BURGER</b> 9.25	
grilled peanut butter, bacon, tomato jam, double burger	
<b>BRUNCH BURGER</b> 9.25	
double burger, hollandaise, fried egg	

# DEPLOYMENT



# NEW TO THE CONTINENT



**SECRET INGREDIENT IS CM**



**HAMFISTED VISUAL AIDE**

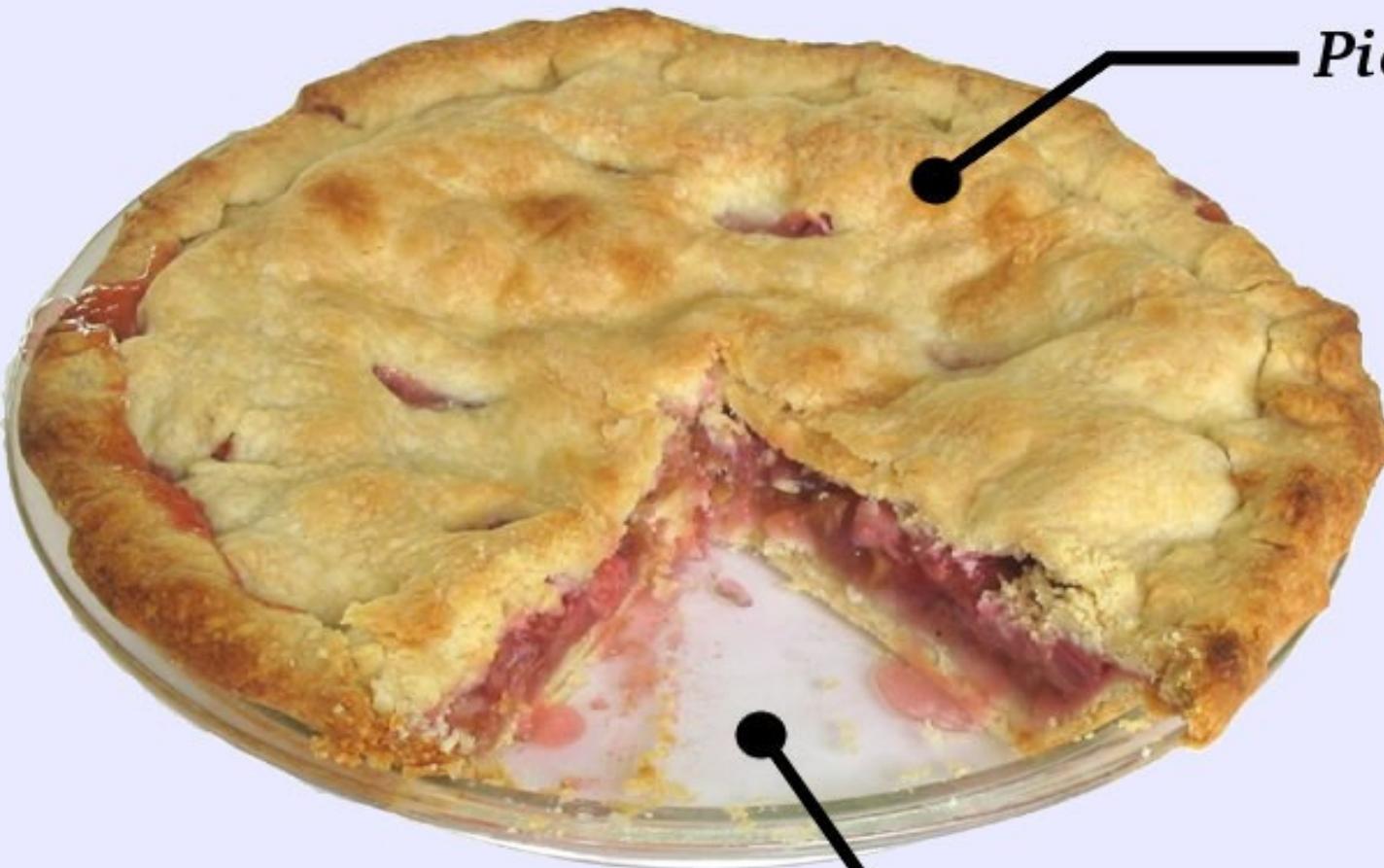


'MERICA

# API TIME



**HAVE A REST**



# *A Pie Chart*

*By Thomas Woolley*

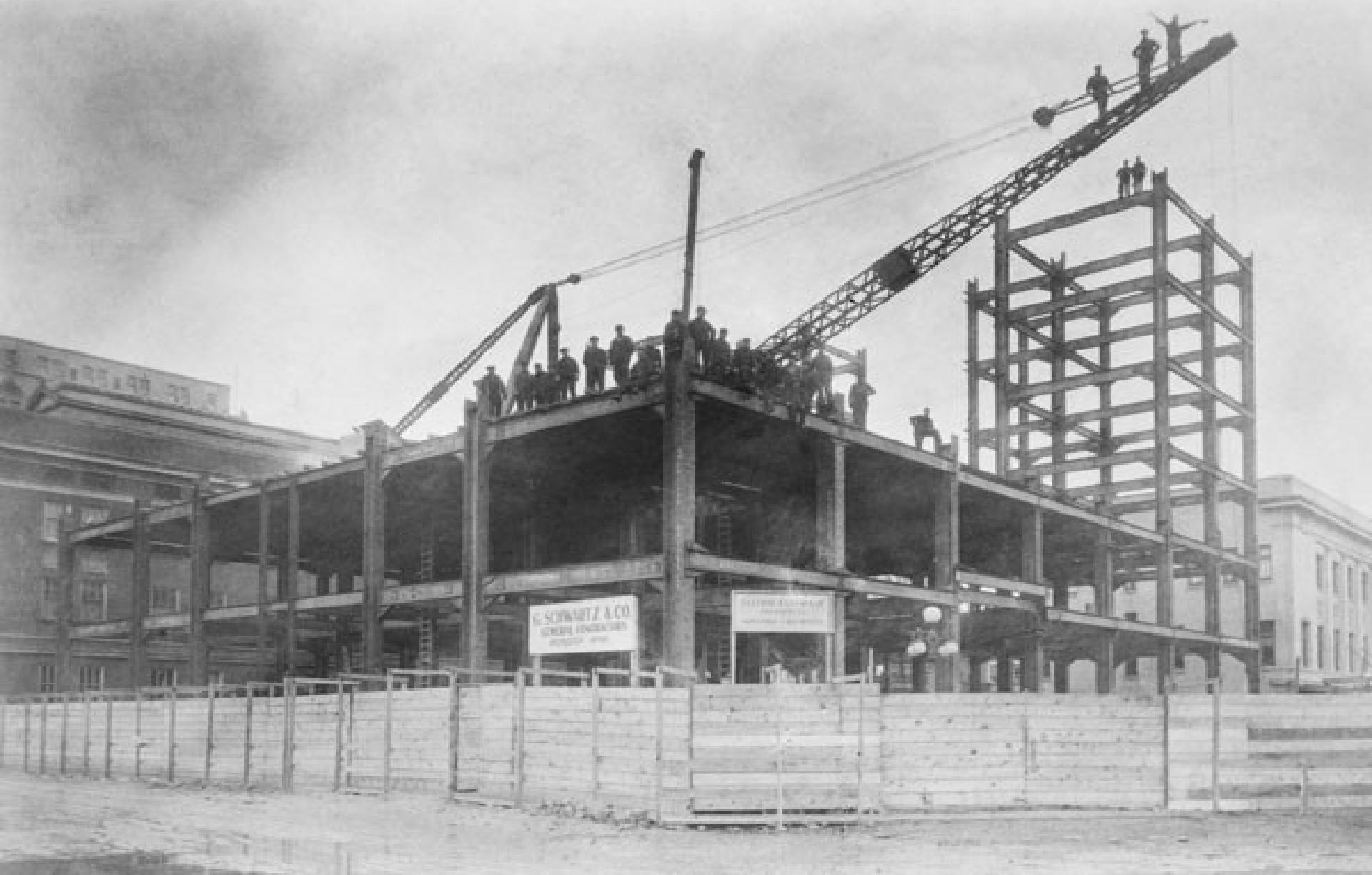
**TASTYPIE**



**NICE GUY**



**TIGHTLY COUPLED**



# DJANGO REST FRAMEWORK

## User List

OPTIONS GET

API endpoint that represents a list of users.

GET /users/

```
HTTP 200 OK
Vary: Accept
Content-Type: text/html
Allow: GET, POST, HEAD, OPTIONS

{
    "count": 2,
    "next": null,
    "previous": null,
    "results": [
        {
            "email": "admin@example.com",
            "groups": [],
            "url": "http://127.0.0.1:8000/users/1/",
            "username": "admin"
        },
        {
            "email": "tom@example.com",
            "groups": [],
            "url": "http://127.0.0.1:8000/users/2/",
            "username": "tom"
        }
    ]
}
```

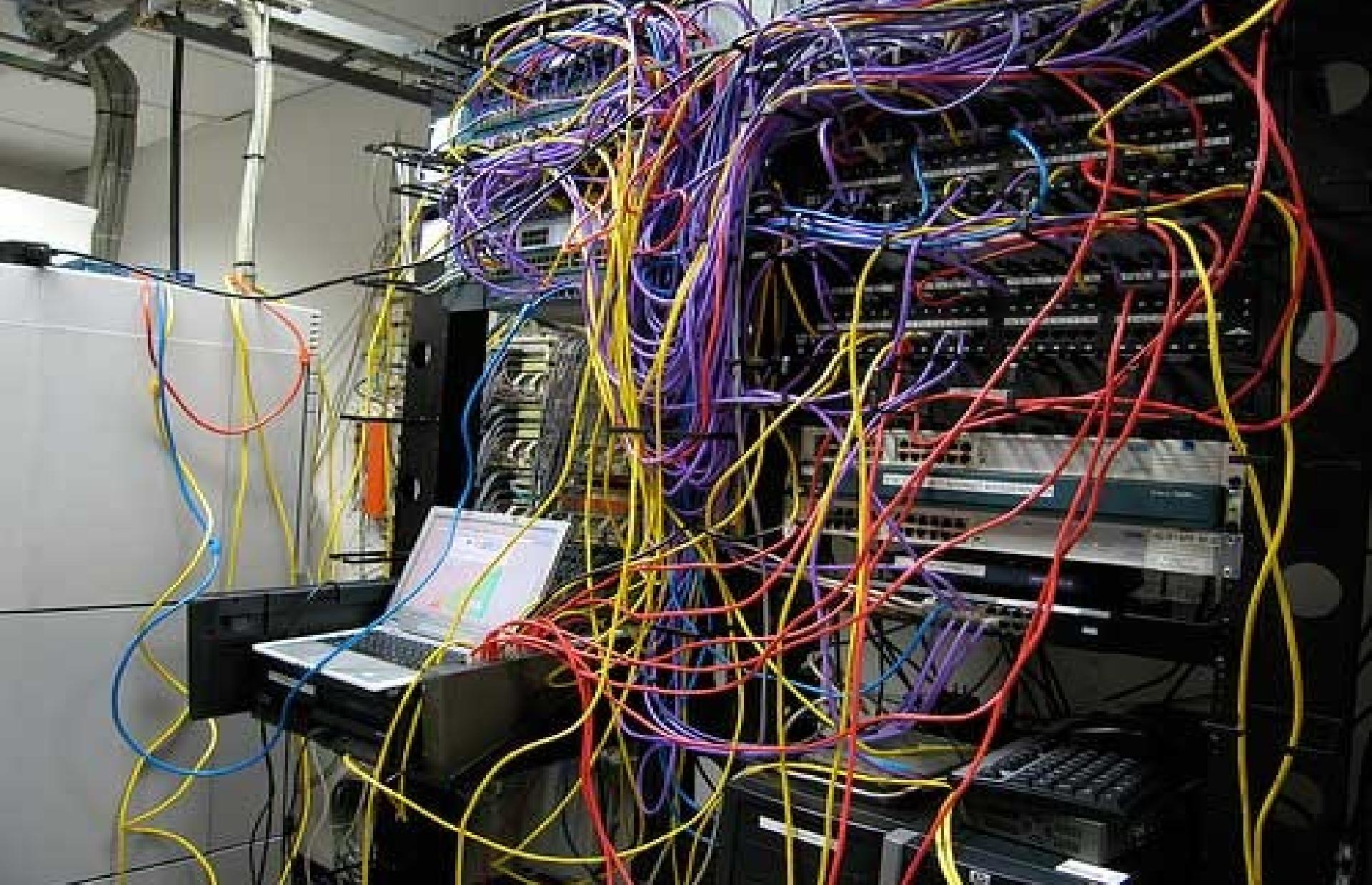
Username	<input type="text"/>
Email	<input type="text"/>
Groups	<input type="text"/>

# EASILY BROWSEABLE



**NICE FEET**

# SOCIAL AUTH



**GOOD LUCK**

# django-social-login

# django-socialprofile

# django-socialregistration

# django-connect

# django-le-social

# django-socialauth

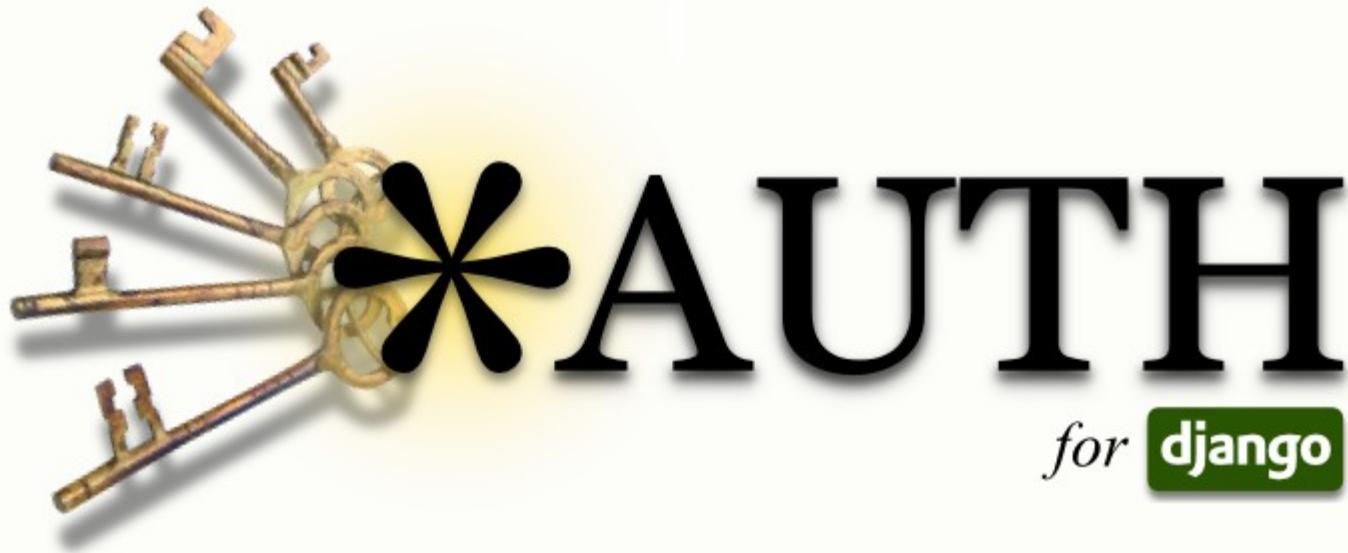
# django-social-auth



I AM CONFUSED

```
AUTHENTICATION_BACKENDS = (
    'social_auth.backends.twitter.TwitterBackend',
    'social_auth.backends.facebook.FacebookBackend',
    'social_auth.backends.google.GoogleOAuthBackend',
    'social_auth.backends.google.GoogleOAuth2Backend',
    'social_auth.backends.google.GoogleBackend',
    'social_auth.backends.yahoo.YahooBackend',
    'social_auth.backends.browserid.BrowserIDBackend',
    'social_auth.backends.contrib.linkedin.LinkedinBackend',
    'social_auth.backends.contrib.disqus.DisqusBackend',
    'social_auth.backends.contrib.livejournal.LiveJournalBackend',
    'social_auth.backends.contrib.orkut.OrkutBackend',
    'social_auth.backends.contrib.foursquare.FoursquareBackend',
    'social_auth.backends.contrib.github.GithubBackend',
    'social_auth.backends.contrib.vk.VKOAuth2Backend',
    'social_auth.backends.contrib.live.LiveBackend',
    'social_auth.backends.contrib.skyrock.SkyrockBackend',
    'social_auth.backends.contrib.yahoo.YahooOAuthBackend',
    'social_auth.backends.contrib.readability.ReadabilityBackend',
    'social_auth.backends.contrib.fedora.FedoraBackend',
    'social_auth.backends.OpenIDBackend',
    'django.contrib.auth.backends.ModelBackend',
)
```

# DJANGO-SOCIAL-AUTH



**DJANGO-ALLAUTH**

**SOUTH**

A person is performing a skateboard trick on a paved surface. They are wearing a white tank top, green camouflage shorts, and a black t-shirt underneath. They are also wearing white sneakers and purple knee pads. The person is in mid-air, having just lost balance or control of the skateboard, which is positioned horizontally below them. The background shows a grassy area and some trees.

FAIL

EPIC FAIL .com

RAILER

# CELERY



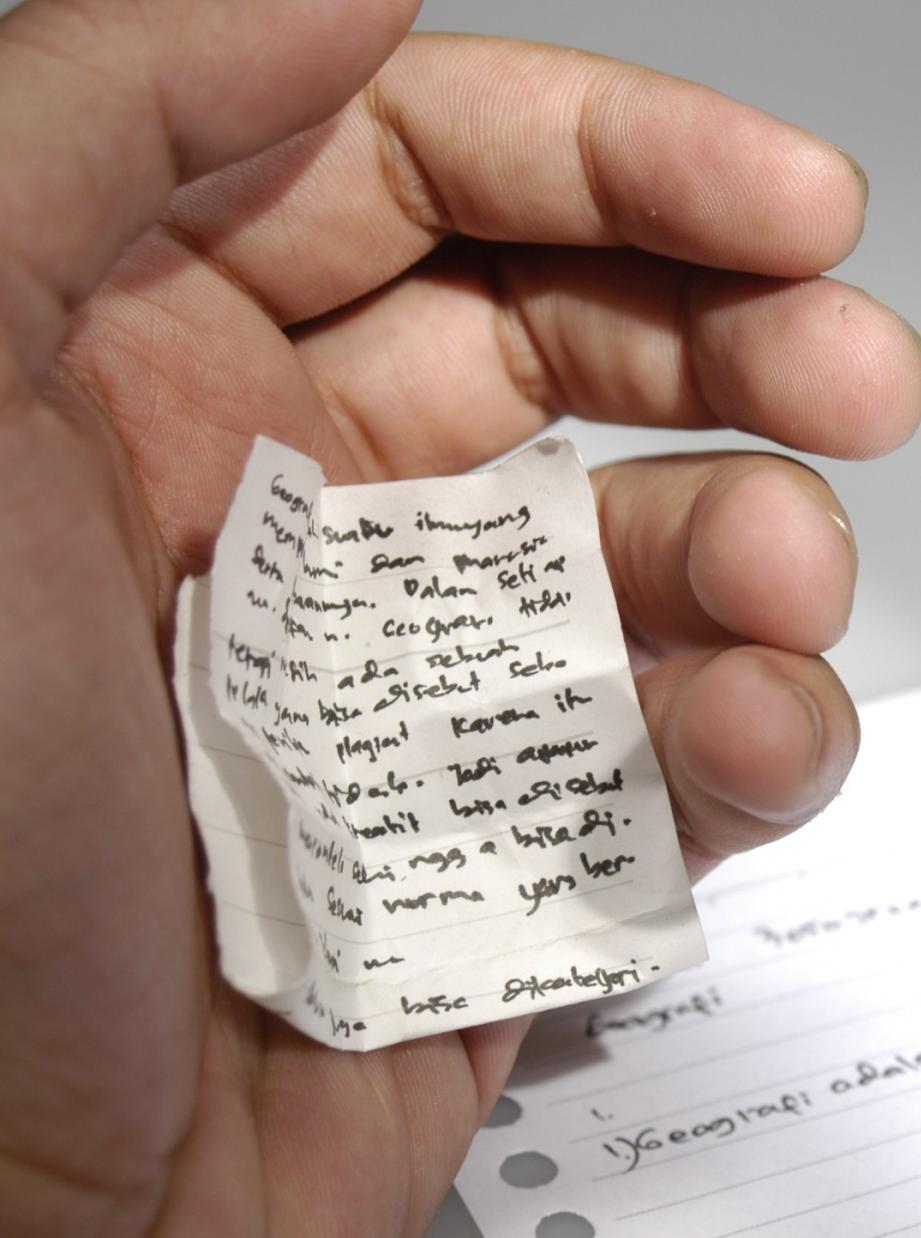
joe-ks.com

**UNFAIR ADVANTAGE**



# DAUNTING CHALLENGE

# DAUNTING CHALLENGE

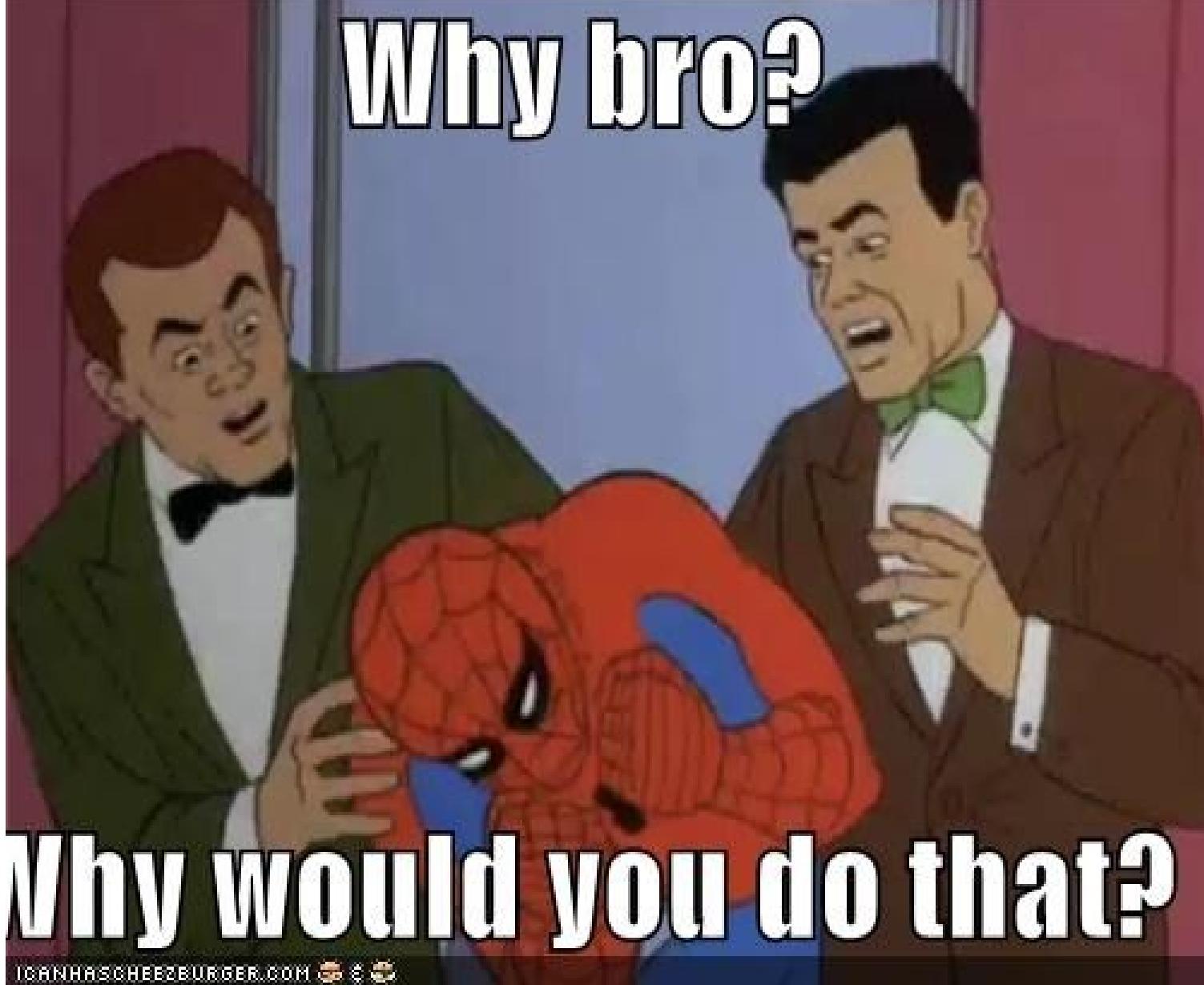




**SWEDISH FTW**

# TESTING

**Why bro?**



**Why would you do that?**

ICANHASCHEEZBURGER.COM

**WHY?**

# Why?



why would you do that?

ICANHASCHEEZBURGER.COM

**WHY NOT?**



MORE THAN NOSE

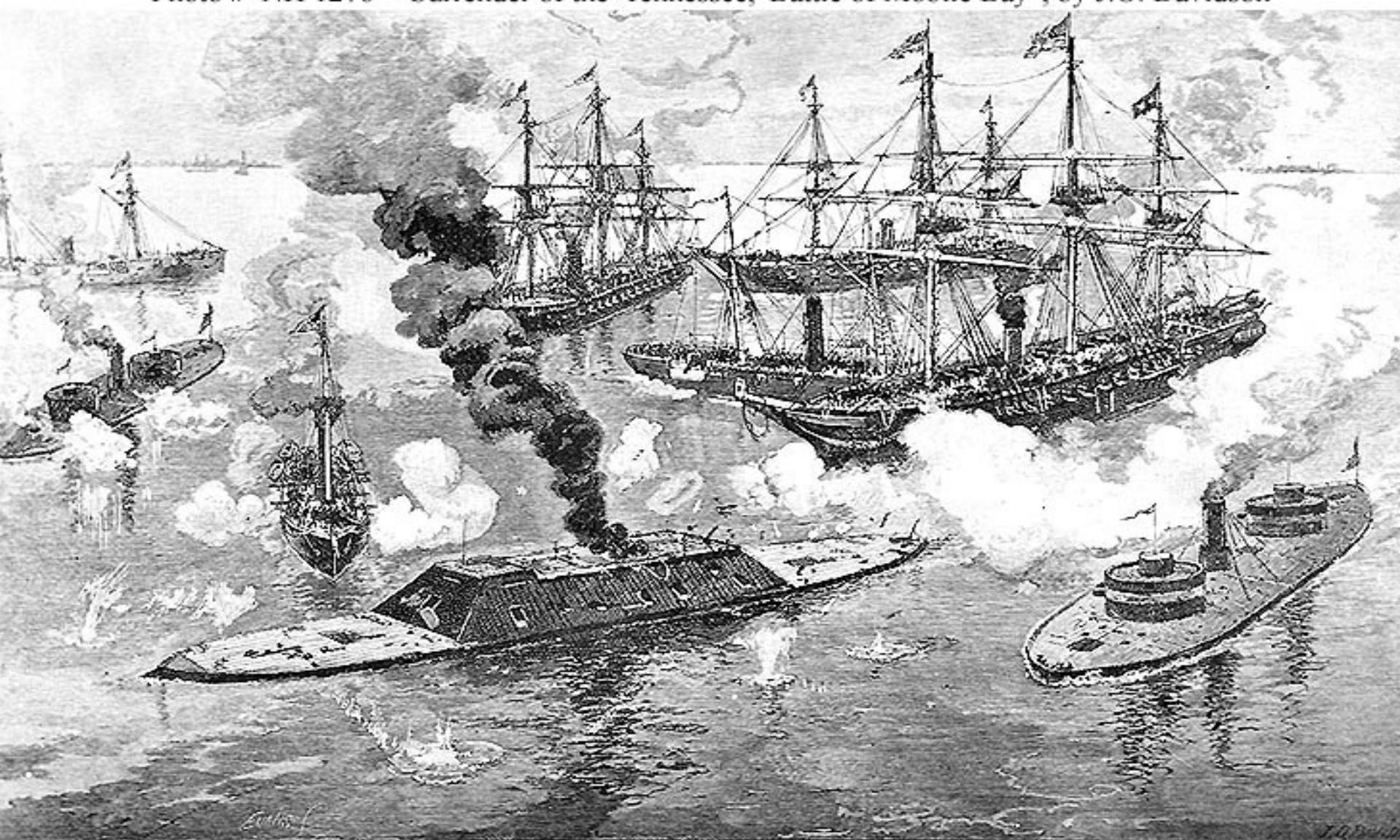


**BUNDLED WITH ANGULAR**

# CONCLUSIONS



**LET US LEARN**



LACKAWANNA,  
"WINNEBAGO,"

"OSPIPEE,"

"BROOKLYN,"  
"TENNESSEE,"

"ITASCA,"

"RICHMOND,"

"HARTFORD,"

"CHICKASAW,"  
"PORT MORGAN,"

SURRENDER OF THE "TENNESSEE," BATTLE OF MOBILE BAY.

MADE OF WIN



**NUMBER ONE**

**YOU**

# THANK YOU

[Github.com/RobSpectre/Talks](https://github.com/RobSpectre/Talks)

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