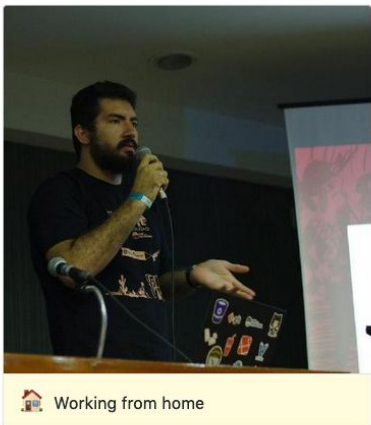


Desenvolvendo aplicações mais seguras com JWT





Vidal Vasconcelos

vidalvasconcelos

 Developer Program Member

Software Developer, Consultant at
@covalentteam, Nerd and Podcast
Addict.

 @covalentteam

 Brazil

 Sign in to view email

 <https://medium.com/@vidalvasconce...>

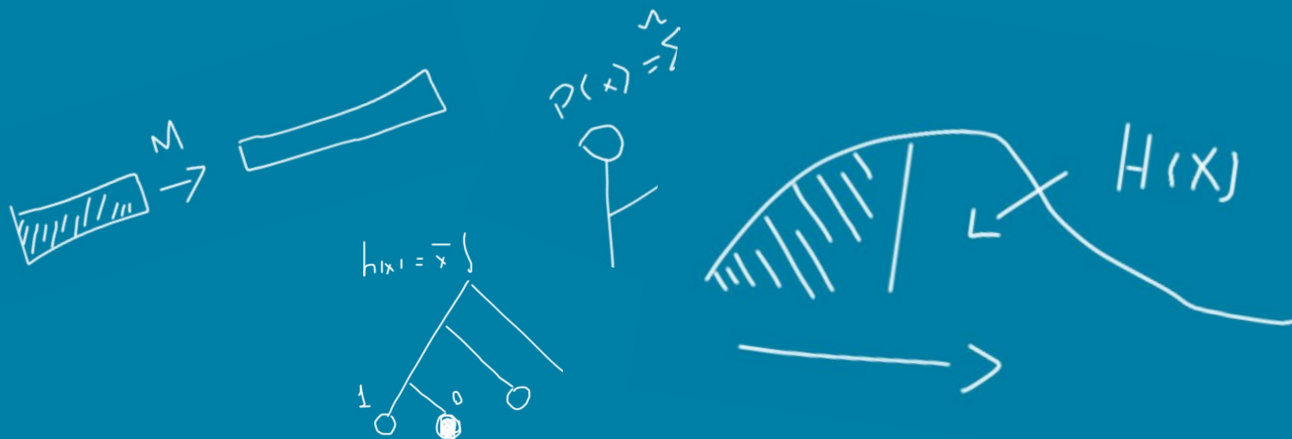
Block or report user

Organizations

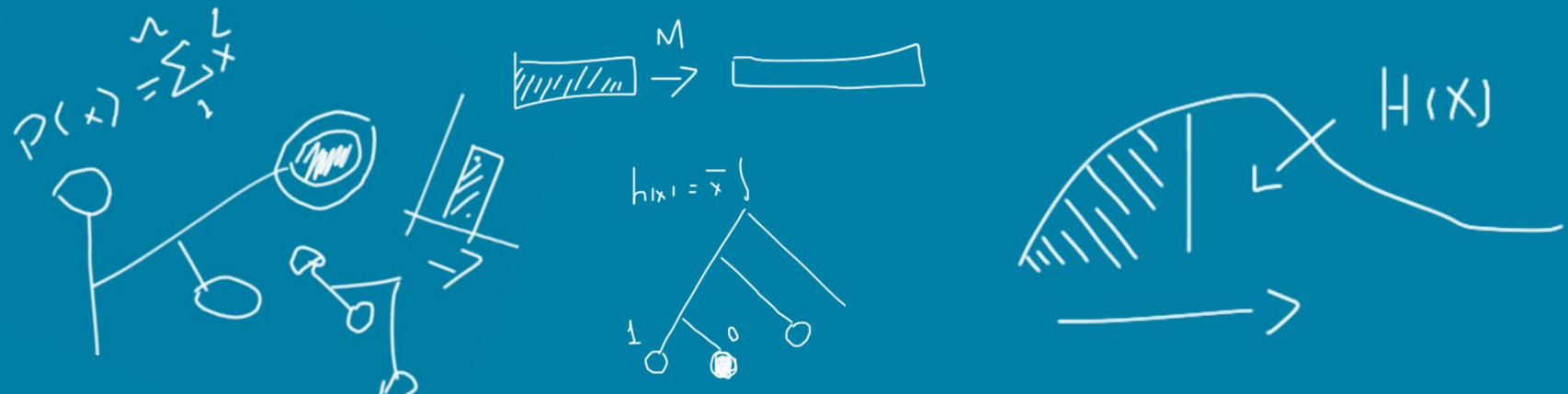


Bio

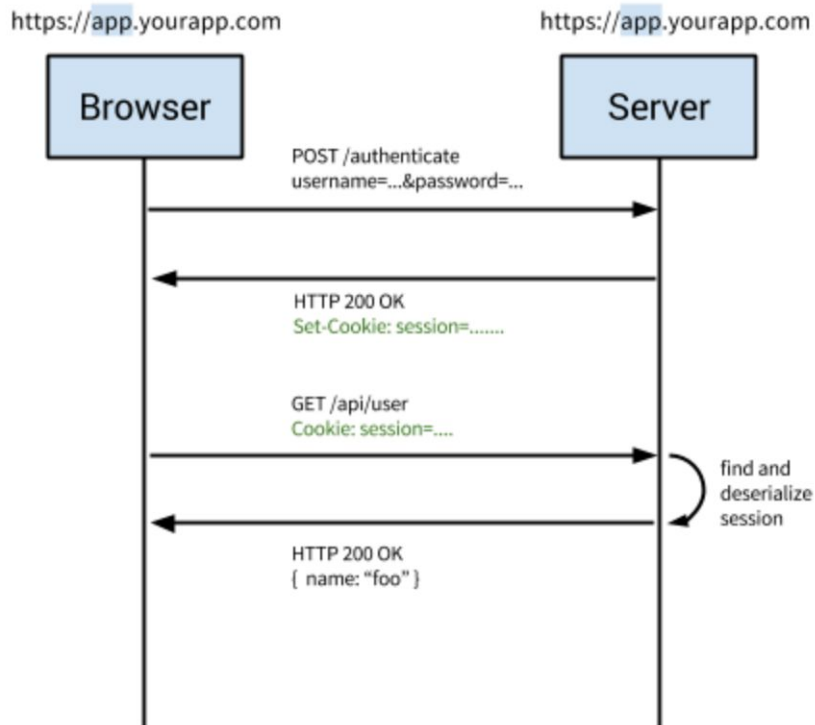
25, Software Developer, since 2012 developing many web applications of small and medium size, using PHP as a main language in projects for companies such as startup and advertising agencies, has also contributed with open source communities such as Sobral Developer Group, PHP com Rapadura, Laravel São Paulo and Laravel Brasil and has given talks about: Functional Programming in PHP, Apps more securely with JSON Web Token, encouraging the dev culture through Coding dojo's, Meetups and helping in artwork.



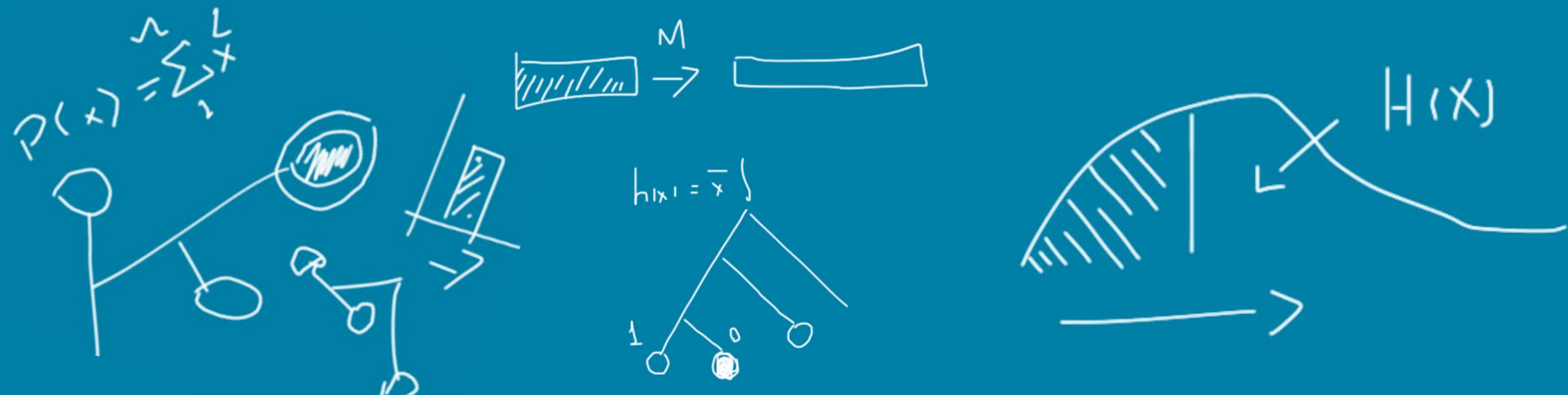
Authentication



Traditional Cookie-Based Auth



Uma breve introdução sobre Teoria da informação



Uma história, uma Teoria, uma Enxurrada.

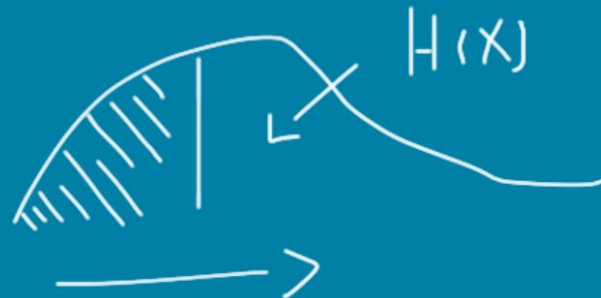
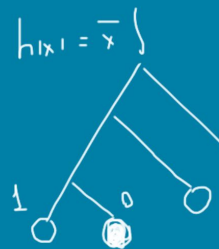
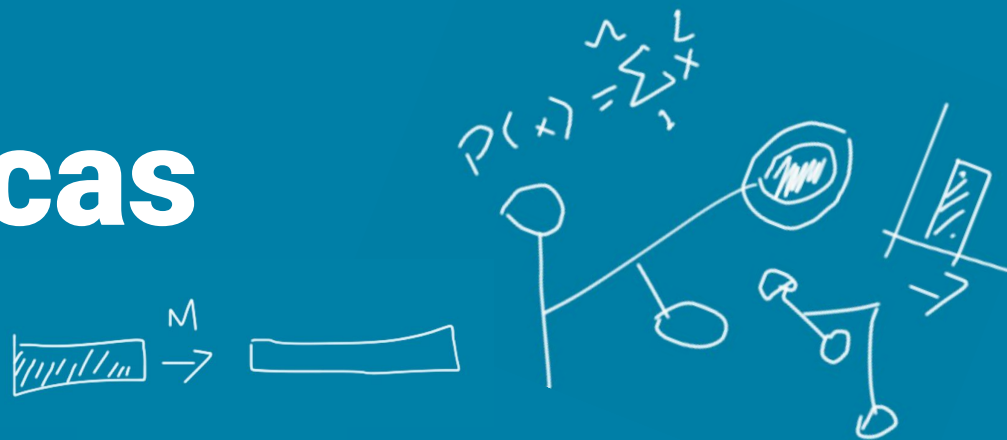
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Principais Características

- Carga
- Redundância
- Sensibilidade

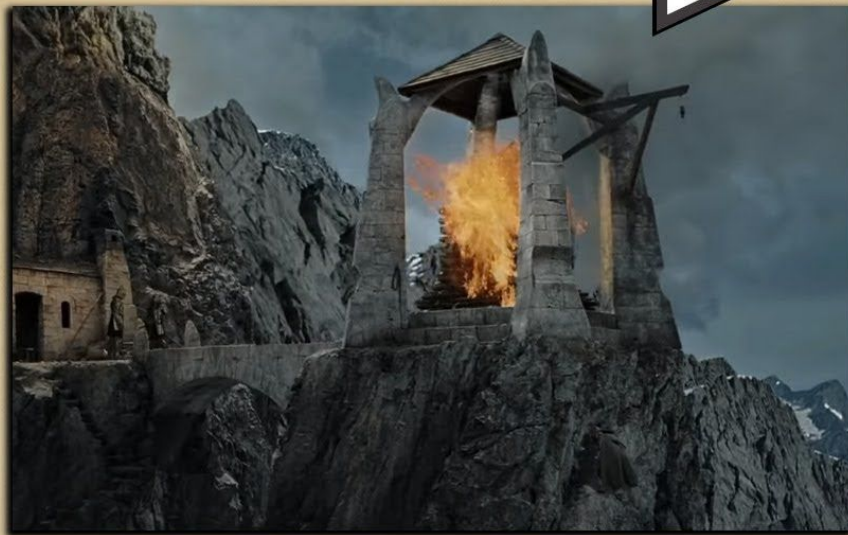


Um Bit

nunca se atrasa...

HISTORY
TODAY

GONDOR WARNING BEACONS



https://www.youtube.com/watch?v=_s8Cv3SJqSU

Quando os **tambores** falam

Faça seus pés voltarem pelo caminho que vieram,
faça suas pernas voltarem pelo caminho que vieram,
plante seus pés e suas pernas logo abaixo na vila que nos pertence.



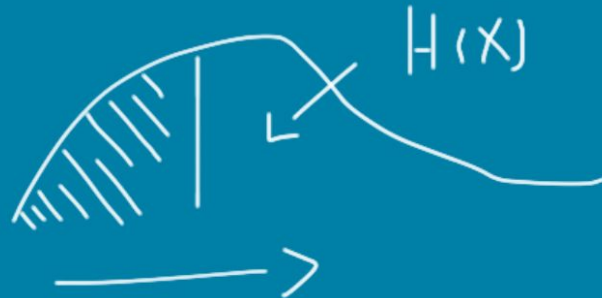
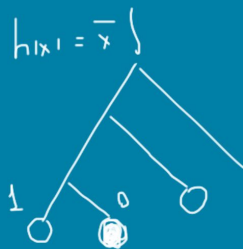
A ● -
B - ● ● ●
C - ● - ●
D - ● ●
E ●
F ● ● - ●
G - - ●
H ● ● ● ●
I ● ●

J ● - - -
K - ● -
L ● - ● ●
M - -
N - ●
O - - -
P ● - - ●
Q - - ● -
R ● - ●

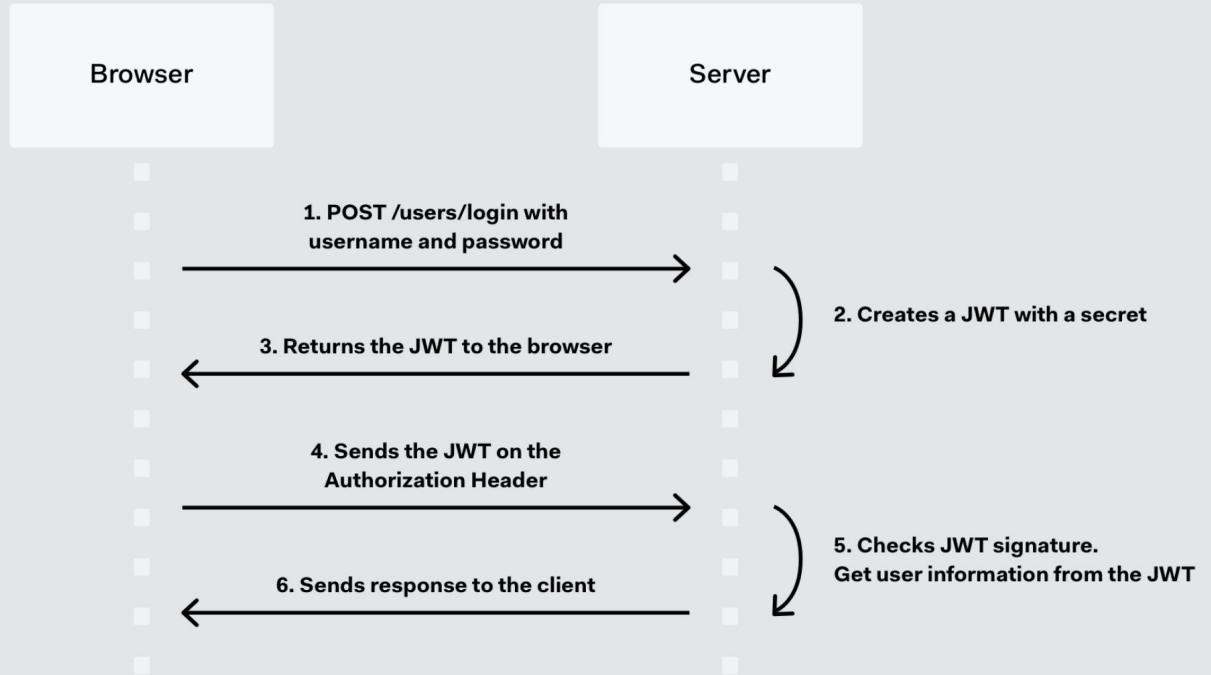
S ● ● ●
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Y - ● - -
Z - - ● ●



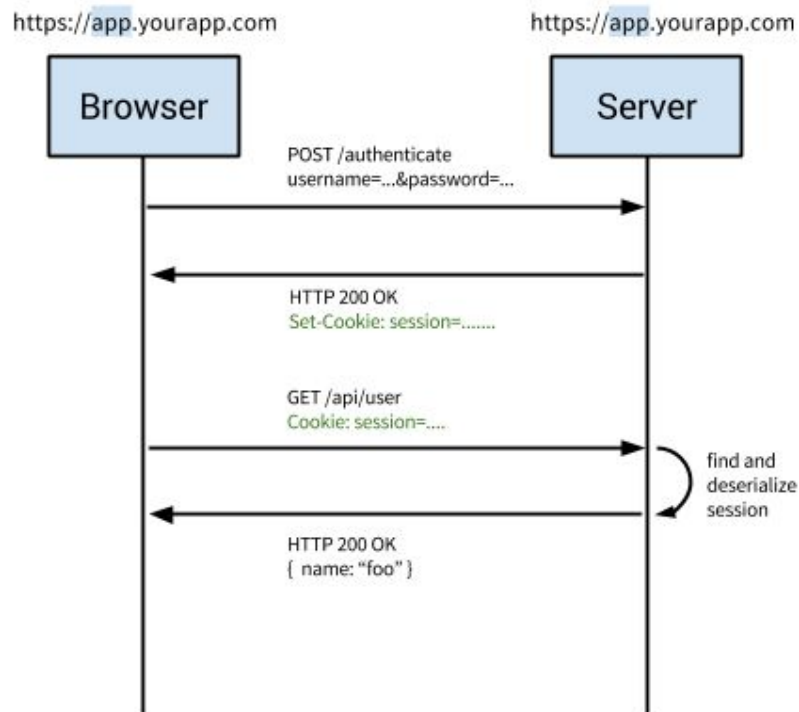
JSON Web Token?



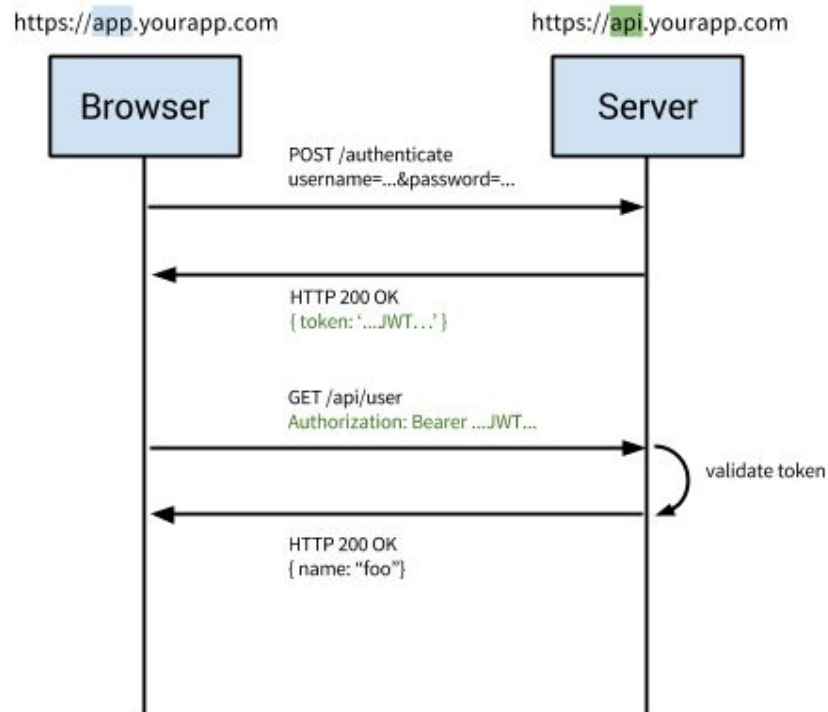
JWT Workflow



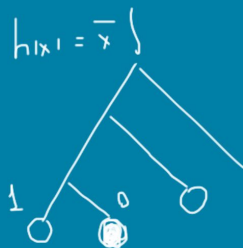
Traditional Cookie-Based Auth



Modern Token-Based Auth



Anatomy



Header

```
{  
  "alg": "HS256",  
  "typ": "JWT"  
}
```

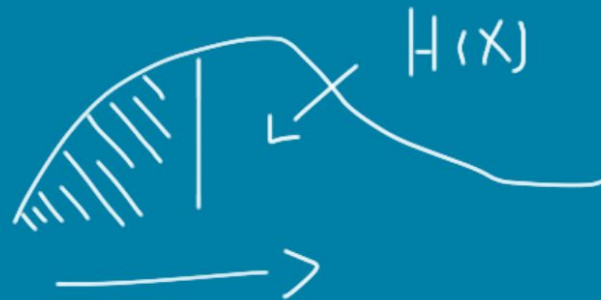
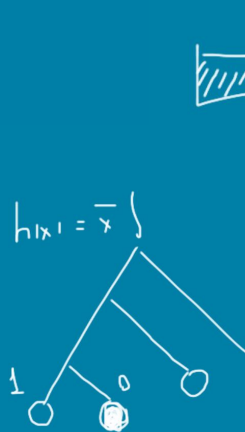
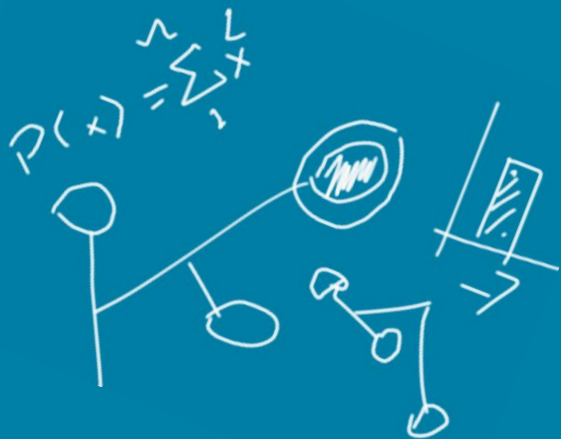

Payload

```
{  
  "name": "Vidal Vasconcelos",  
  "nickname": "vidalvasconcelos",  
  "admin": "true"  
}
```

Signature

```
hash_hmac(  
    'sha256',  
    base64_encode(HEADER) . "." . base64_encode(PAYLOAD),  
    $my_secret_key  
);
```

Live coding



Obrigado!

