

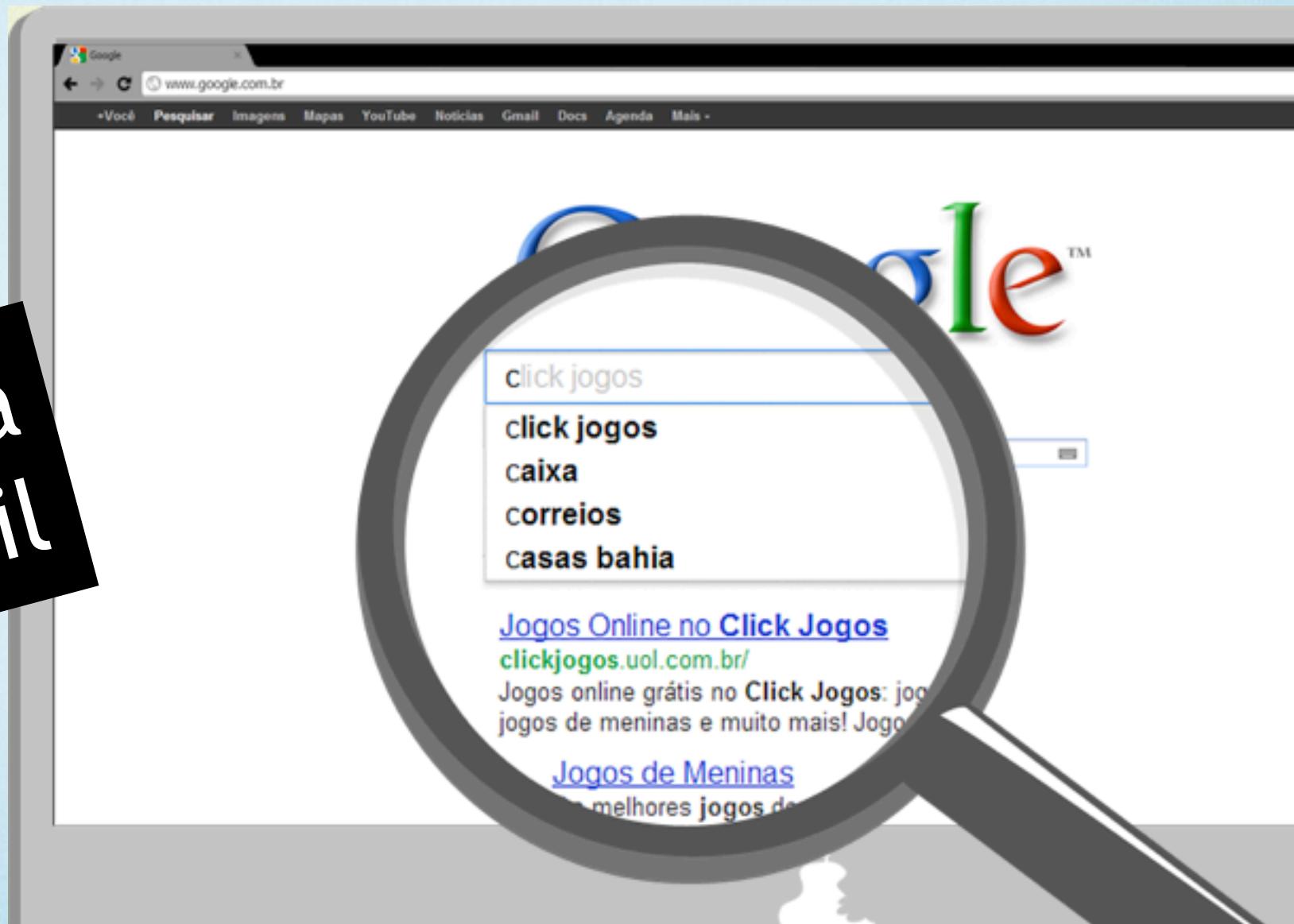


**CLICK JOGOS**

**click**  
**JOGOS**



Referência  
no Brasil



**633.000.000**  
pageviews

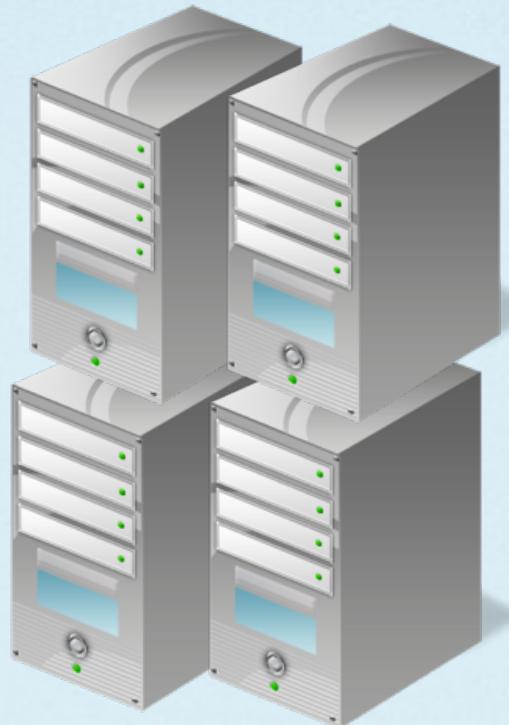
**Google** Analytics  
Julho/2012

**92.000.000**  
visitas

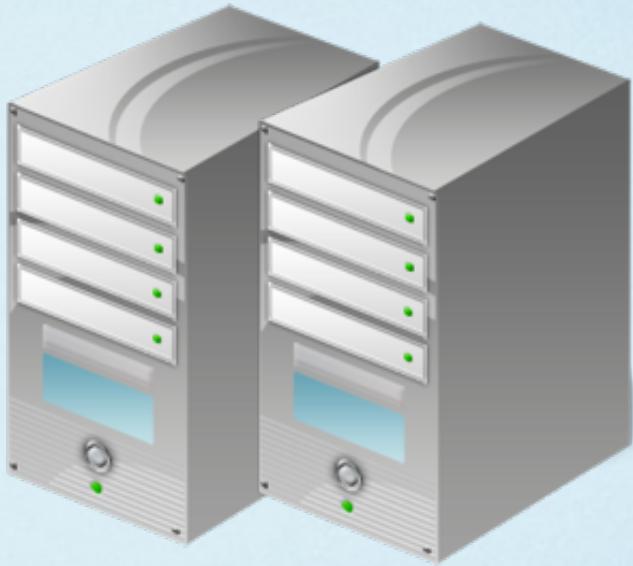
**21.000.000**  
uniques



**WebServer**



**App Servers**



**File Servers**

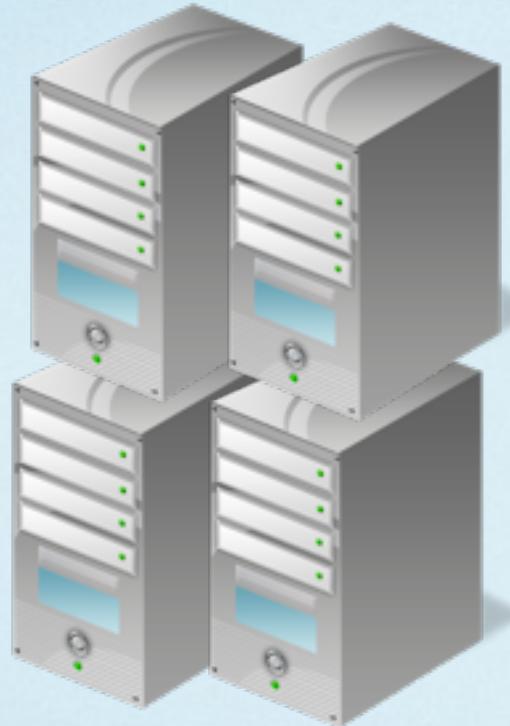


WebServer

**Intel Xeon 2ghz**  
(quad core, 4mb cache L2)

**8gb de memória**  
(ddr2 667mhz)

**145gb HD SCSI**



App Servers

**Intel Xeon 3ghz**  
(dual core, 6mb cache L2)

**4gb de memória**  
(ddr2 800mhz)

**250gb HD SCSI**



File Servers

**Intel Xeon 2.33ghz**  
(octa core, 12mb cache L2)

**8gb de memória**  
(ddr2 667mhz)

**160gb HD SCSI**



2.305 pontos



3.989 pontos

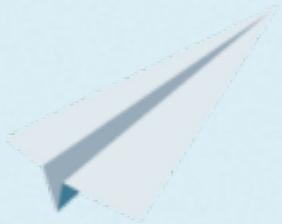




+

app server





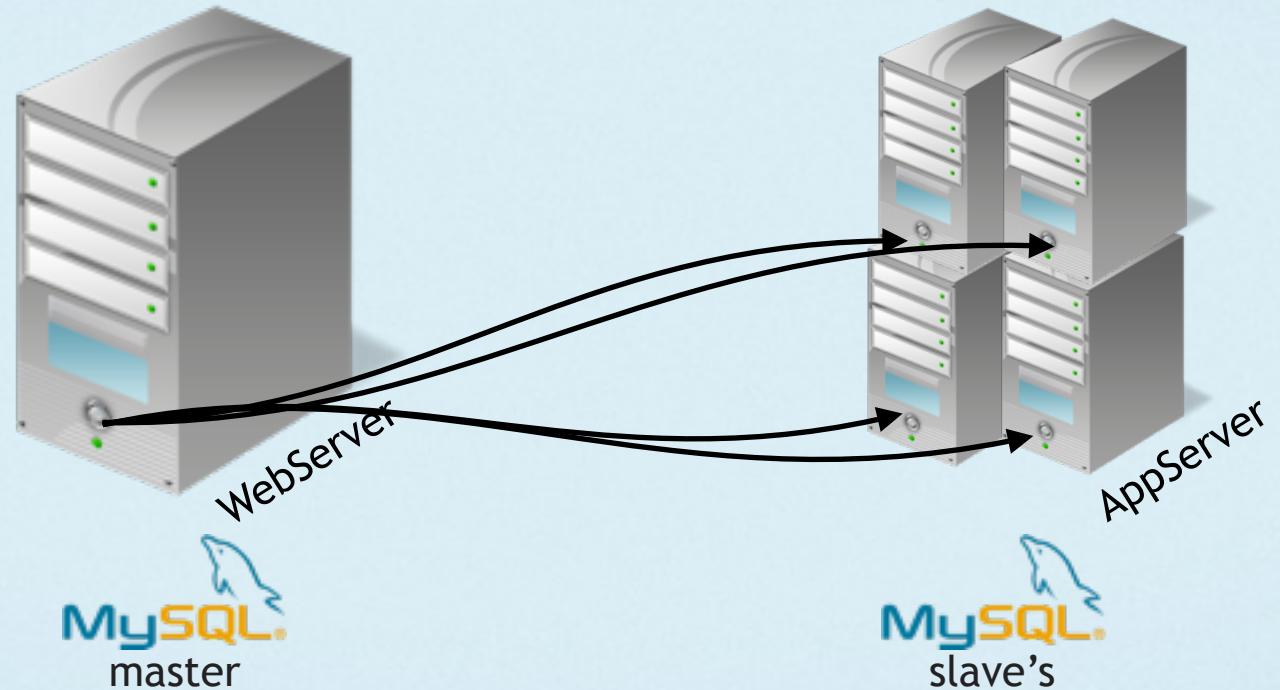
**LIGHTTPD**  
*fly light.*  
file server



+ MySQL®



# MySQL® replication





Alexandre Bini

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[@alexandrebini](https://twitter.com/alexandrebini)

html

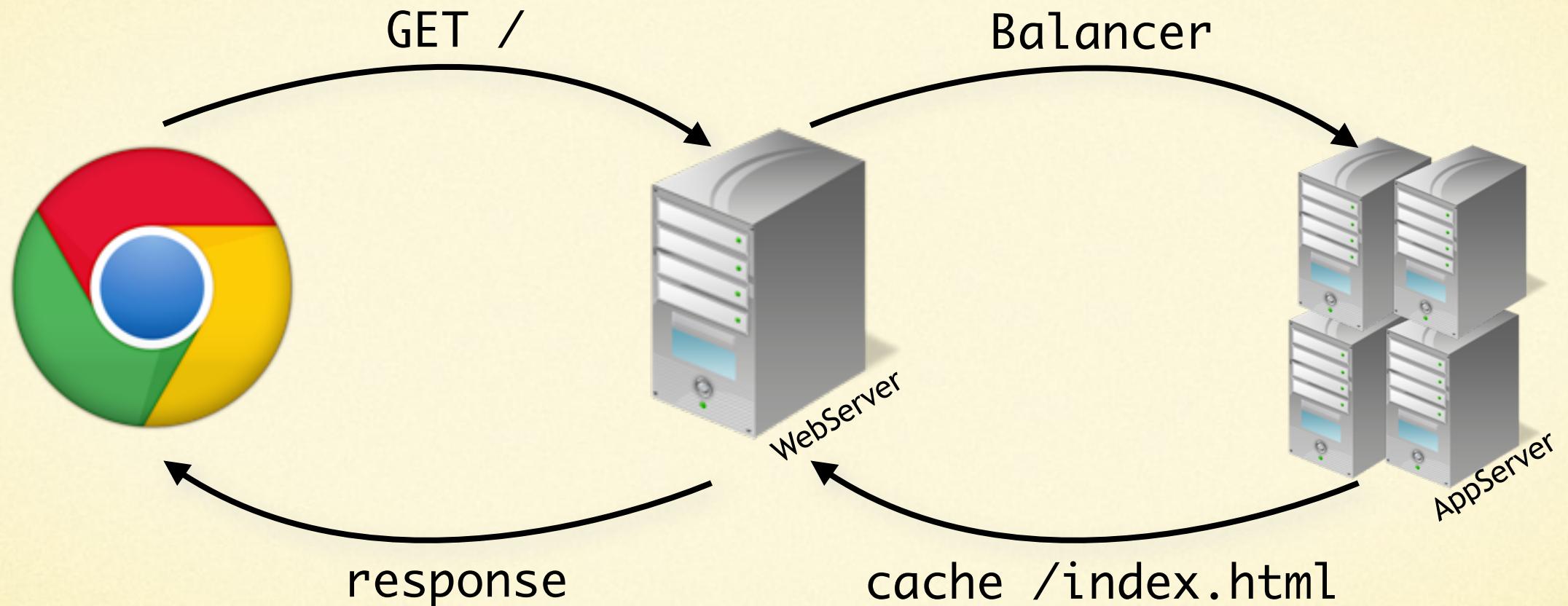
imagens

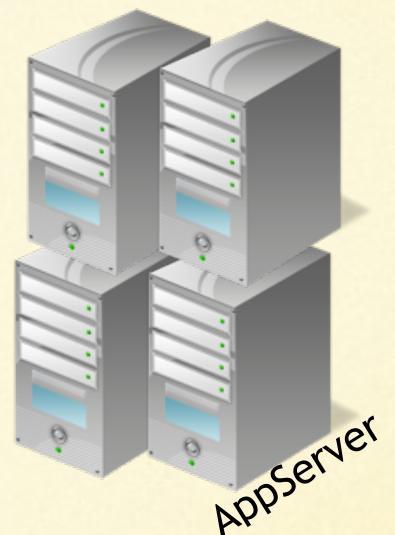
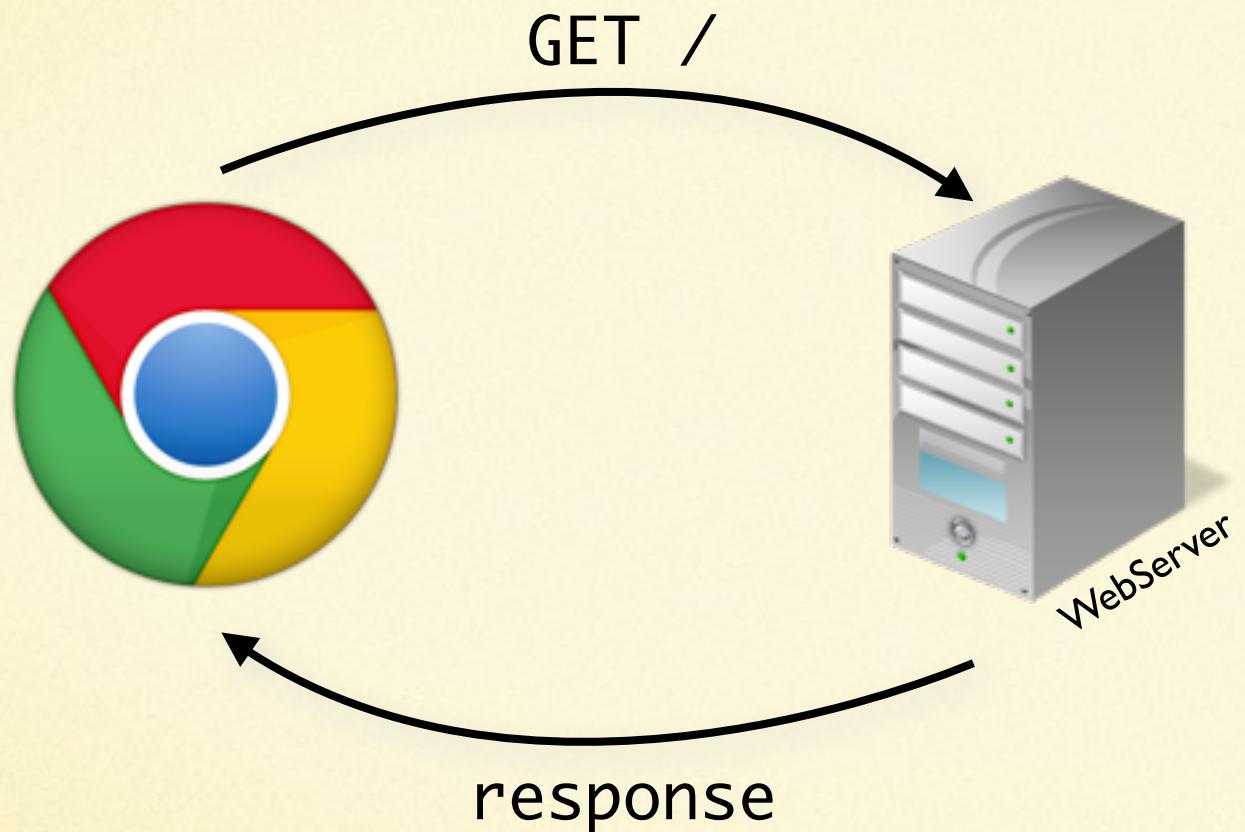
desacoplar aplicação

evitar desperdício

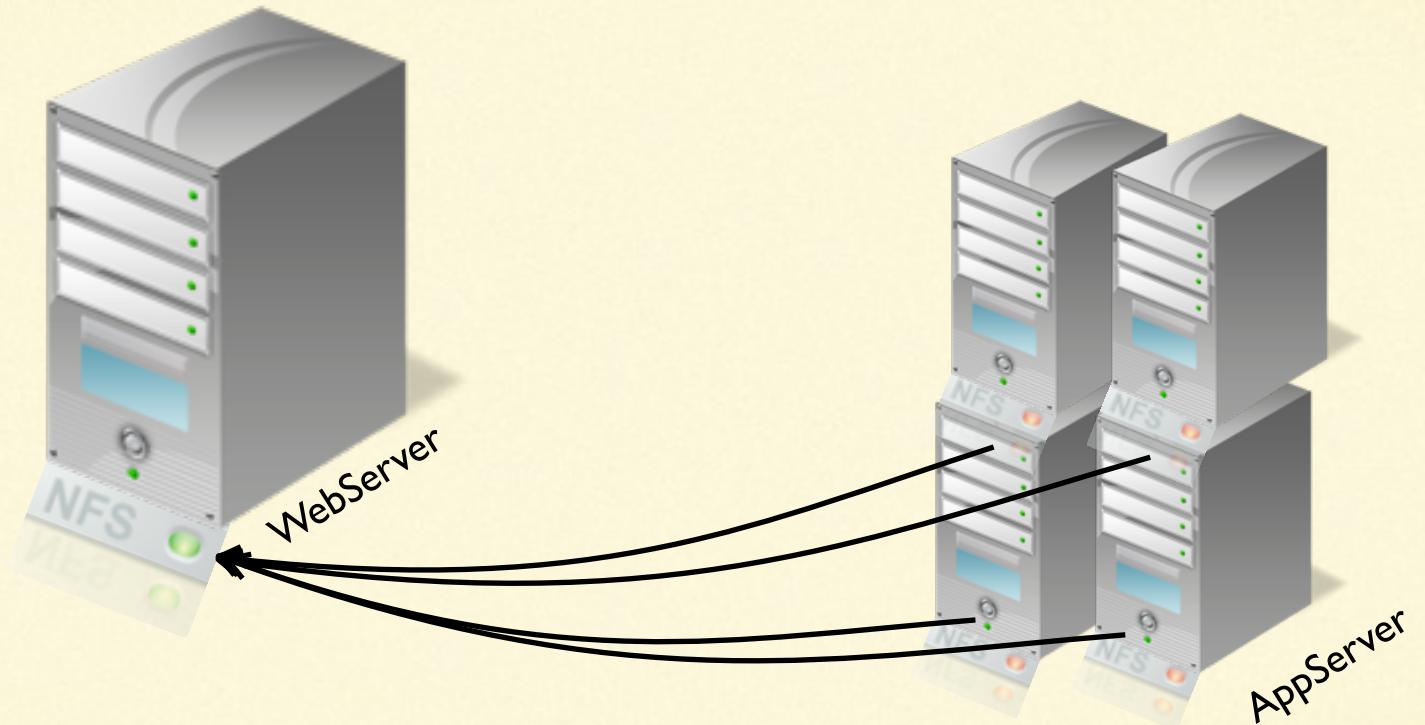
deploy

**22 milhões**  
de pageviews/dia









Busca

JSON

Paginação

Redirects

Busca

GET /busca/?q=clickcross

301 /busca/clickcross/

# redirects

```
<meta content='0;url=/clicksinuca/' http-equiv='refresh'/>
<script type='text/javascript'>
    window.location = '/clicksinuca/'
</script>
```

**4gb**      **215k**  
de html's



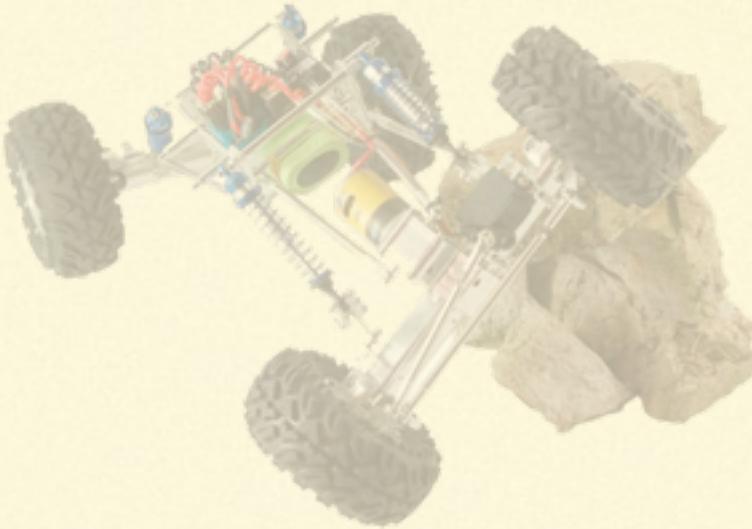
janitor



crawler



janitor



crawler



janitor



crawler

**22 milhões**  
de pageviews/dia

html

imagens

desacoplar aplicação

evitar desperdício

deploy







 VARNISH  
CACHE

```
location ~* ^.+.(jpg|jpeg|gif|png|ico|css|tgz|gz|js|swf)$
  expires modified +20d;
}
```

HTTP/1.1 200 OK

Expires: Wed, 29 Aug 2012 22:52:28 GMT

Cache-Control: max-age=864000

X-Varnish: 1519921732 1192092275

Age: 307204

Via: CacheUOL

Server: Proxy-Samba UOL

X-Cache: HIT



Intel Xeon 2.4ghz  
(quad core)

96gb de memória



PageSpeed Insights

# Make your web site faster





PageSpeed Insights

# Make your web site faster

uol.com.br 72

ig.com.br 74

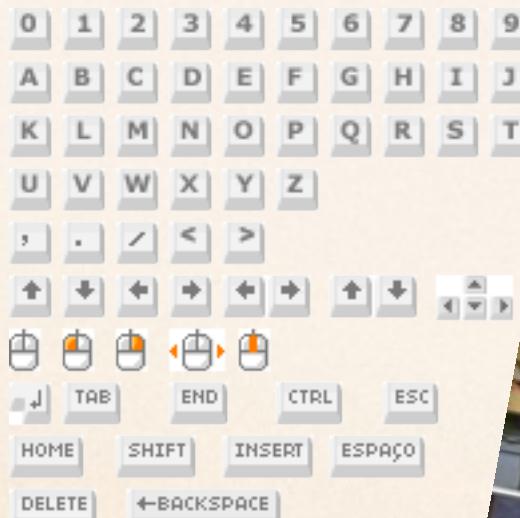
terra.com.br 83

g1.globo.com 86

clickjogos.com.br 92



compartilhar



▲ jogos mais novos

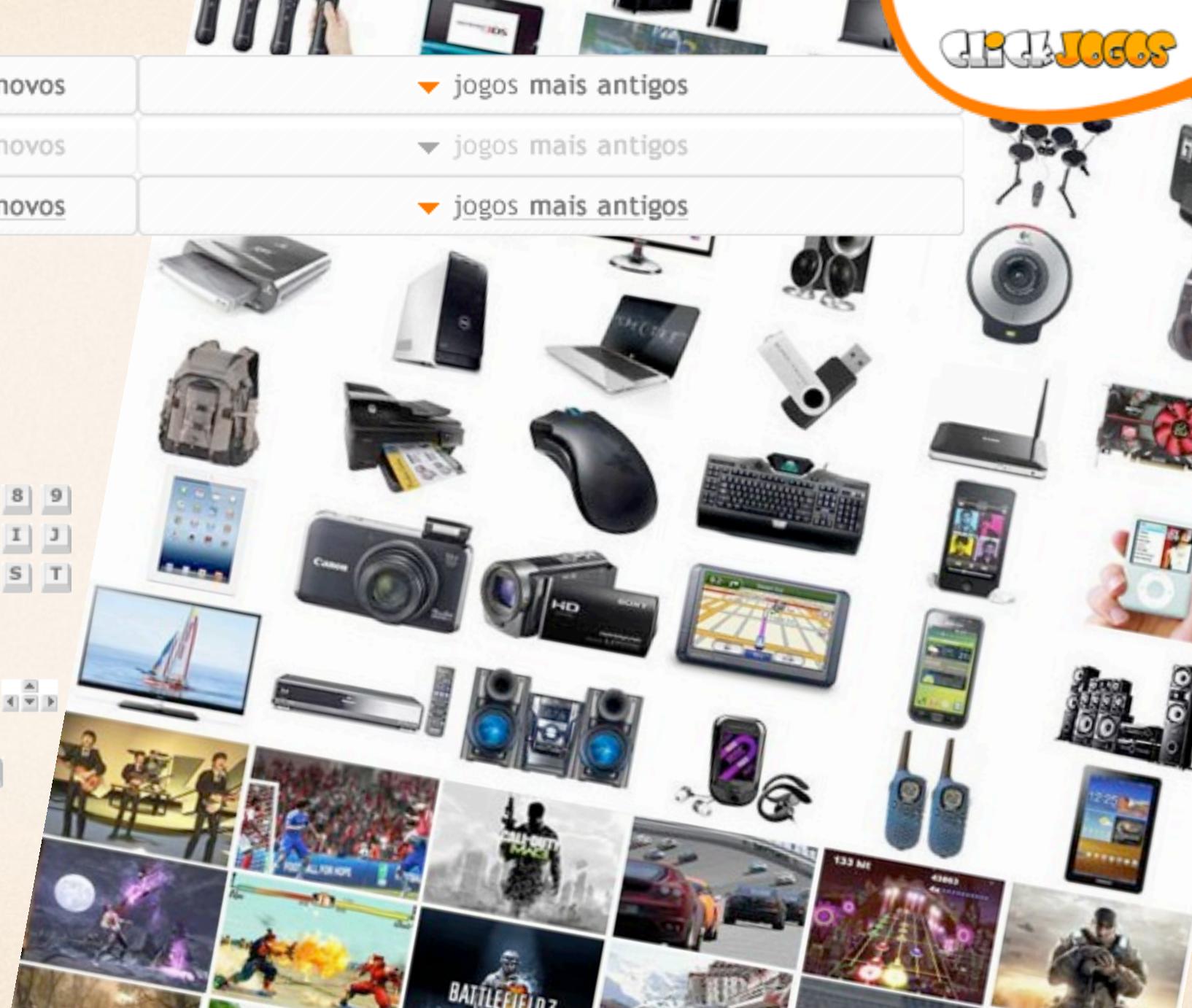
▲ jogos mais novos

▲ jogos mais novos

▼ jogos mais antigos

▼ jogos mais antigos

▼ jogos mais antigos



# OptiPNG PNGquant

tiny png

-20%

500.000 GB / mês  
(de imagens de 4k)

\$100.000,00 (amazon)

\$20.000,00/mês



cache de html

cache de imagens

**desacoplar aplicação**

evitar desperdício

deploy

**Avalie:**  muito bom!  bom  + ou -  péssimo

# Sinatra





+ Sinatra



cache de html

cache de imagens

desacoplar aplicação

**evitar desperdício**

deploy



## Erro 404 – Página Não Encontrada

Ops... A página que você está procurando não existe! Será que você digitou o endereço certo?

Se você chegou nessa página a partir de um link dentro de um jogo nós pedimos desculpas, mas alguns jogos têm recursos que só funcionam quando o jogo é acessado pelo site de seu desenvolvedor.



[Voltar para o Click Jogos](#)



5ms



1ms

```
location ~ ^/(categorias|categorias/mais-jogos|novidades)(\/.pg-[0-9]+)/* {  
    include includes/default_cache.conf;  
    include includes/send_to_balancer.conf;  
}  
  
location ~ ^/((downloads|jogos|barra)(\/.*))/* {  
    include includes/default_cache.conf;  
    include includes/send_to_balancer.conf;  
}  
  
location ~ ^/(clicksinuca|shuffle|shuffle/pqe)/* {  
    include includes/no_cache.conf;  
    include includes/send_to_balancer.conf;  
}  
  
location ~ ^/(livehome|thumbtest|dfptest)/* {  
    include includes/no_cache.conf;  
    include includes/send_to_balancer.conf;  
}
```

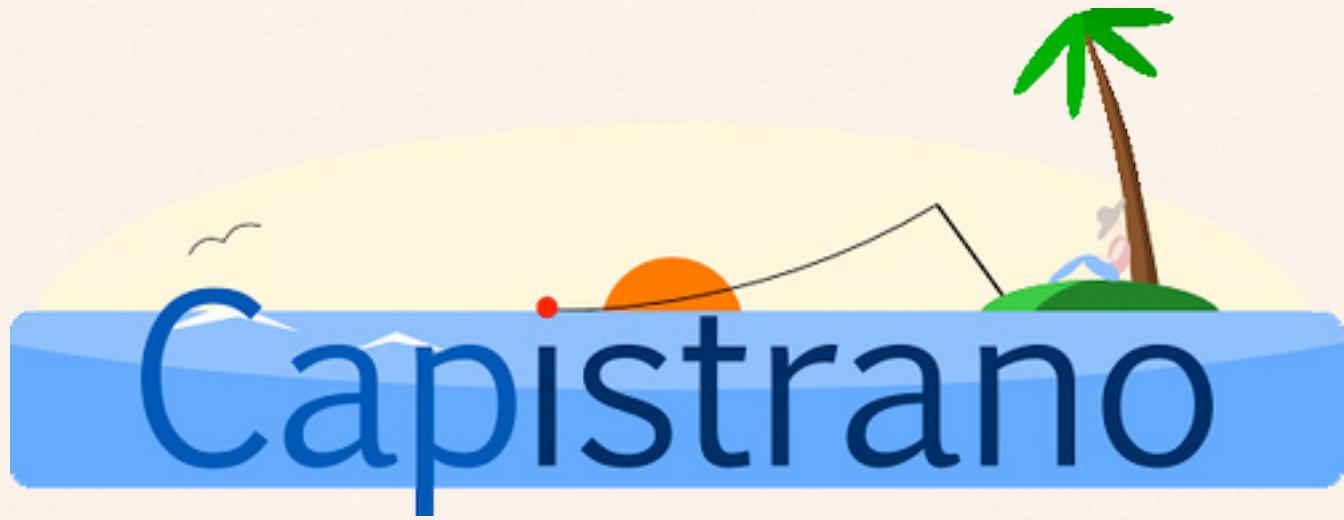
cache de html

cache de imagens

desacoplar aplicação

evitar desperdício

**deploy**

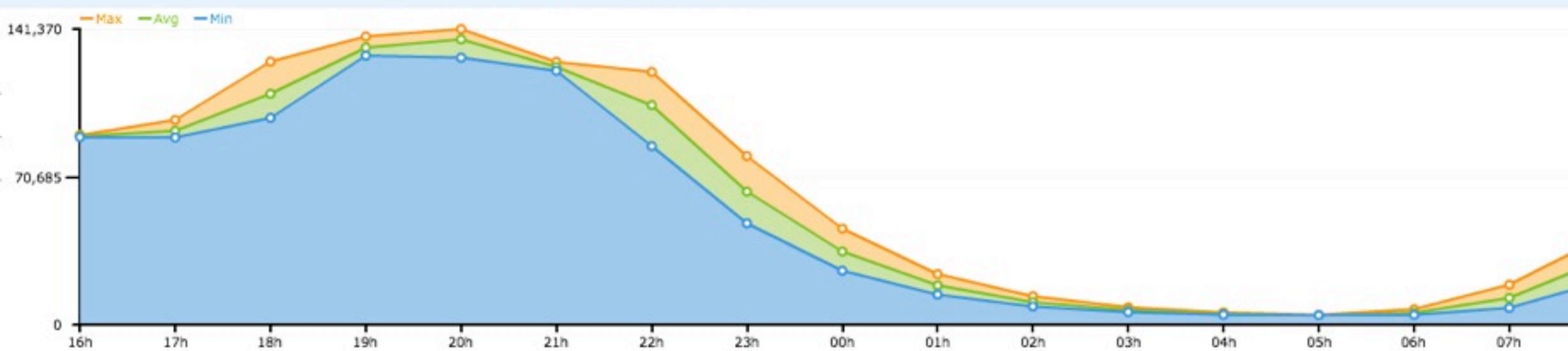


# Capistrano



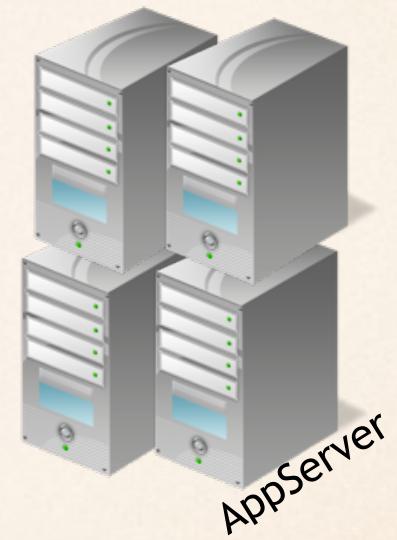
## Dashboard ( 116,550 users online )

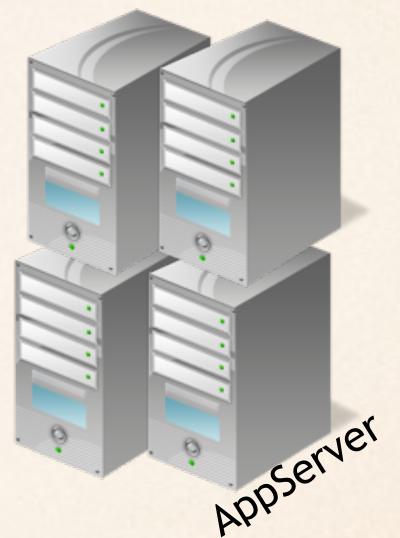
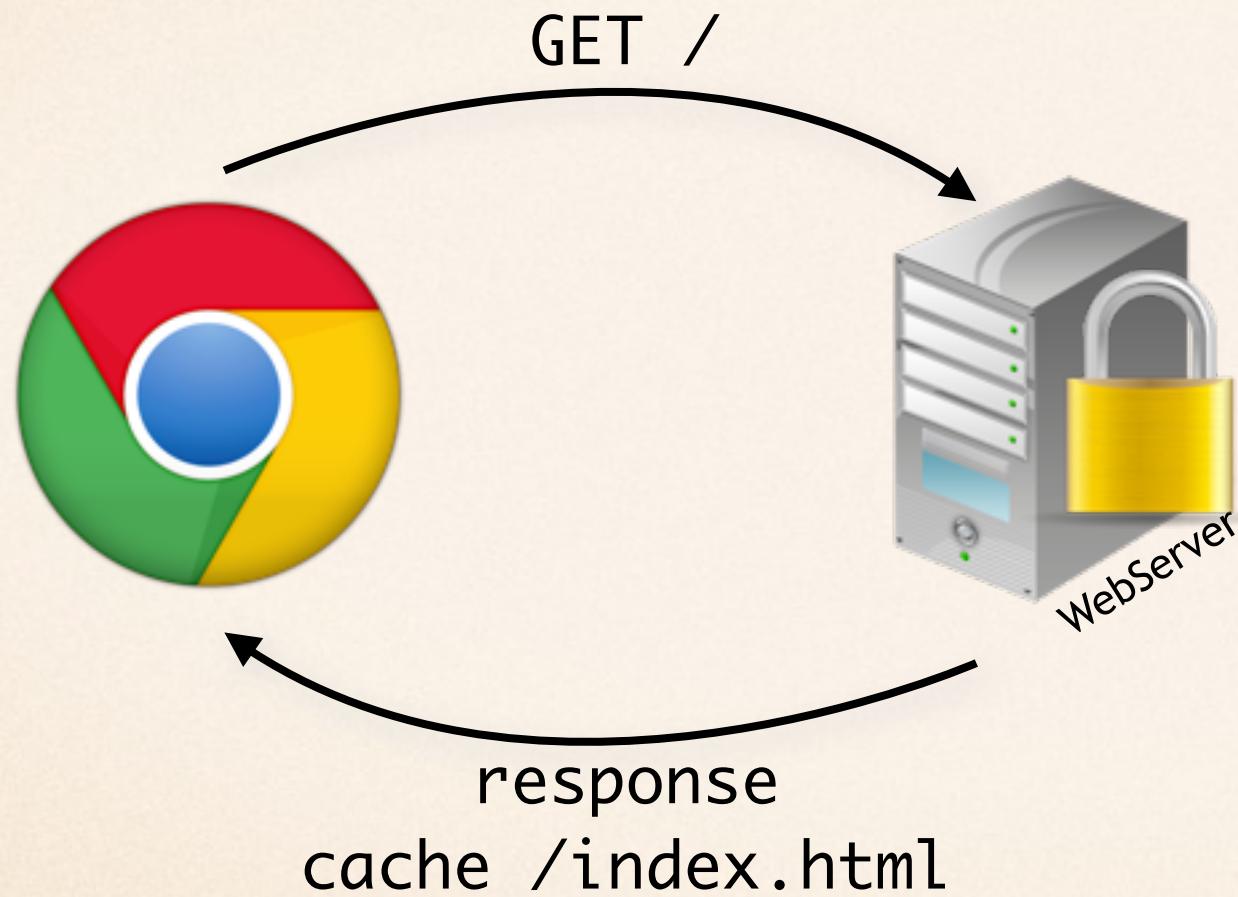
History → Users online during the past 24 hours

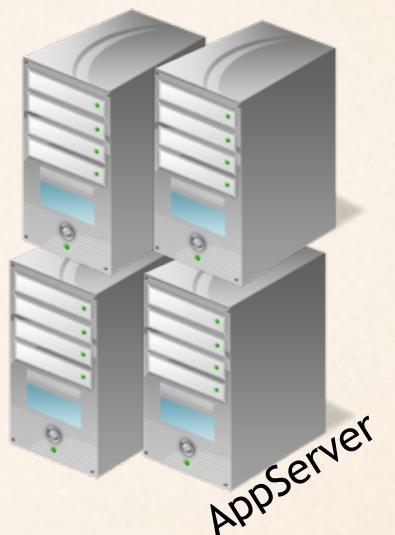
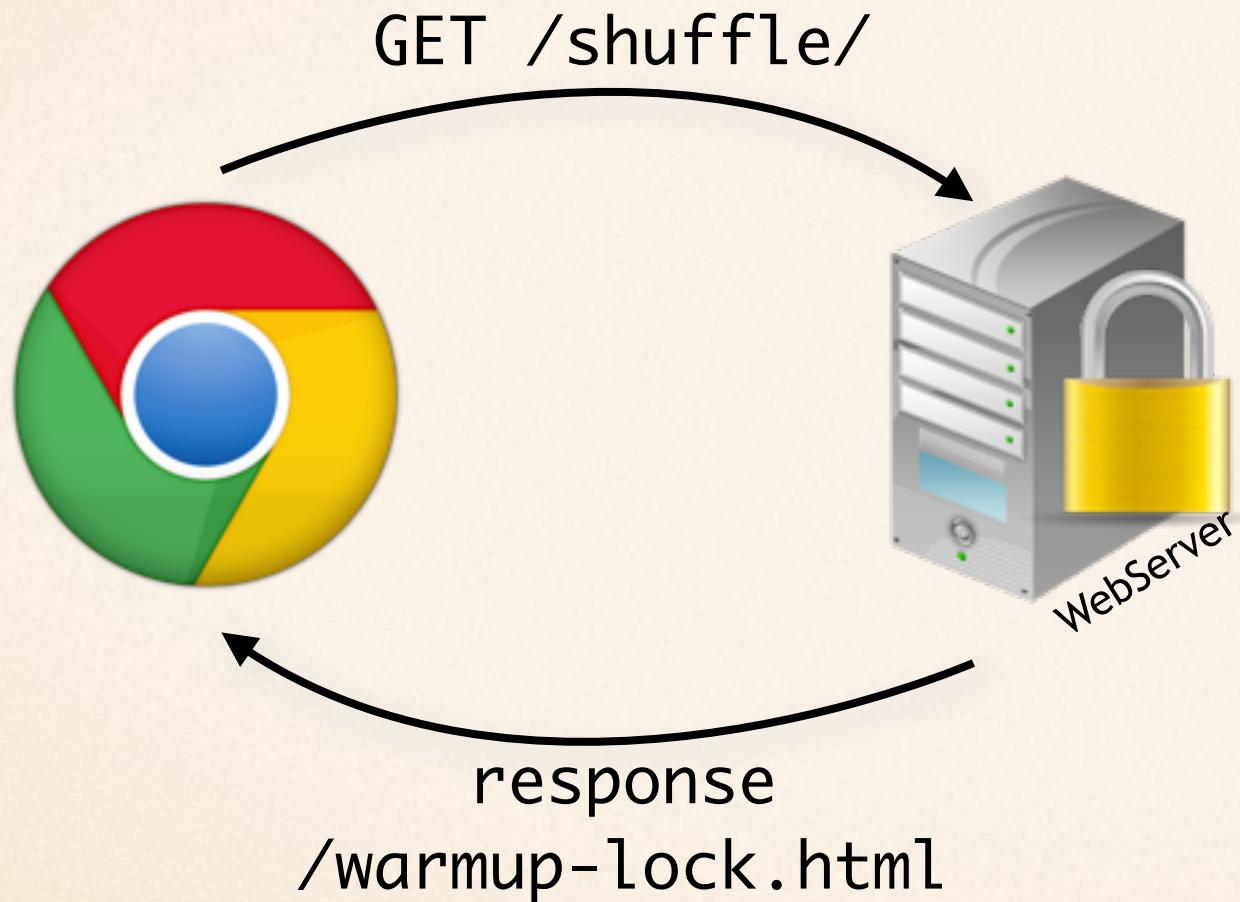












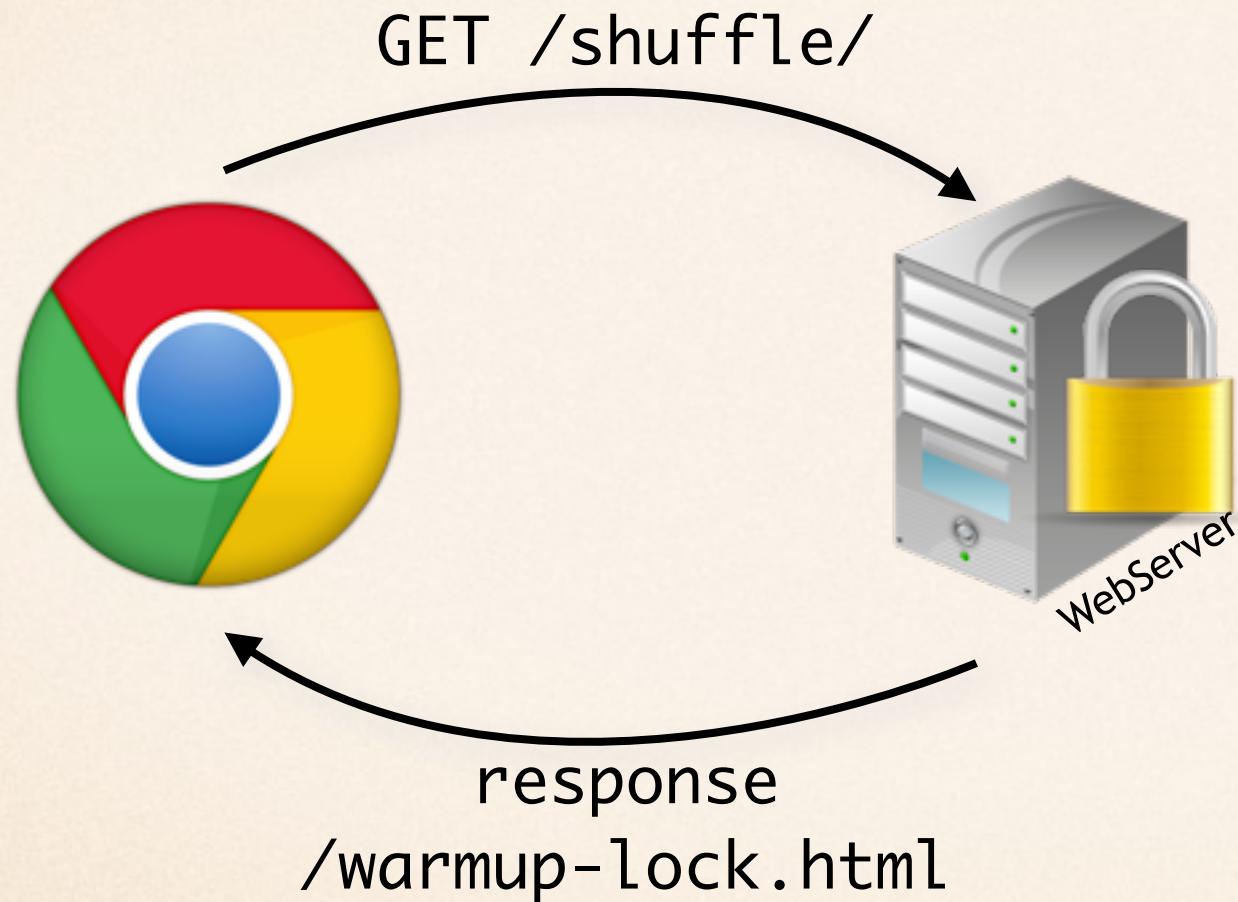


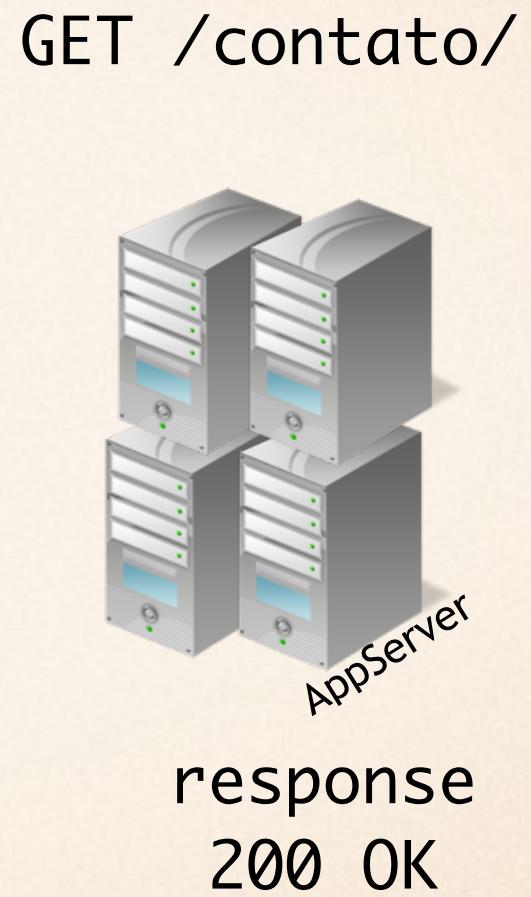
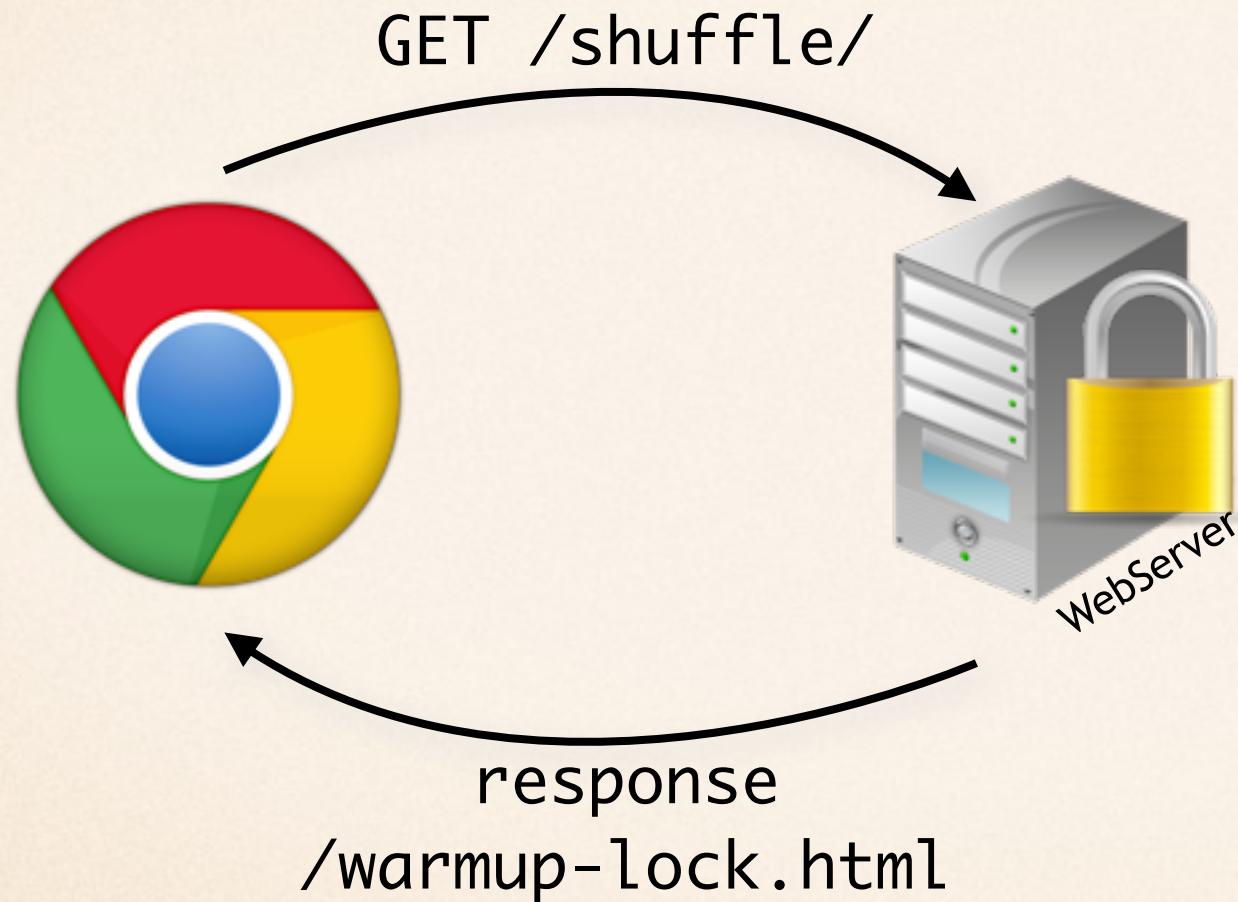
**Por favor aguarde...**

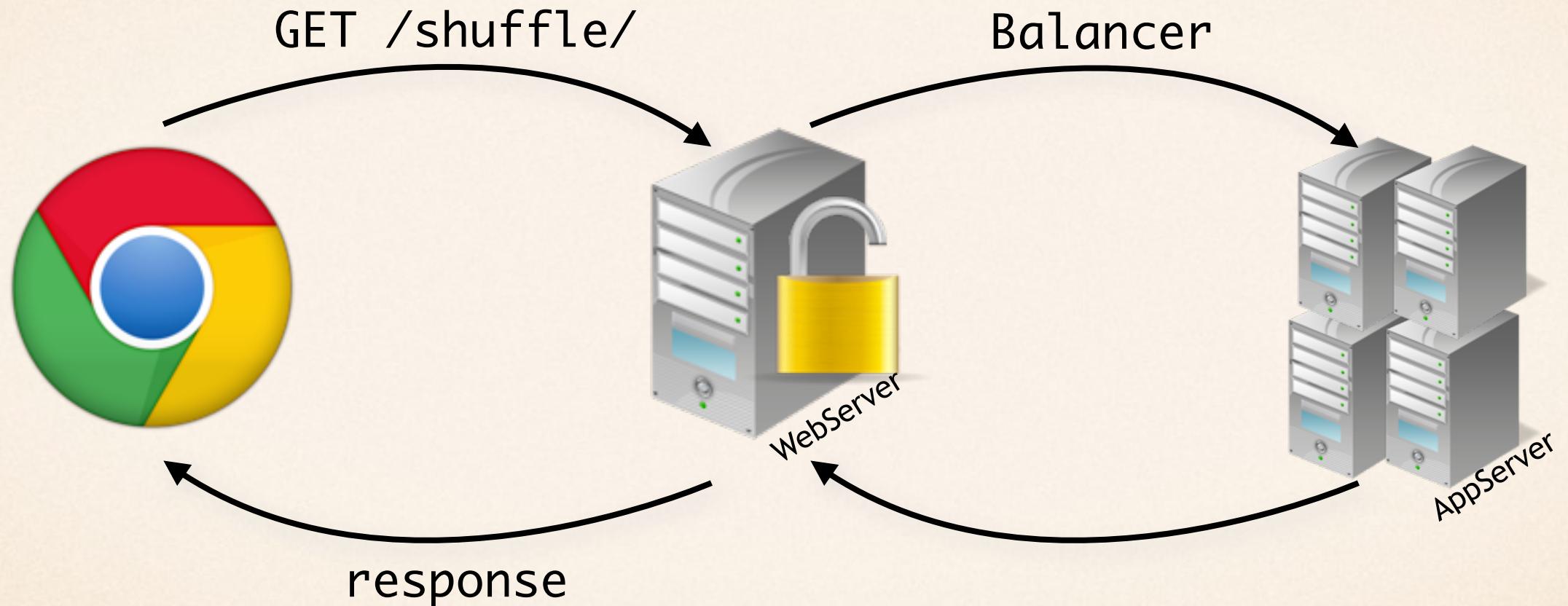
*( Musiquinha de elevador tocando )*

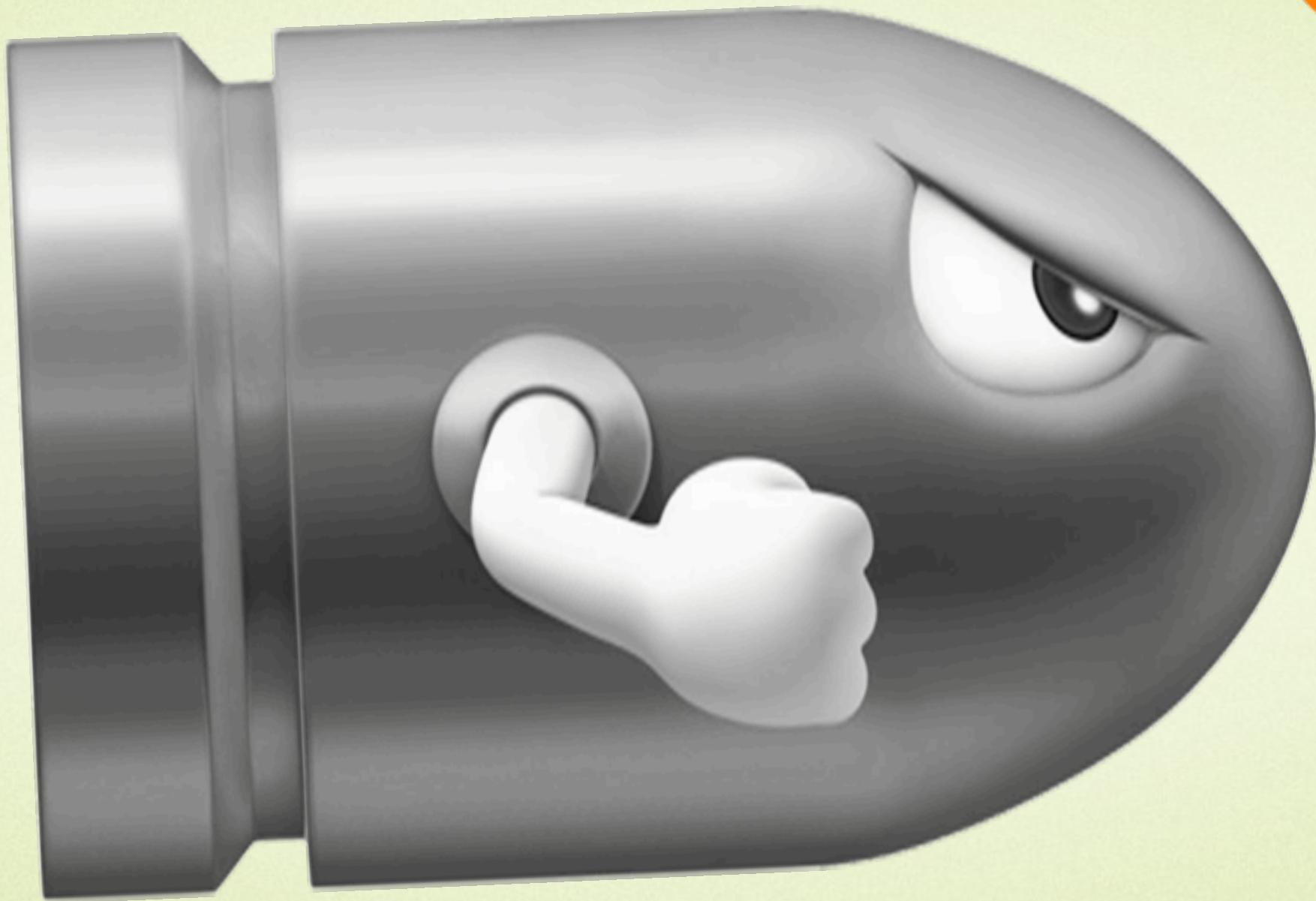
O Click Jogos está sendo atualizado, por favor espere alguns segundos  
e atualize essa página!

 [Atualizar](#)











PageSpeed Insights  
**Make your web site faster**



# OptiPNG PNGquant

tiny png



# Sinatra

```
# Allowed extensions
location ~ ^/((top|index)\.html)$ {
    include includes/default_cache.conf;
    include includes/send_to_balancer.conf;
}

location ~ ^/(ajuda|anuncio|contato|contato/msg|submit)/$ {
    include includes/default_cache.conf;
    include includes/send_to_balancer.conf;
}

location ~ ^/(categorias|categorias/mais-jogos|novidades)(\/.*)/$ {
    include includes/default_cache.conf;
    include includes/send_to_balancer.conf;
}

location ~ ^/((downloads|jogos|barra)(\/.*)+)/$ {
    include includes/default_cache.conf;
    include includes/send_to_balancer.conf;
}

location ~ ^/(clicksinuca|shuffle|shuffle/pqe)/$ {
    include includes/no_cache.conf;
    include includes/send_to_balancer.conf;
}
```

Cache

Cache

Cache

Cache



Alexandre Bini

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[@alexandrebini](https://twitter.com/alexandrebini)