

KOHBEPC/19



1 СЕКУНДА

УВЕЛИЧЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ



KOHBEPCIA



1 СЕКУНДА

УВЕЛИЧЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ



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2,2 СЕКУНДЫ

УВЕЛИЧЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ





2,2 СЕКУНДЫ

УВЕЛИЧЕНИЯПРОИЗВОДИТЕЛЬНОСТИ

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1 СЕКУНДА

СНИЖЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ



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2 СЕКУНДЫ

СНИЖЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ

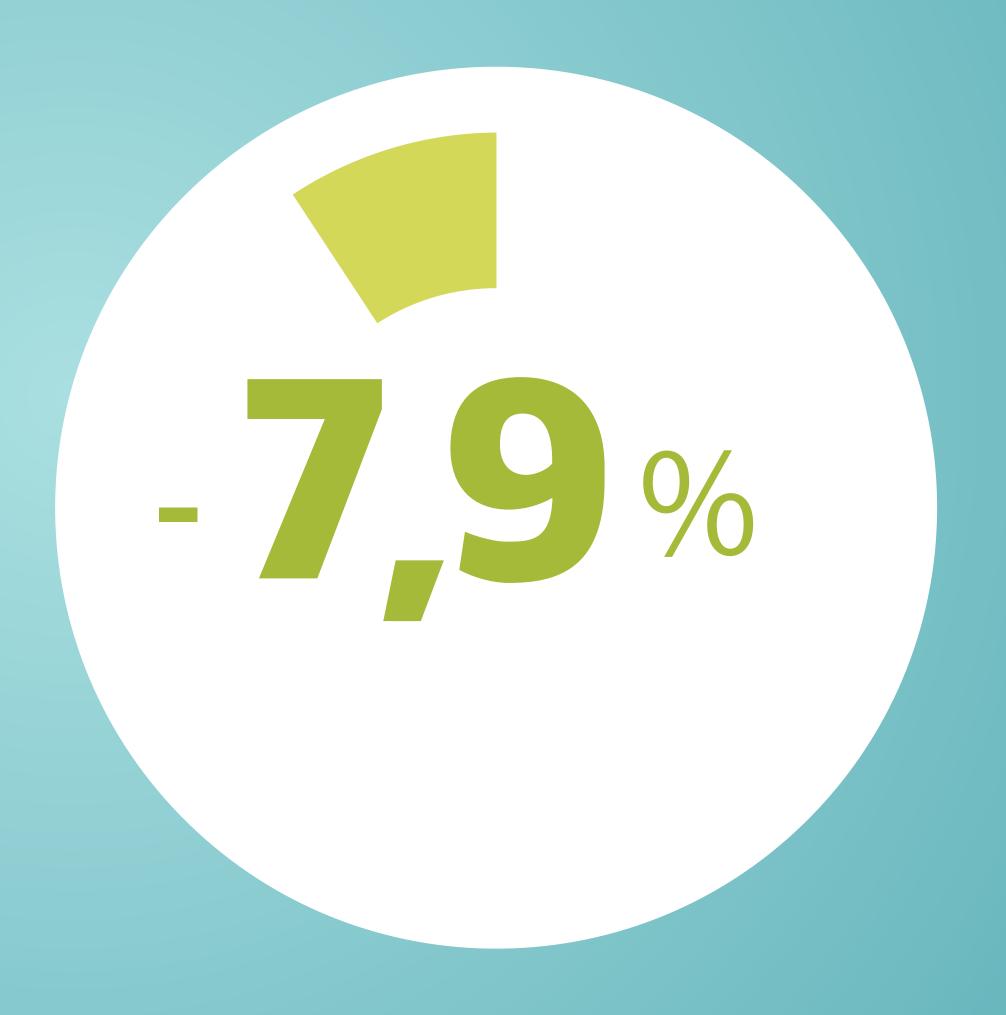


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3 СЕКУНДЫ

СНИЖЕНИЯ ПРОИЗВОДИТЕЛЬНОСТИ









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11:07 PM - 6 Apr 2015











\$107,1 миллиарда

HOME TEST RESULT TEST HISTORY FORUMS DOCUMENTATION ABOUT

Web Page Performance Test for

amazon.com

From: Moscow, Russia - Chrome - Cable

4/11/2016, 8:20:23 PM



First Byte Keep-alive
Time Enabled



Compress Transfer

D

Compress

Images

Cache static content



Need help improving?

Effective use of CDN

Summary

Details

Performance Review

Content Breakdown

Domains

Screen Shot

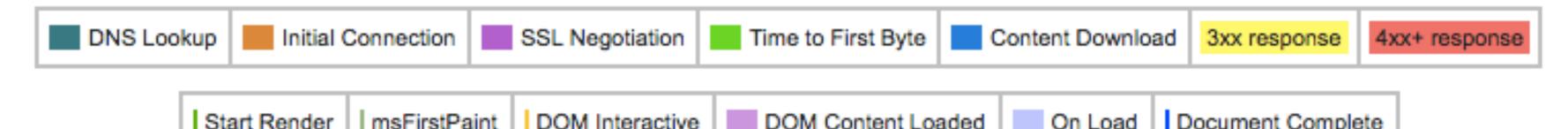
Tester: WIN-32VTGRUNTN0-188.120.233.22

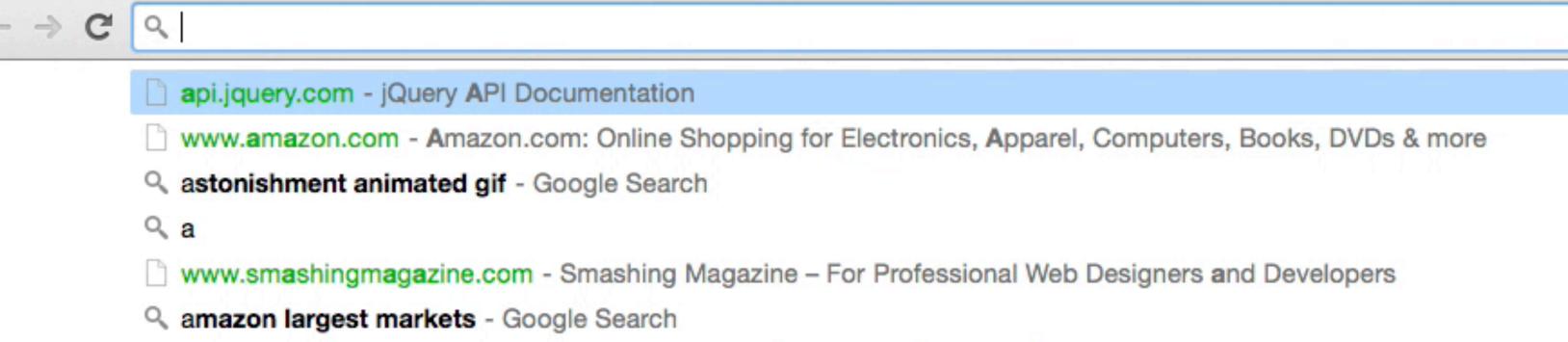
Export HTTP Archive (.har)

							Document Complete			Fully Loaded				
Loa Tim		First Byte	Start Render		Visually Complete	Speed Index	DOM Elements	Result (error code)	Time	Requests	Bytes In	Time	Requests	Bytes In
10.00)9s	0.975s	3.146s		19.800s	3644	1709	99999	10.009s	74	3,735 KB	17.725s	185	6,328 KB

RUM First Paint	domInteractive	domContentLoaded	<u>loadEvent</u>
3.117s	2.167s	2.167s - 2.168s (0.001s)	9.828s - 9.855s (0.027s)

Waterfall View

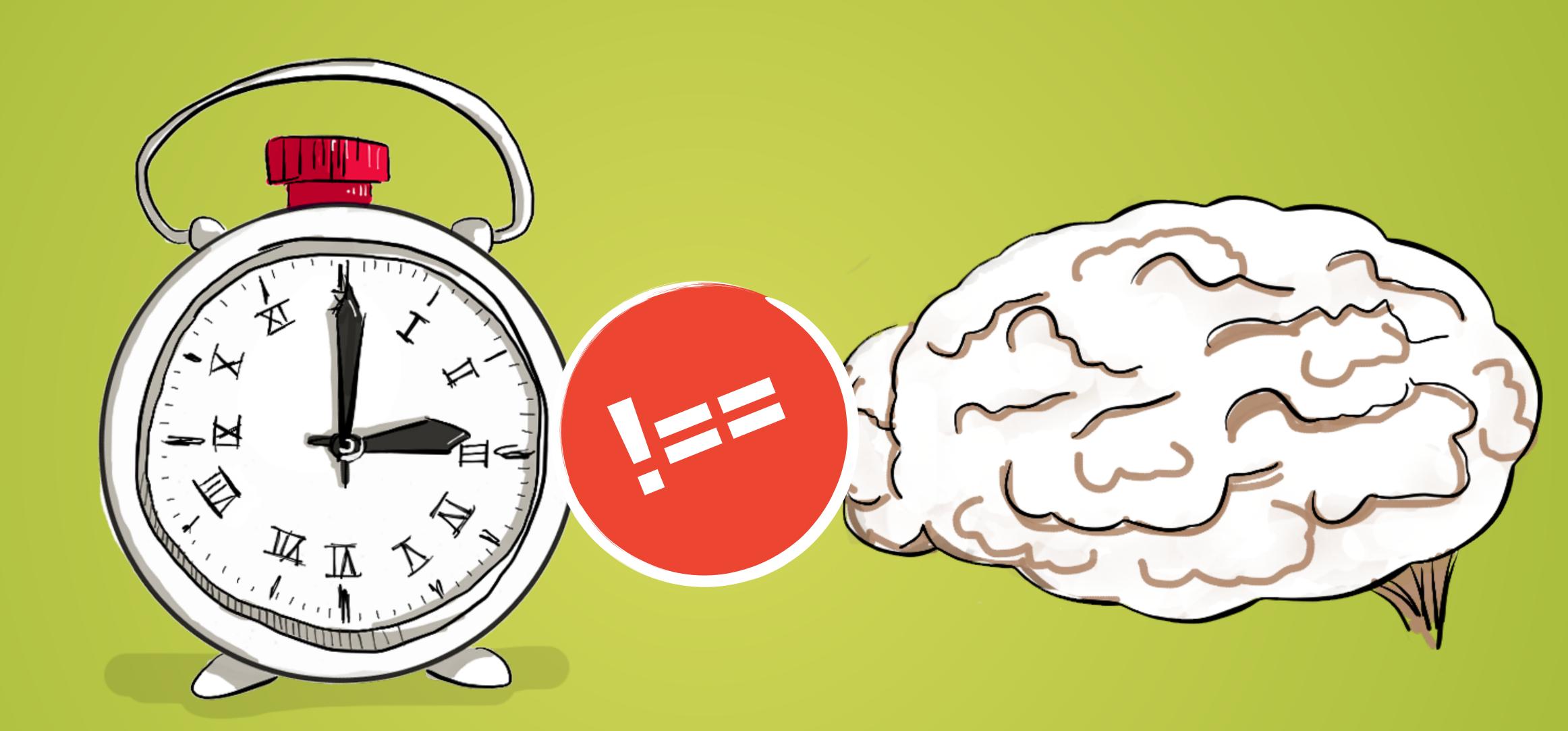




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ПРОИЗВОДИТЕЛЬНОСТЬ ЭТО НЕ

MATEMATHA

ПРОИЗВОДИТЕЛЬНОСТЬ ЭТО

ВОСПРИЯТИЕ

The perception of performance is just as **effective** as actual performance in many cases









Мы не воспринимаем то, что вокруг нас. Мы воспринимаем только то что говорит нам наш мозг…

Наше сознание отстает от самих событий примерно на **80 миллисекунд** и когда вам кажется что событие только происходит, оно уже свершилось.

David Eagleman

JND

(just noticeable difference)



ПРАВИЛО 20%

СОБЫТИЕ



ПРАВИЛО 20%

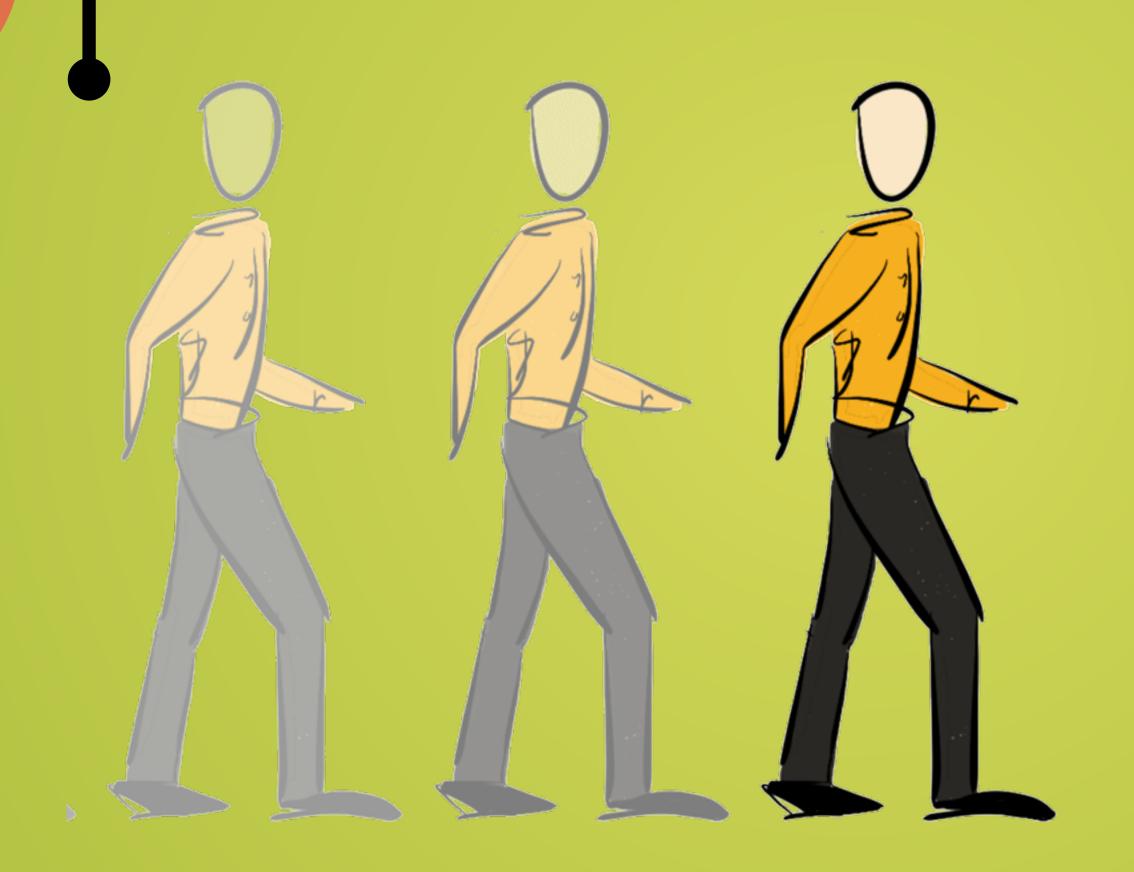
СОБЫТИЕ

20%

CERS/HA

ACTIVE

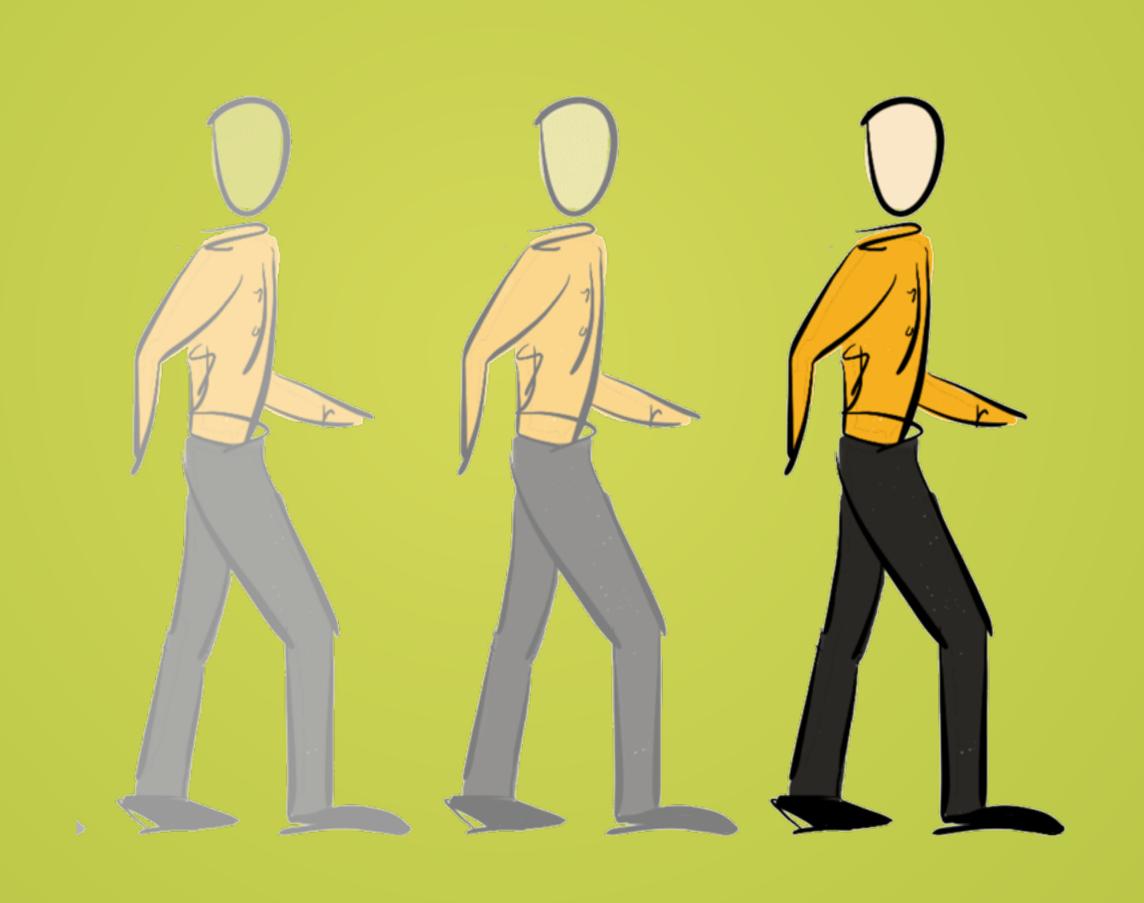
PASSIVE





ACTIVE

PASSIVE







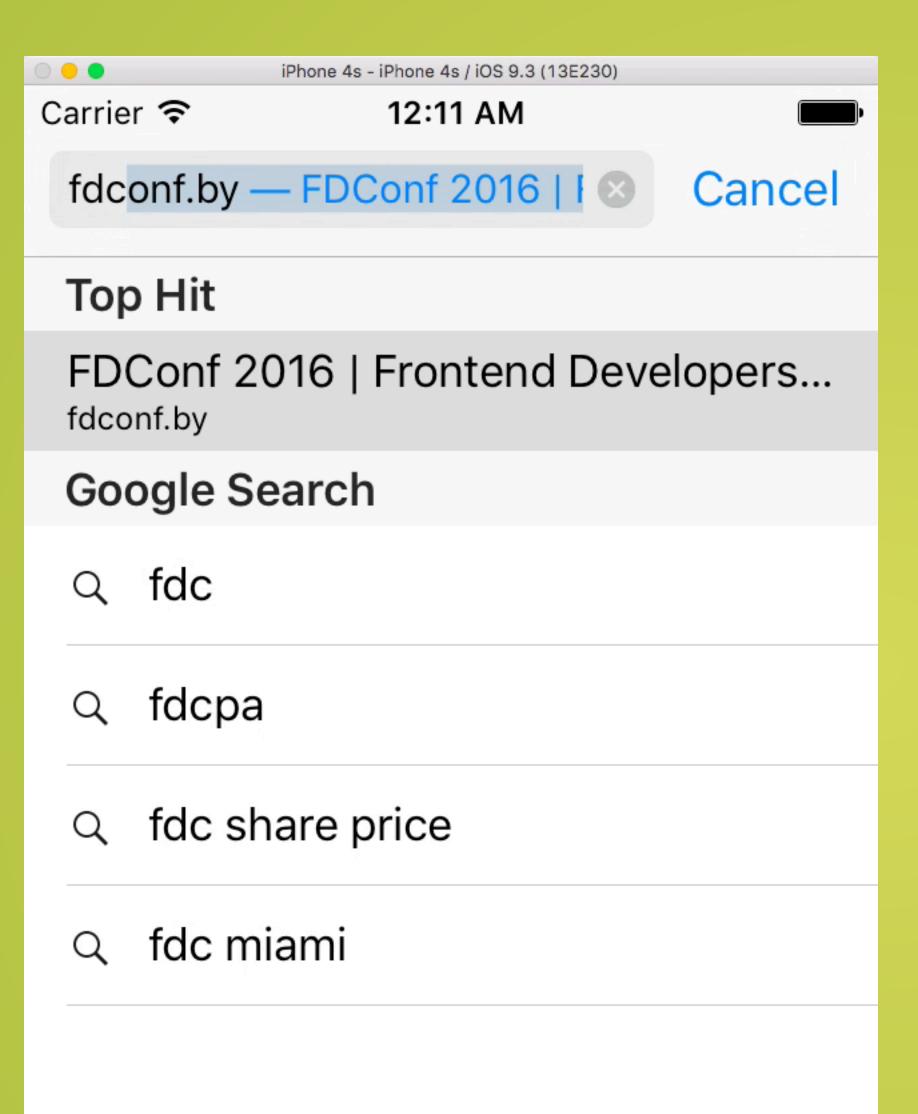


ПРЕДВАРИТЕЛЬНИЙ СТАРТ

COBUTILE

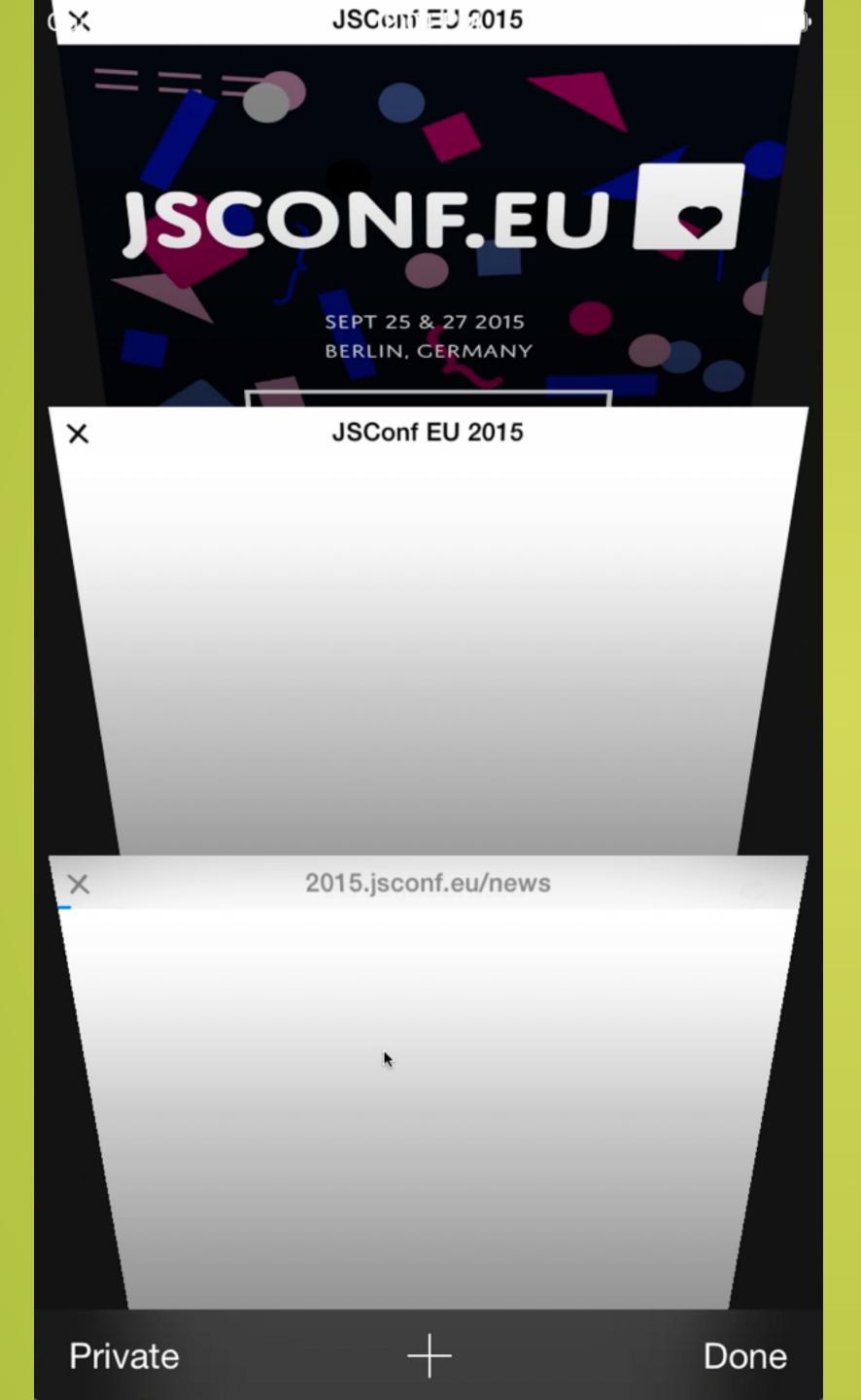


АКТИВНАЯ СОБЫТИЕ

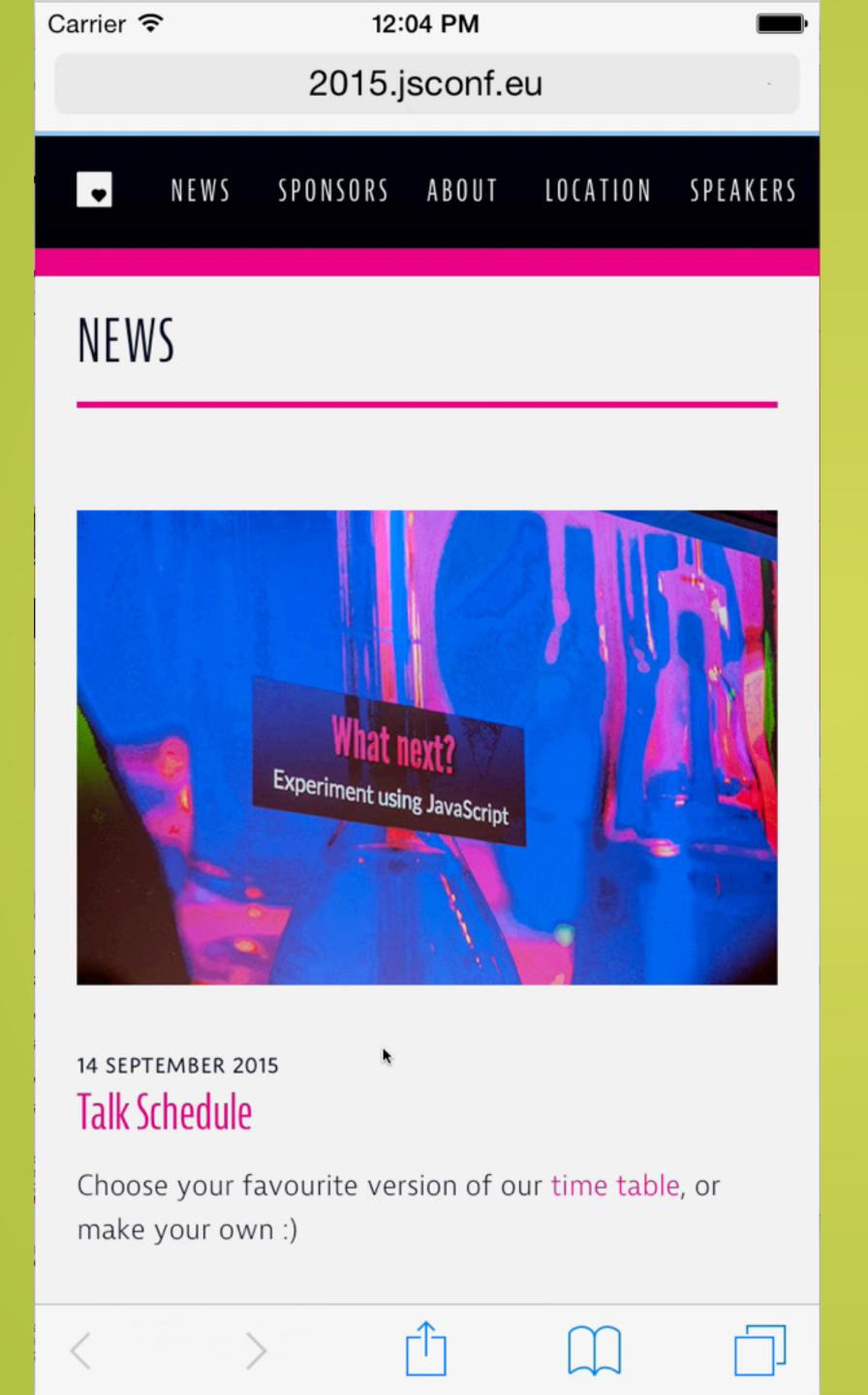


3APPY3KA TOPHITS

Settings / Safari / Preload Top Hits



ОТКРЫТИЕ В НОВОЙ ВКЛАДКЕ



ОТКРЫТИЕ В НОВОЙ ВКЛАДКЕ

rel="DNS-PREFETCH" rel="PRECONNECT" re="PREFETCH" rel="PRERENDER"

PAHHEE 3ABEPILIEHIE



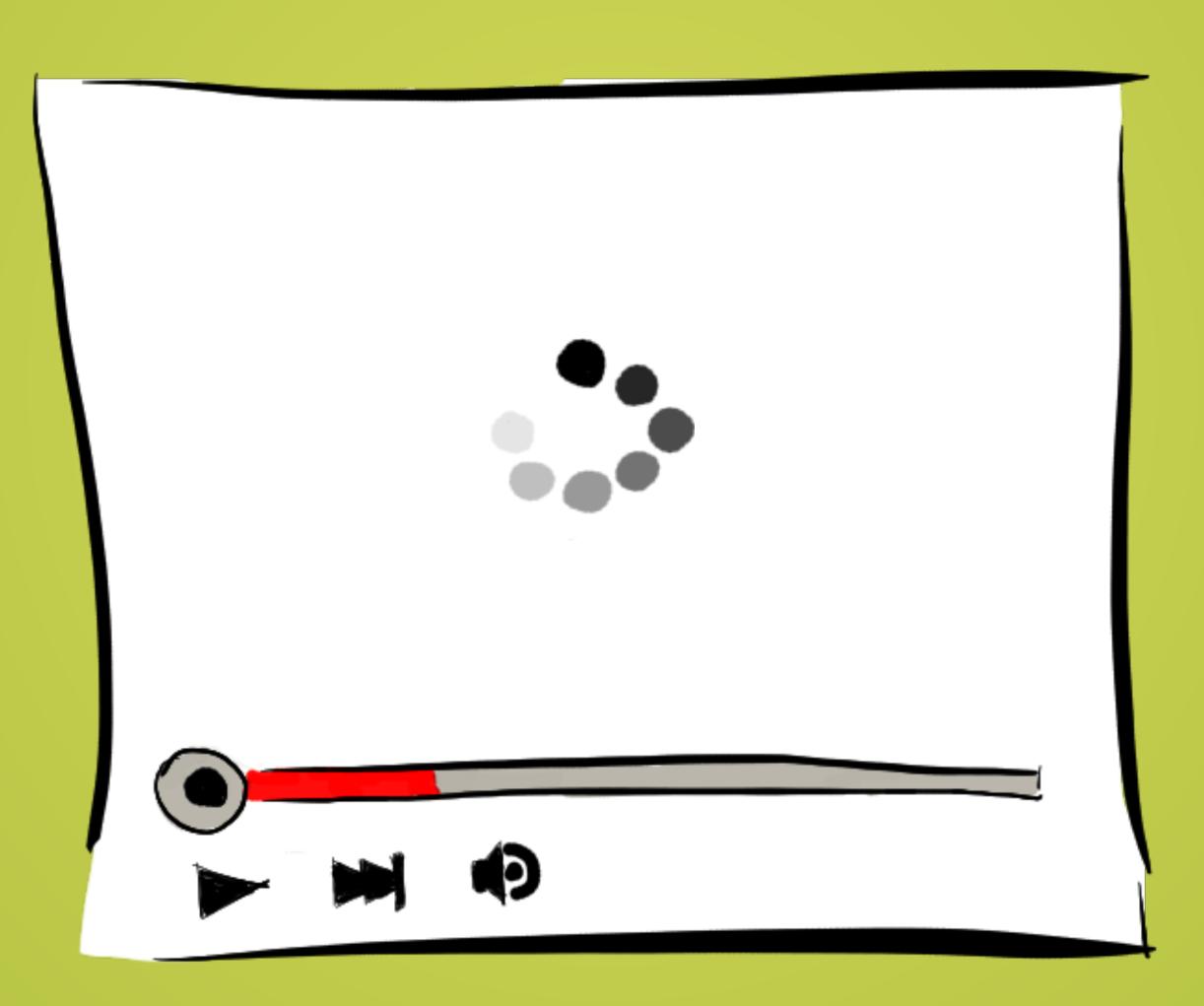
COBUTIVE



АКТИВНАЯ Ф**АЗА**



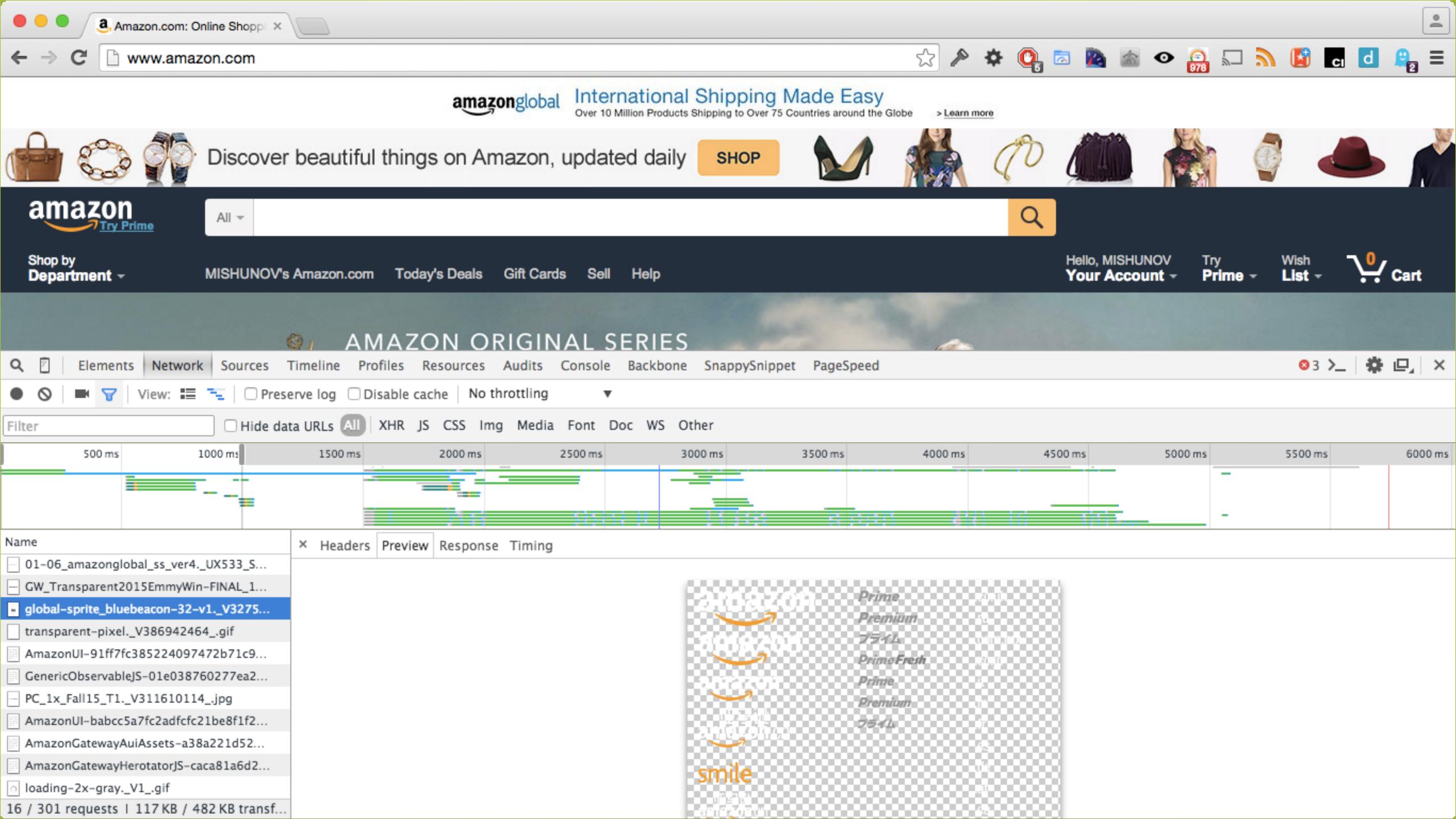
PASSIVE PHASE

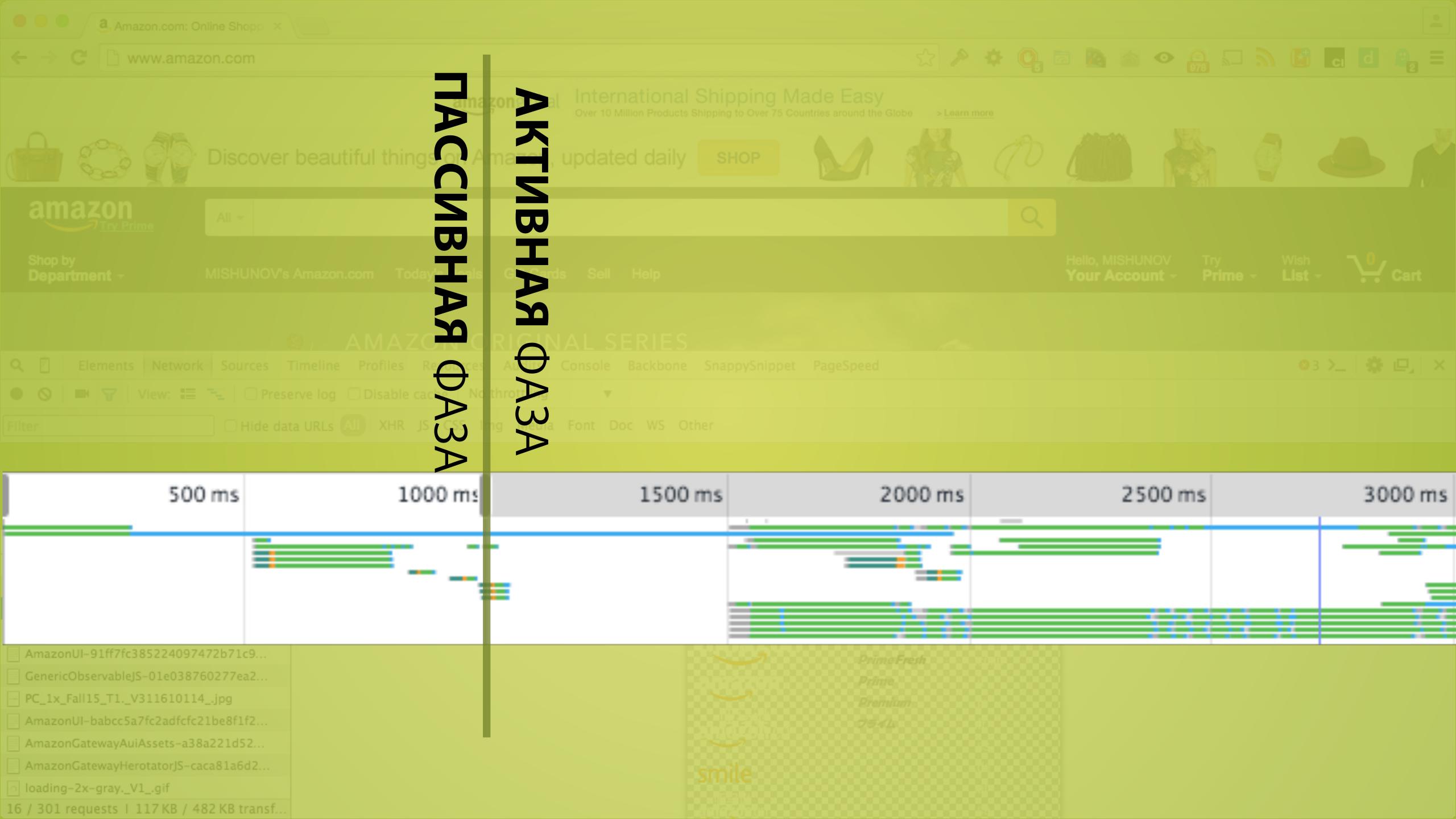






ACTIVE PHASE





OCCUPIED TIME FEELS SHORTER
THAN UNOCCUPIED TIME.



БАЛАНС МЕЖДУ АКТИВНОЙ И ПАССИВНОЙ ФАЗАМИ.

PEOPLE WANT TO GET STARTED



ПРЕДВАРИТЕЛЬНЫЙ СТАРТ.

ANXIETY MAKES WAITS SEEM LONGER.



СУБЪЕКТИВНЫЙ ПАРАМЕТР. СЛОЖНО КОНТРОЛИРОВАТЬ В ВЕБ.

THAN KNOWN, FINITE WAITS.



ПРОГРЕСС-ИНДИКАТОРЫ.

UNEXPLAINED WAITS ARE LONGER THAN EXPLAINED WAITS.



ПРОГРЕСС-ИНДИКАТОРЫ.

UNFAIR WAITS ARE LONGER THAN EQUITABLE WAITS.



СООТВЕТСТВУЙТЕ ОЖИДАНИЯМ ПОЛЬЗОВАТЕЛЯ.

THE MORE VALUABLE THE SERVICE, THE LONGER THE CUSTOMER WILL WAIT.



SOLO WAITS FEEL LONGER THAN GROUP WAITS.



НЕ ПОДДАЕТСЯ КОНТРОЛЮ В ВЕБ.



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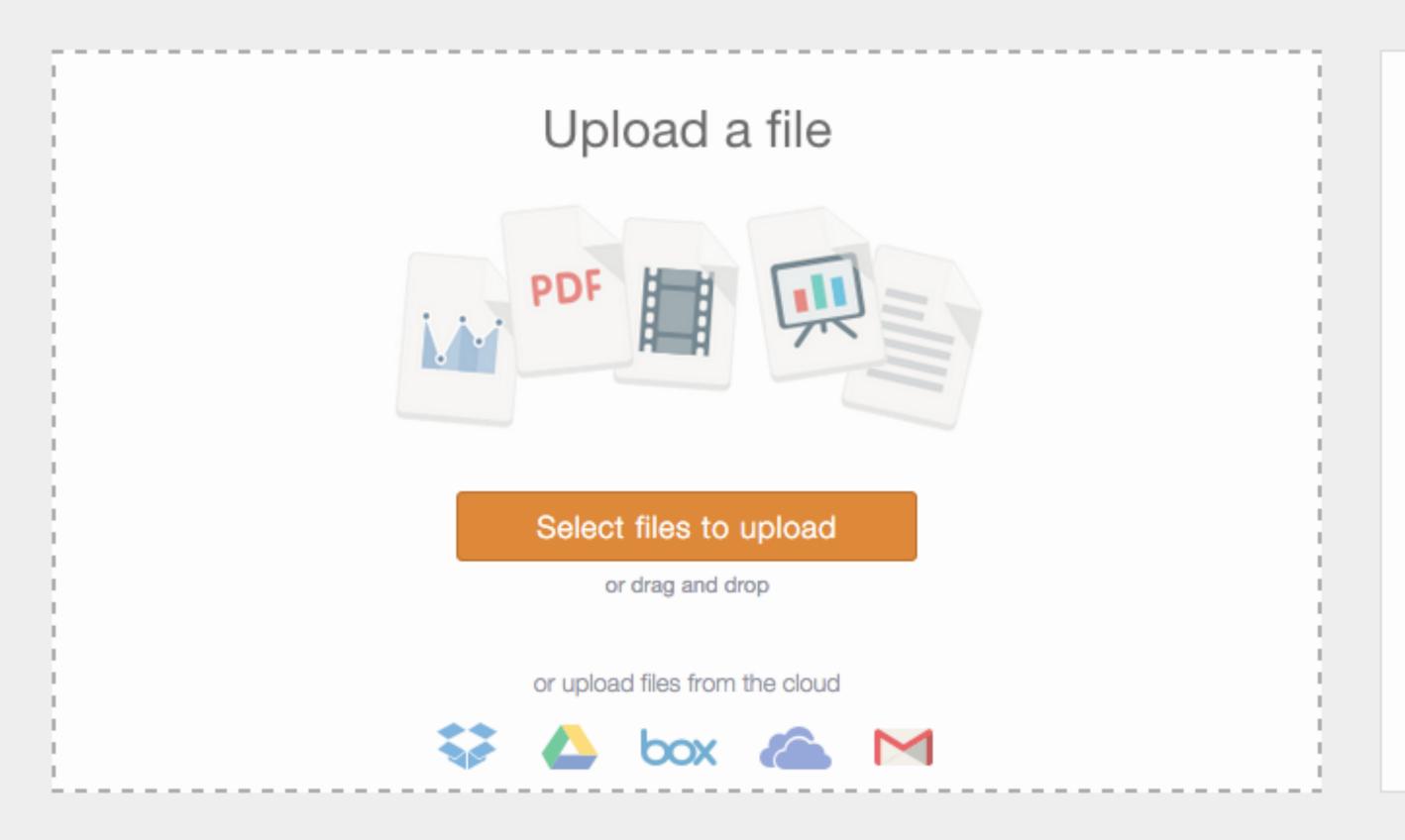
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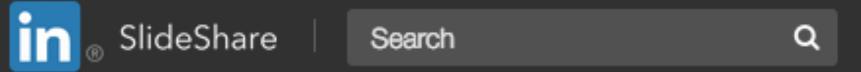
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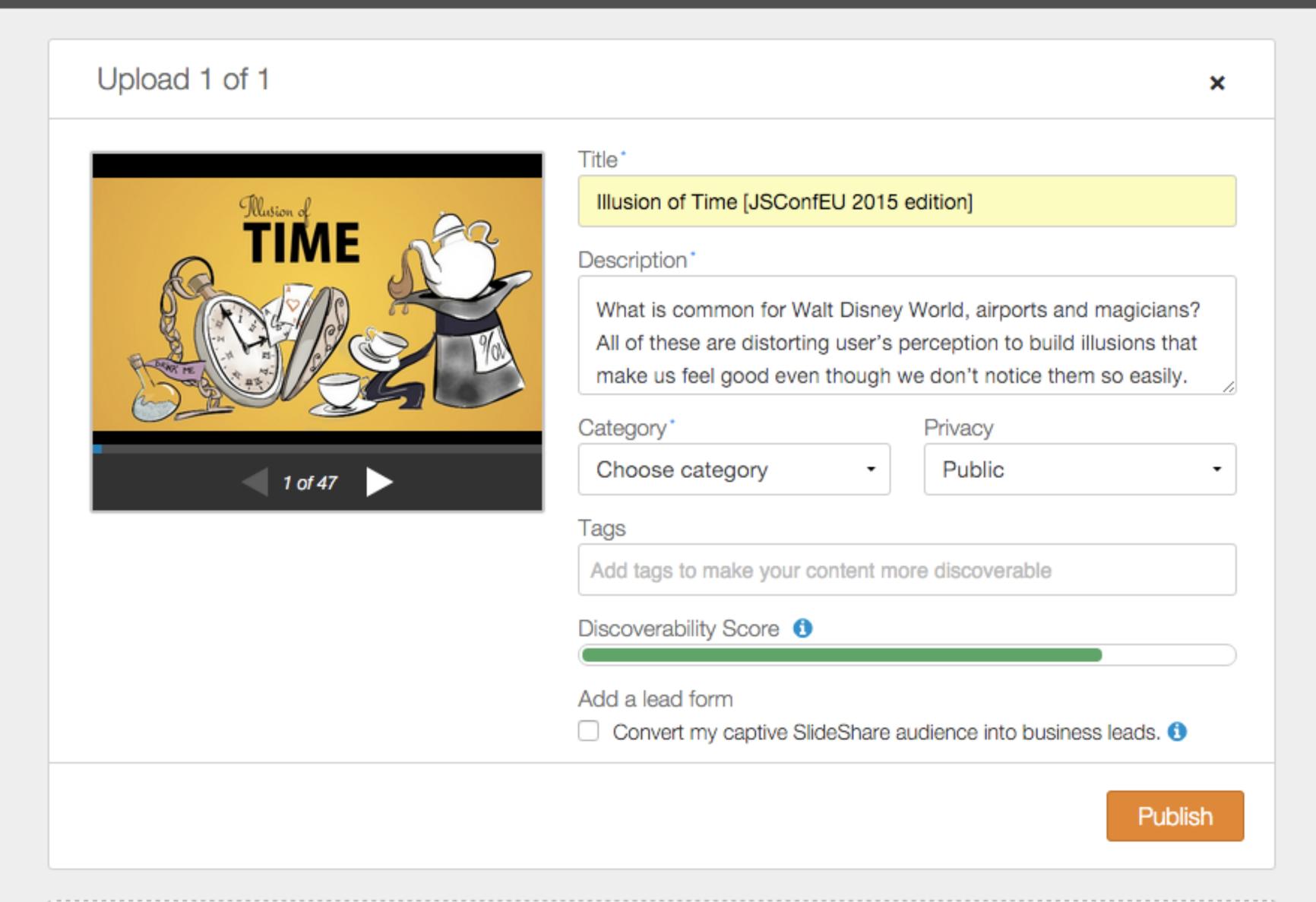
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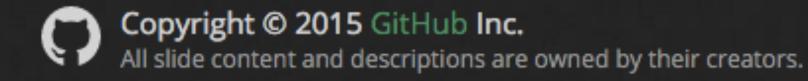
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Description

What is common for Walt Disney World, airports and magicians? All of these are distorting user's perception to build illusions that make us feel good even though we don't notice them so easily. Those are time illusions. Developers, as magicians, can use the same

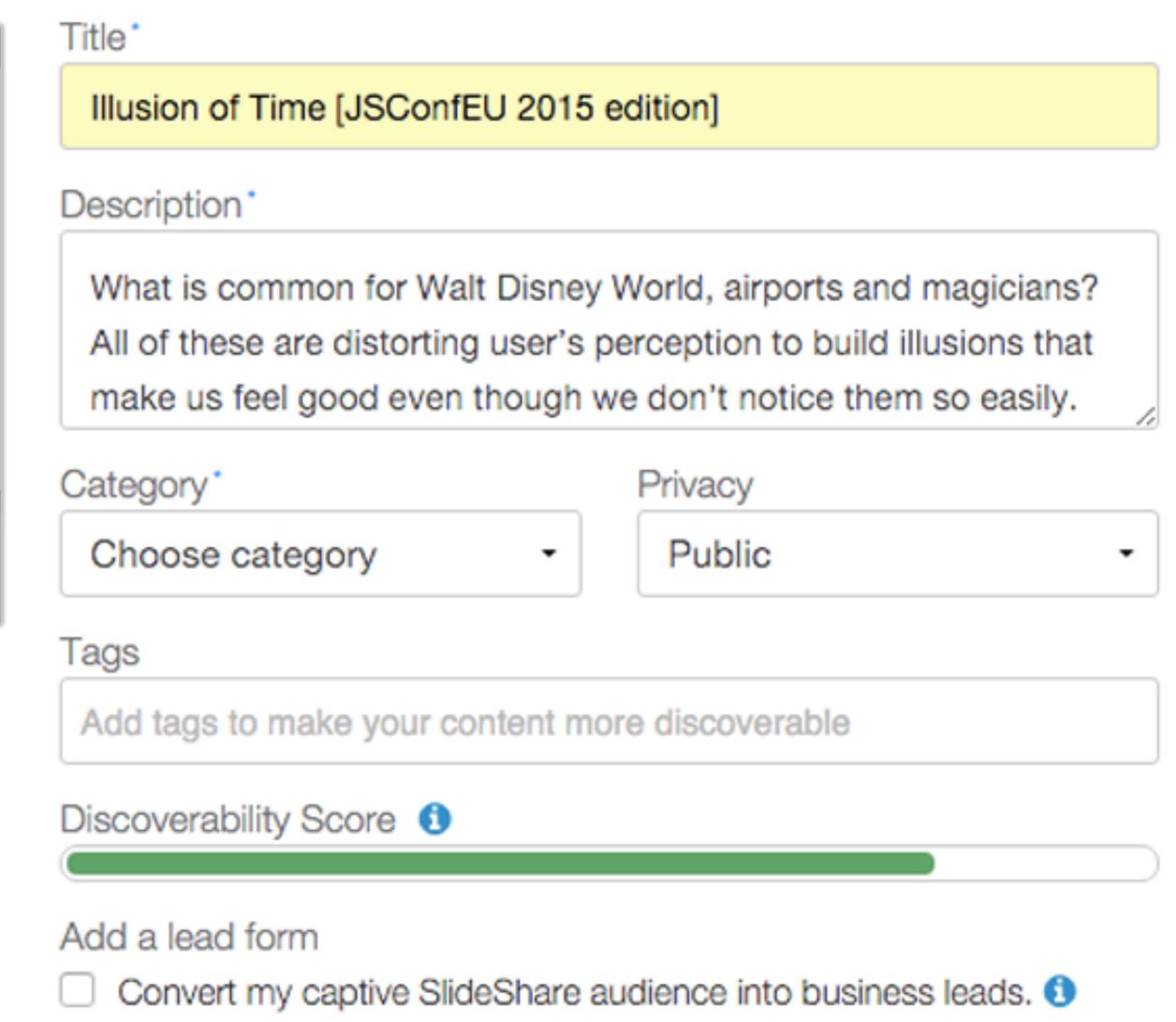
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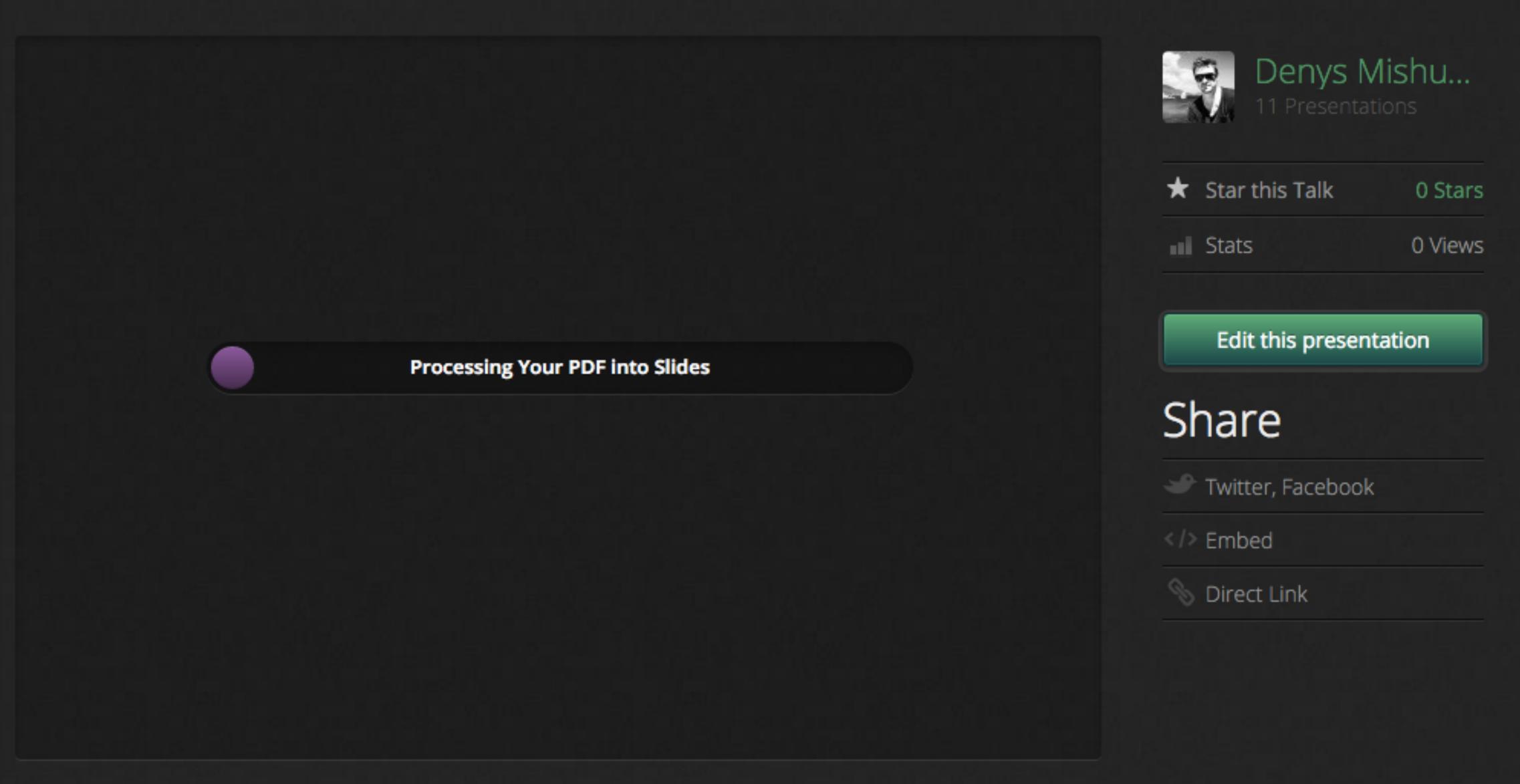
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Presentation updated successfully.



Illusion of Time [JSConfEU 2015 edition] by Denys Mishunov

Published September 25, 2015 in Technology

ПОЛЕГЧЕ, ПАРНИША



Быстрее может быть лучше, но только если **скорость** это именно то чего **хочет пользователь**. Не каждый пользователь желает закончить контакт с вашей компанией со скоростью света.

William J. McCenven

UNFAIR WAITS ARE LONGER THAN EQUITABLE WAITS.

THE MORE VALUABLE THE SERVICE,
THE LONGER THE CUSTOMER
WILL WAIT.



СООТВЕТСТВУЙТЕ ОЖИДАНИЯМ ПОЛЬЗОВАТЕЛЯ



SHOCKING DISCOVERY:

SHOCKING DISCOVERY:

Fnb.co.za PROGRESS BAR is a

THIS BANK HAS A TOTALLY

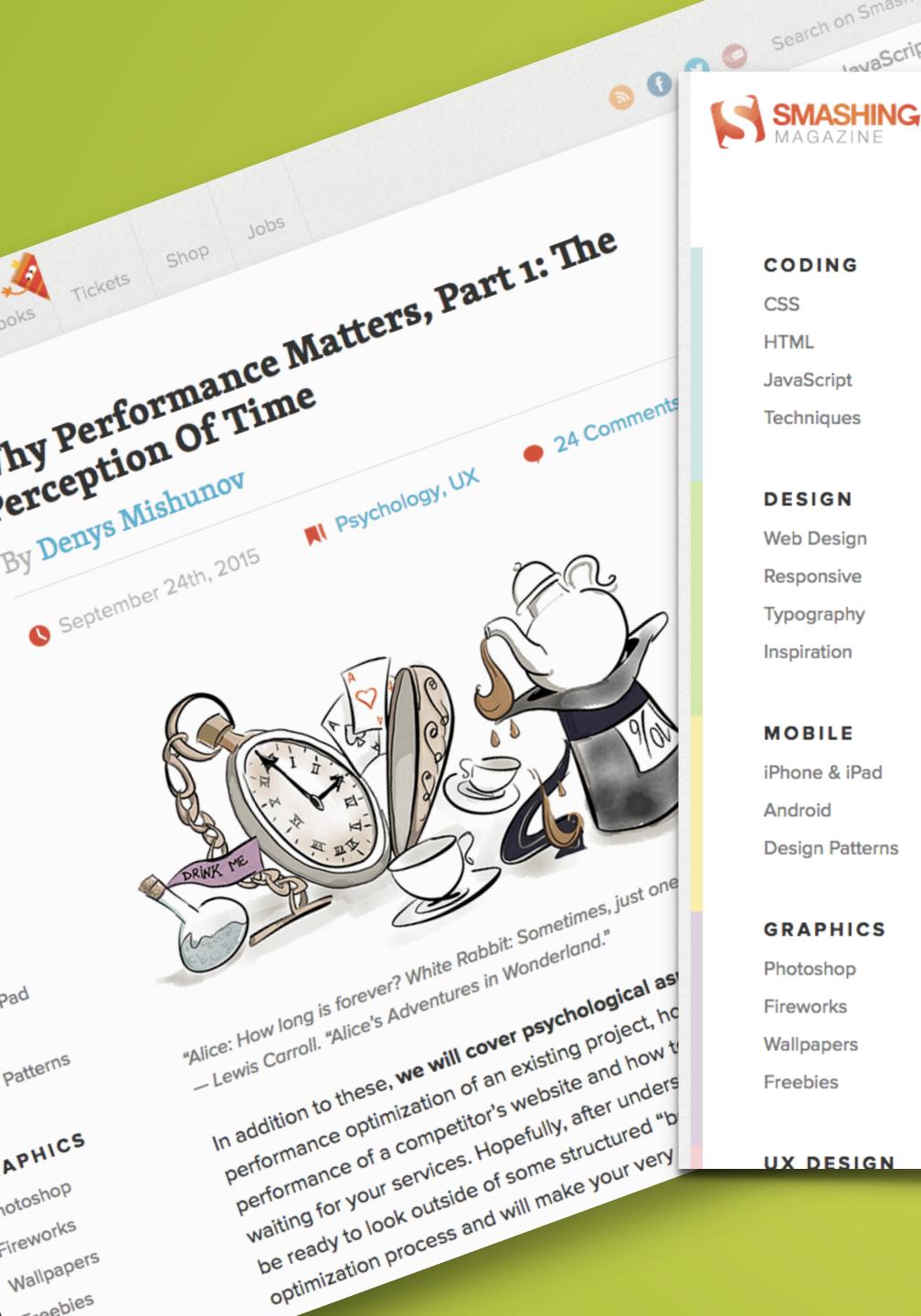
FAKE

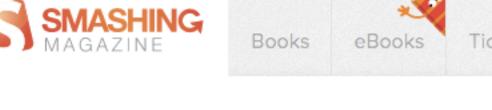
PROGRESS BARI

THIS IS SOME NEXT-LEVEL

BULLSHIT



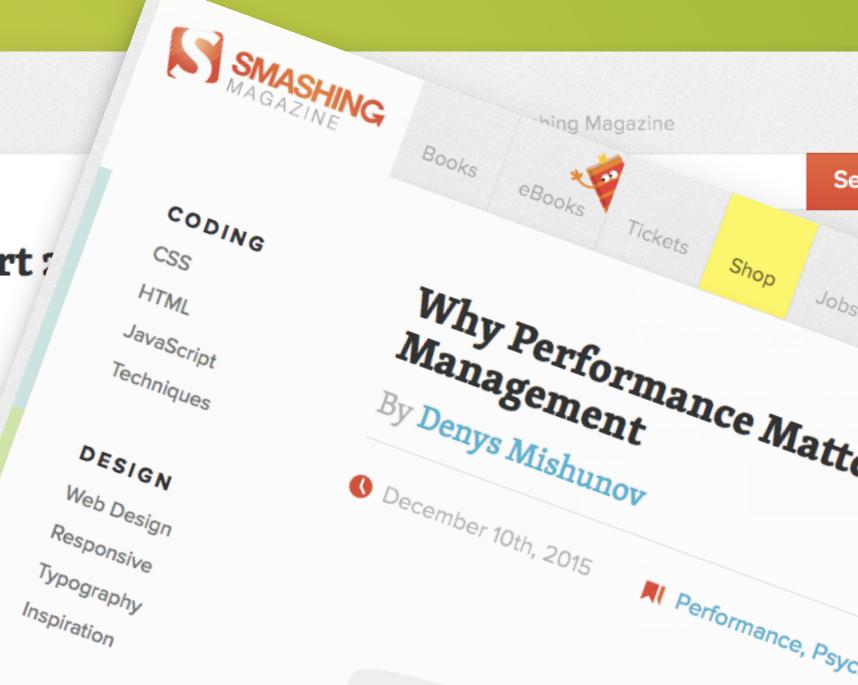








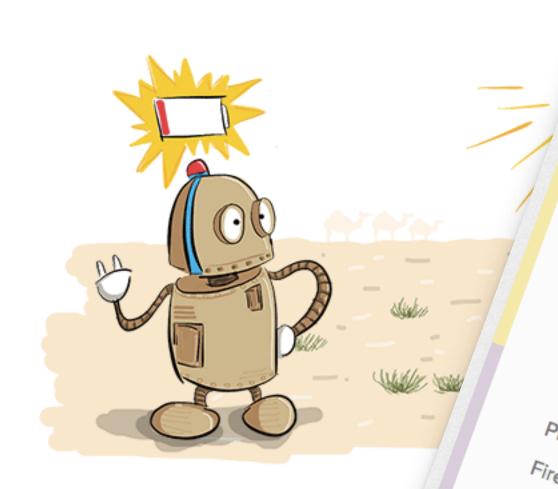
Shop



Why Performance Matters, Part Management

By Denys Mishunov

November 5th, 2015



Psychology, UX

MOBILE iPhone & iPad Android Design Patterns

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In addition to technical limits, the indispensable part of what we call "pendux personstitute a "performant" website on their own. FS/GN absolute time values for a couple of websites. (To keep the hidden for now.)

What can we do when there is no active wait at all? Niew large

Waits without an active phase happen quite often in the offline world: waiting for a hue qualing in an amuse mant nari checkout line to the till, waiting for a bus, queuing in an amusement park in wait the more negative checkout line to the till, waiting for a was, queuing in an alignment of that the longer the user has to wait, the more negative to the Wait. User reaction to a Wait online is no different from that in the of Studies based on the analysis of more than a thousand cases identify to of Waiting situations on the Web. Being dependent on our nears

https://goo.gl/DMLdz1

Every technical solution has its limits. (V