

# Yandex and W3C

~~Charles McCathieNevile~~

**Chaals / Чаальз**

**Consultant, CTO office**

**Яндекс**



# Themes

W3C

Why Join?

The standard Pipeline

What can Яндекс do?

A little bit of truth-telling...

# W3C

Started in 1994

Hosts: Boston, Nice, Tokyo

Director: @timbl

Does: Open Web Platform

Member-driven

# W3C members

Browsers, Hardware

Content producers

User organisations

Research, gov't, ...

global recognition,

royalty-free patent policy

# W3C members

## **Full (€70k)**

Major companies

## **Affiliate (€7k)**

R&D/Education, gov, ...

Small companies

## **Startup (€1k)**

New category

# W3C members

Propose work

Join any groups

Advisory Committee

Elect AB, TAG

Control Process

"Are all equal"

# Why join?

Propose work

Join groups

Anticipate news

Shape standards

(for Russia/CIS, and...)

Connect our community

# Яндекс in W3C

HTML WG

(WHATWG CG)

Web Apps WG

Accessibility

Patents/Standards

Core Mob CG



# We also watch

Multilingual Web

Semantic Web

-> [schema.org](http://schema.org)

Security

Payment

Web ID

# More to watch

Offline or installed apps

Local /shared data storage

Geolocation, orientation

Device APIs, new input types

CSS - adaptation, animation, fonts,...

Audio, speech, RTC, ...

# Upcoming work

Web Intents (cloud-based "plugins")

Components (custom elements)

DRM (content protection)

Adaptive streaming

Support detection

Adaptive images

More Device APIs

# What about?

Common payment APIs

Cross-device input

Real File systems

Push messaging

Musical notation

What else is missing?

# Beyond W3C

ECMA: Javascript

IETF: protocols

Khronos: WebGL

Unicode

And more...

# What can Яндекс do?

Propose ideas

(Knowing W3C helps)

Russian perspective

Equality is relative...

But implementation rules

Connecting communities

# The mobile truth

Mobile Web is "catching up"

Push for closed platforms

Wide fragmentation

Standards are slow

- but spread widely

(Coremob: pushing interoperability)

# WHAT about HTML5?

WHAT-WG: a pressure group

Smart people

"Living Standards"?!?!

W3C

"Legal" Recognition

Patent Policy

The world needs "both kinds"



# The patent truth

Rule: Never say "patent"

Patents matter

No policy is perfect

W3C policy is pretty good...

*BUT*

Patents used to slow W3C

Format wars

Спасибо

chaals@yandex-team.ru

**There are no foolish questions  
- fools do not question**