

Aplicações em HTML5 para interação com a TV Digital

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Cenário da Web

Mobile Applications

Geolocation APIs

Web Fonts

HTML

WOFF

DOM



SMIL



SKOS

SPARQL

RDF

WCAG Widgets

Ecosystema aberto

Javascript APIs

OWL

POWDER



Qualquer pessoa pode participar



The image features a collection of stylized electronic devices on a blue background. At the top left is a laptop with a light blue screen. To its right is a tablet and a smartphone, both with light blue screens. Below the laptop is a large desktop monitor with a light blue screen. To the right of the monitor are several other devices: a smartwatch, a small smartphone, a larger smartphone with a white plus sign on its screen, a camera, and another smartphone. A white horizontal banner with black text is overlaid across the middle of the image.

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Tecnologias Web possibilitam a melhora da interatividade da TV

Video on demand portals



Individualised advertisement



Social network interaction



Integrated shopping

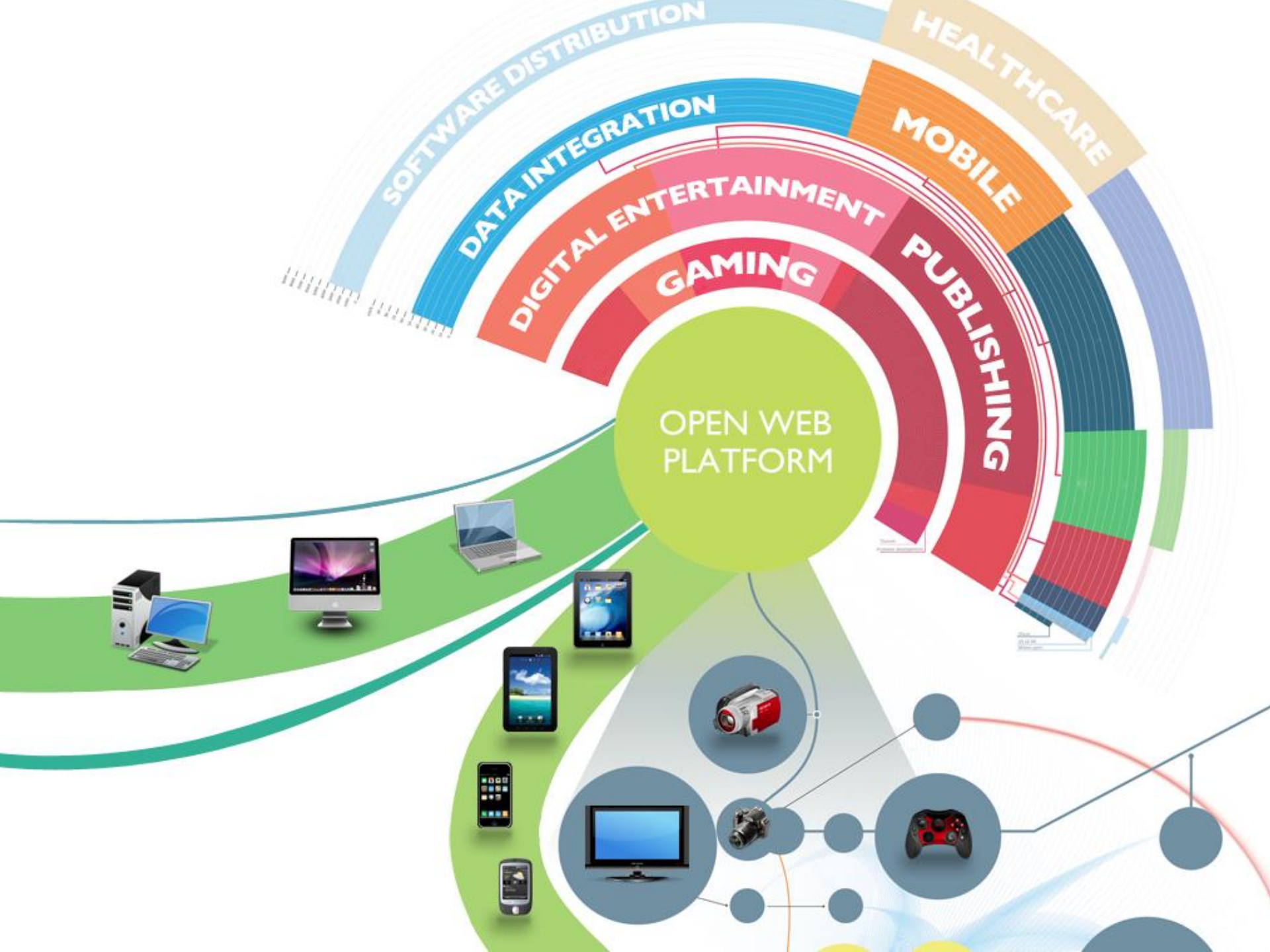


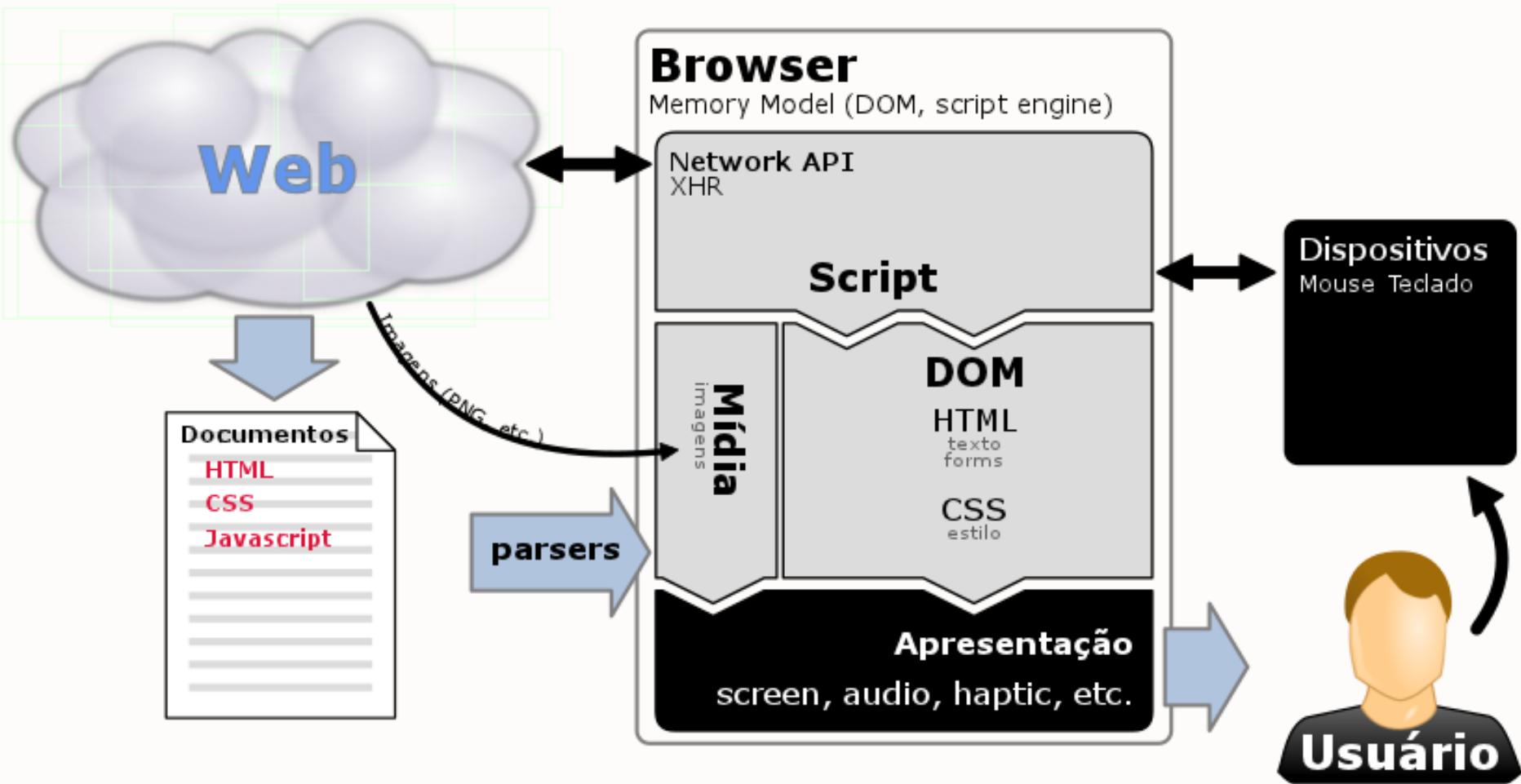
HTML

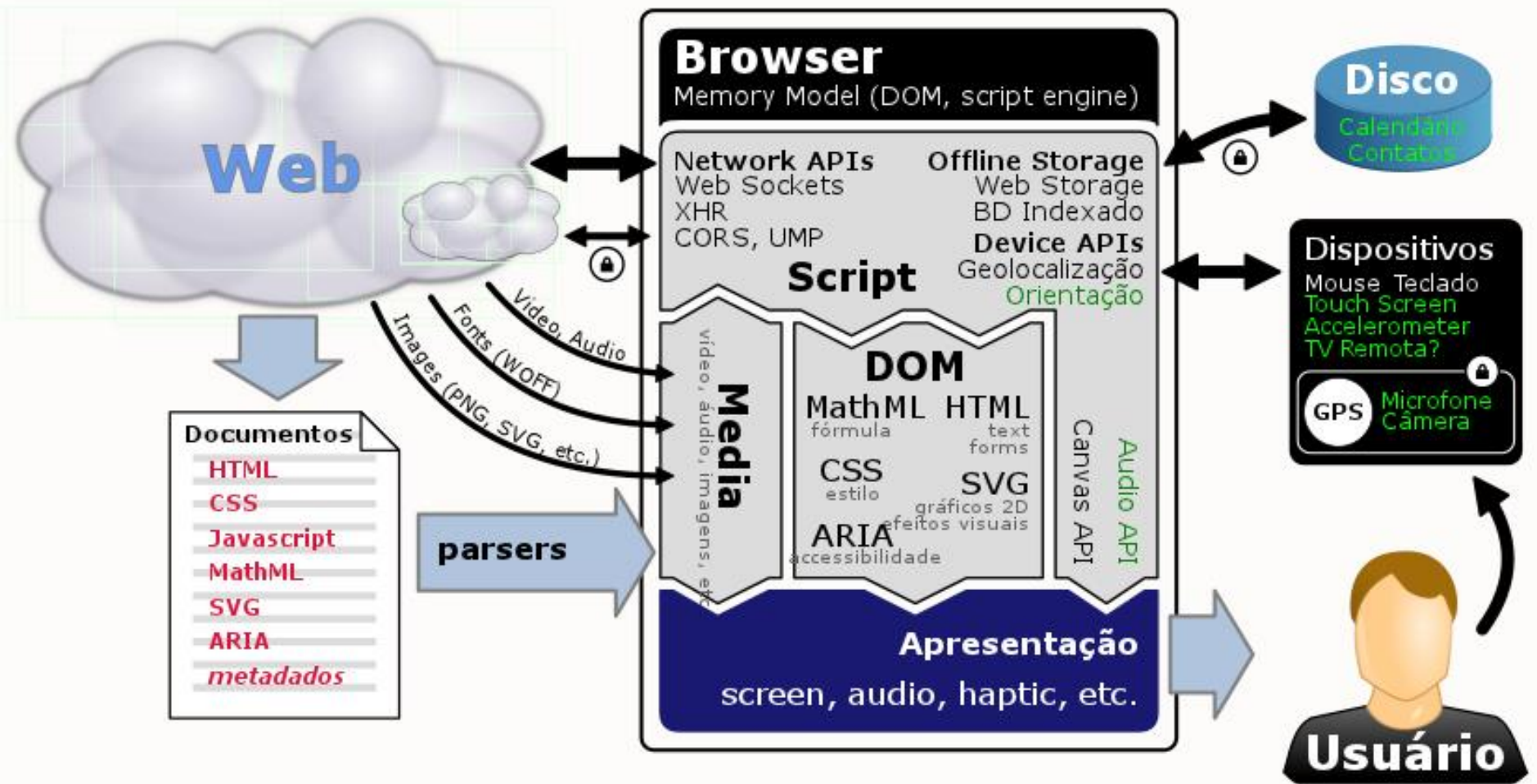


"HTML5 will be an essential technology for organizations delivering applications across multiple platforms"

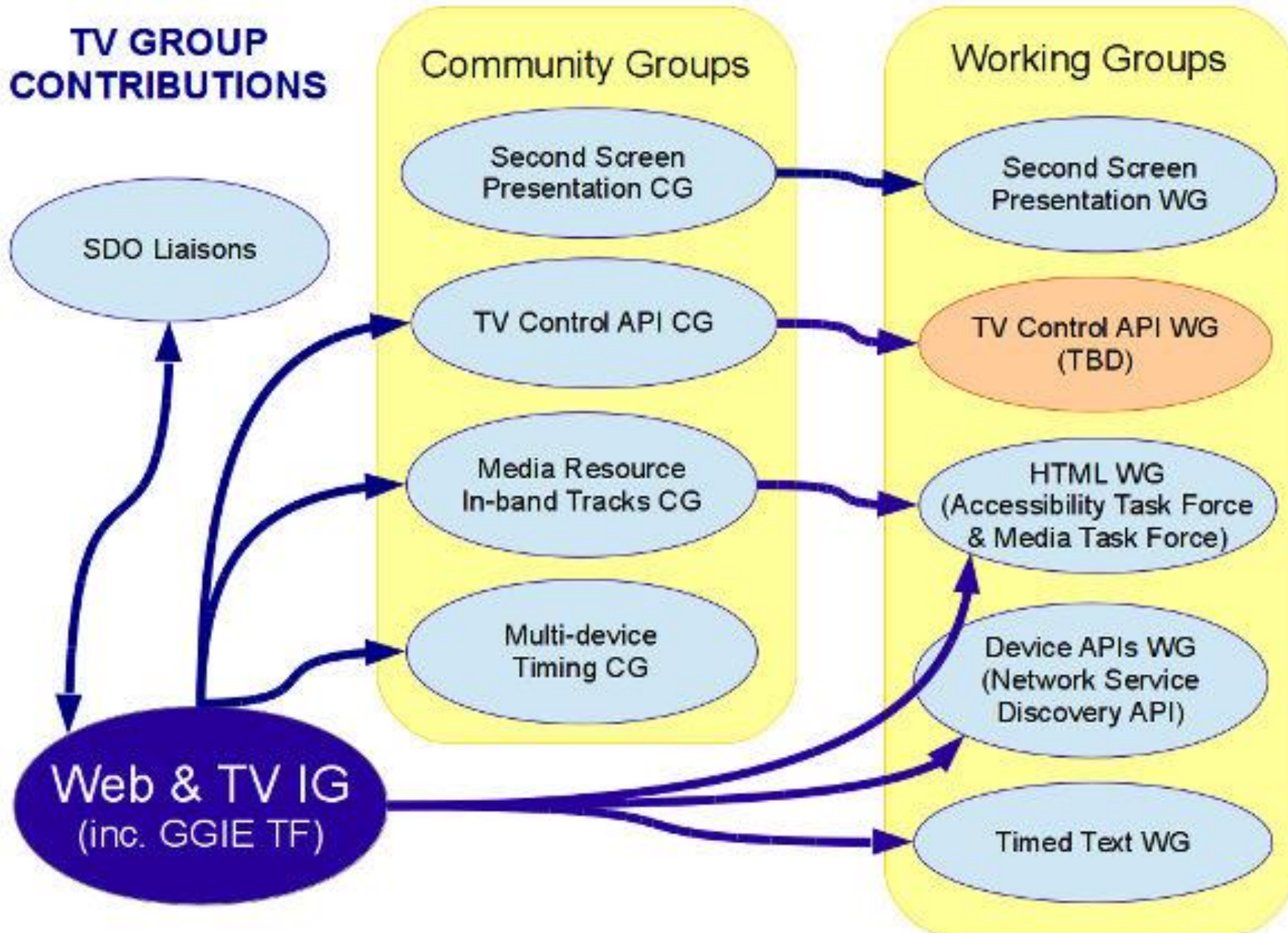
Gartner, February 2014:
www.gartner.com/newsroom/id/2669915



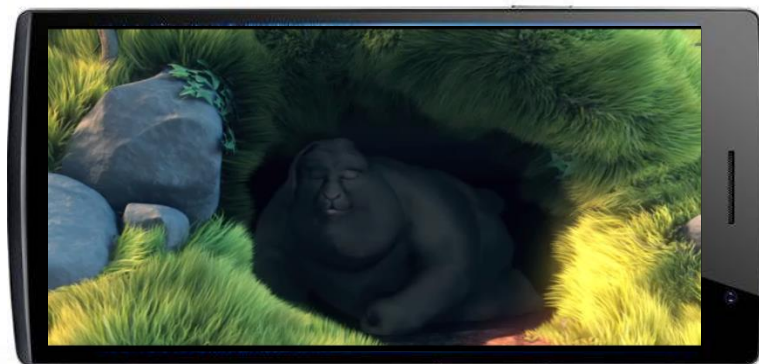


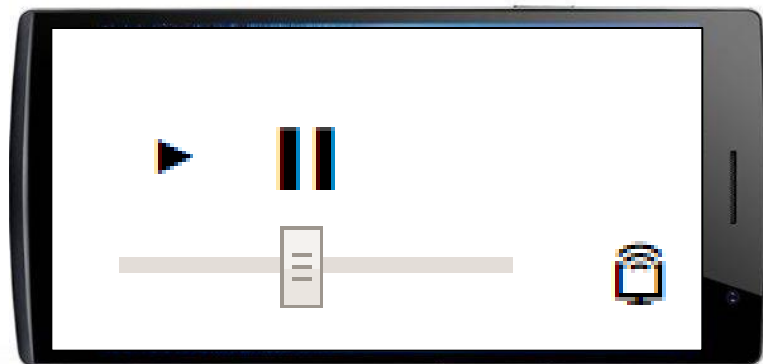


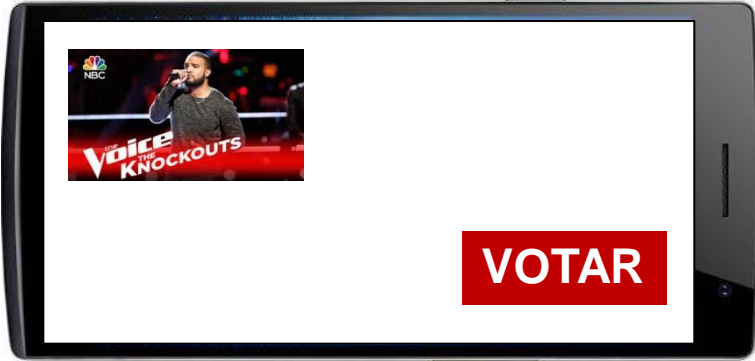
TV GROUP CONTRIBUTIONS

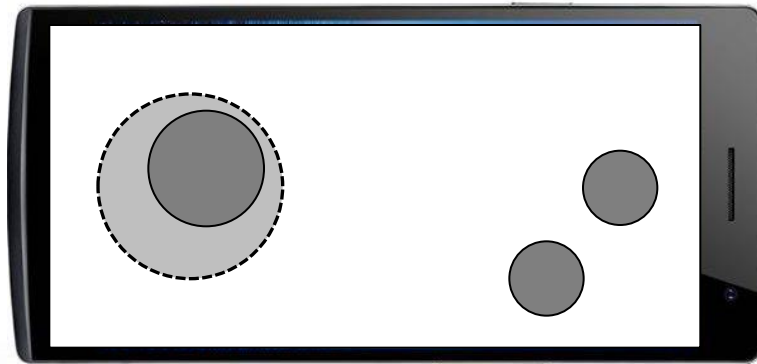
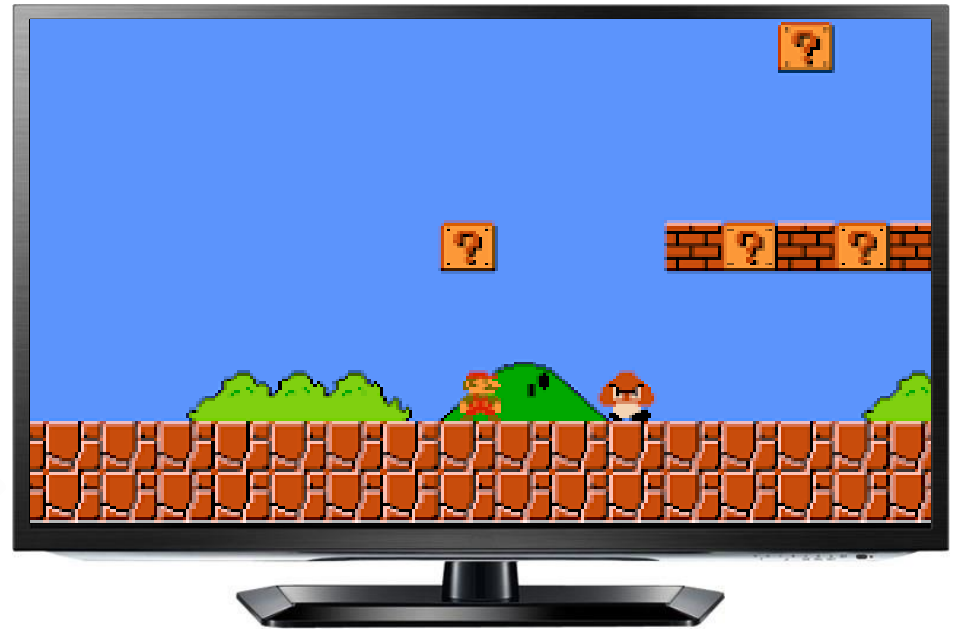


SecondScreen (Presentation API)









WebRTC

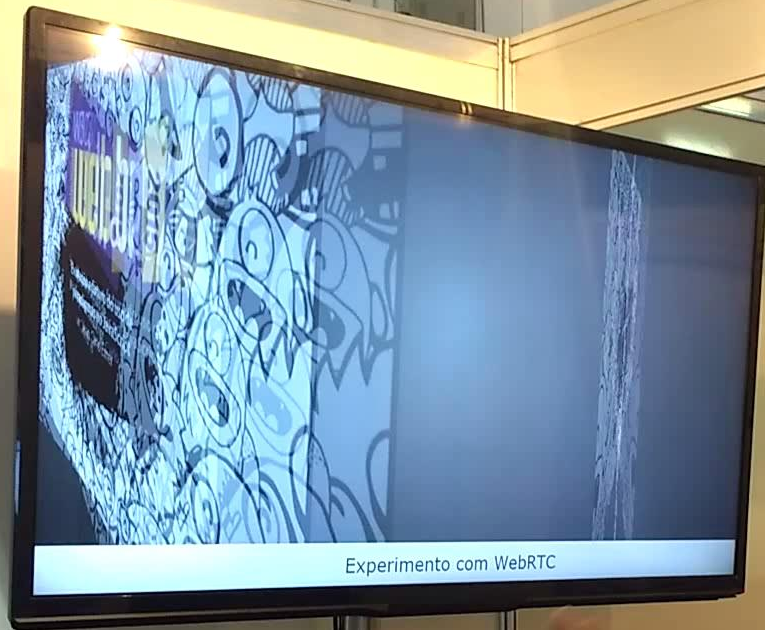


Hang up

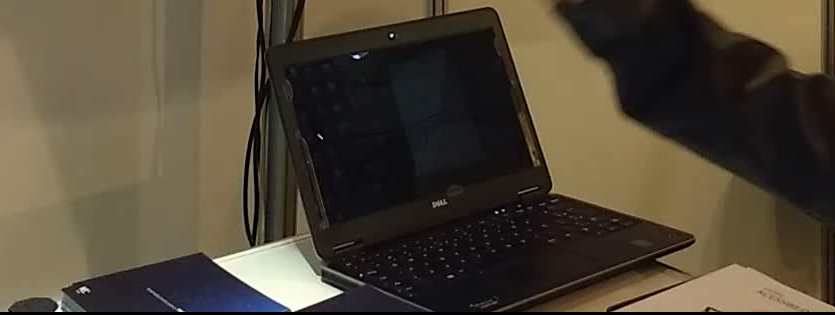
Edward Jones CHATTING CAGE *with* MIKE FERRIN







Experimento com WebRTC



TTML e WebVTT

```

<?xml version="1.0" encoding="UTF-8"?>
<tt xml:lang="en" xmlns="http://www.w3.org/2006/04/ttaf1">
  <head>
    <layout/>
  </head>
  <body>
    <div id="captions">

      <p begin="00:00:01.000" end="00:00:03.720">
Acessibilidade na Web
      </p>
      <p begin="00:00:04.200" end="00:00:06.920">
Custo ou Benefício?
      </p>
      <p begin="00:00:12.760" end="00:00:13.020">
[ TAB ]
      </p>
      <p begin="00:00:13.040" end="00:00:13.880">
[ INTERNET ]
      </p>

      <p begin="00:00:14.040" end="00:00:14.500">
[ ENTER ]
      </p>
      <p begin="00:00:15.400" end="00:00:16.420">
Eu sou Lêda Lucia
      </p>
      <p begin="00:00:16.960" end="00:00:18.880">
e eu adoro a internet.
      </p>
      <p begin="00:00:19.600" end="00:00:20.640">
Porque eu posso me comunicar
      </p>
      <p begin="00:00:20.680" end="00:00:22.760">
com as
      </
      <p
posso
      </
      <p
revist
      ..

```



1.680">
3.040">

WEBVTT

```

1
00:00:00.000 --> 00:00:02.300
Olá, o meu nome é MPJ.

2
00:00:02.550 --> 00:00:04.550
Meu nome completo é Mattias Petter Johansson.

3
00:00:05.250 --> 00:00:12.050
Mas vamos ser sinceros, você tem tanta chance de pronunciar isso corretamente do
que eu pronunciar "refeição" em português.

4
00:00:12.050 --> 00:00:13.800
Efeiciauuuu (Ele tentou falar "refeição")

5
00:00:13.850 --> 00:00:21.050
Eu moro na Suécia, um país que é basicamente o oposto do Brasil:
É pequeno, frio e introvertido.

6
00:00:21.400 --> 00:00:28.000
Alguns de vocês devem me conhecer pois nos fins de semanas eu produzo um show no
Youtube, chamado "FunFunFunction".

7
00:00:28.100 --> 00:00:33.650
Durante a semana eu trabalho no Spotify, como desenvolvedor JavaScript no cliente
desktop,

8
00:00:33.900 --> 00:00:38.000
que é uma das mais avançadas aplicações JavaScript do mundo.

9
00:00:38.400 --> 00:00:41.700
Eu estou muito entusiasmado por ir palestrar na BrazilJS,

10
00:00:41.950 --> 00:00:47.550
por que o BrazilJS é a maior conferência JavaScript do mundo.

11
00:00:47.650 --> 00:00:51.250
E isso é o meu maior compromisso como palestrante de todos os tempos.

```

[music]



00:05

Oportunidades e perspectivas



360°

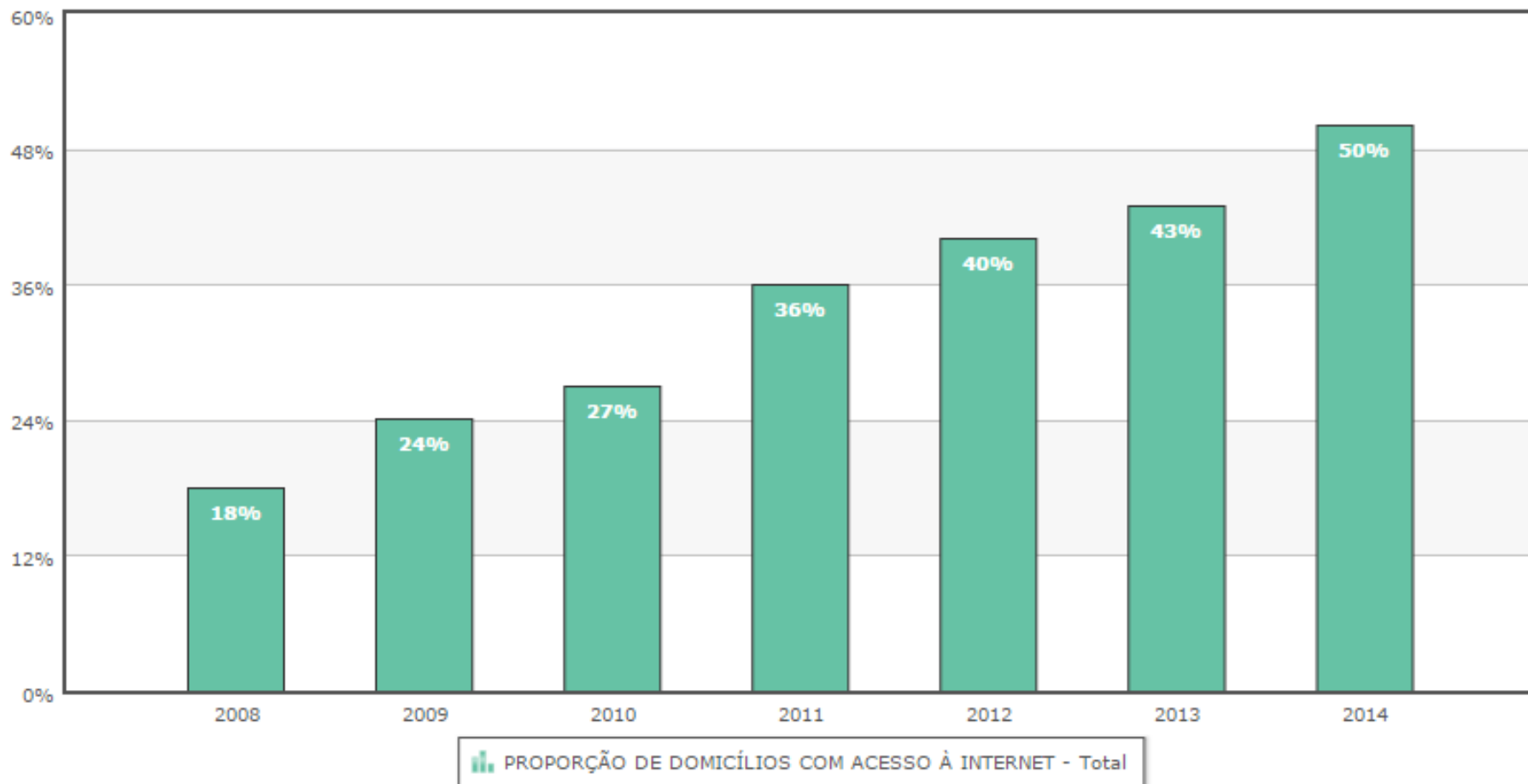
Globally, IP video traffic will be **82 percent** of all consumer Internet traffic by 2020, up from 70 percent in 2015.

White paper: Cisco VNI Forecast and Methodology, 2015-2020

It would take an individual more than 5 million years to watch the amount of video that will cross global IP networks each month in 2020.

White paper: Cisco VNI Forecast and Methodology, 2015-2020

A4 - PROPORÇÃO DE DOMICÍLIOS COM ACESSO À INTERNET Percentual sobre o total de domicílios(1)



Fonte: Cetic.br



Internet das Coisas na Web

W3C®

Obrigado

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