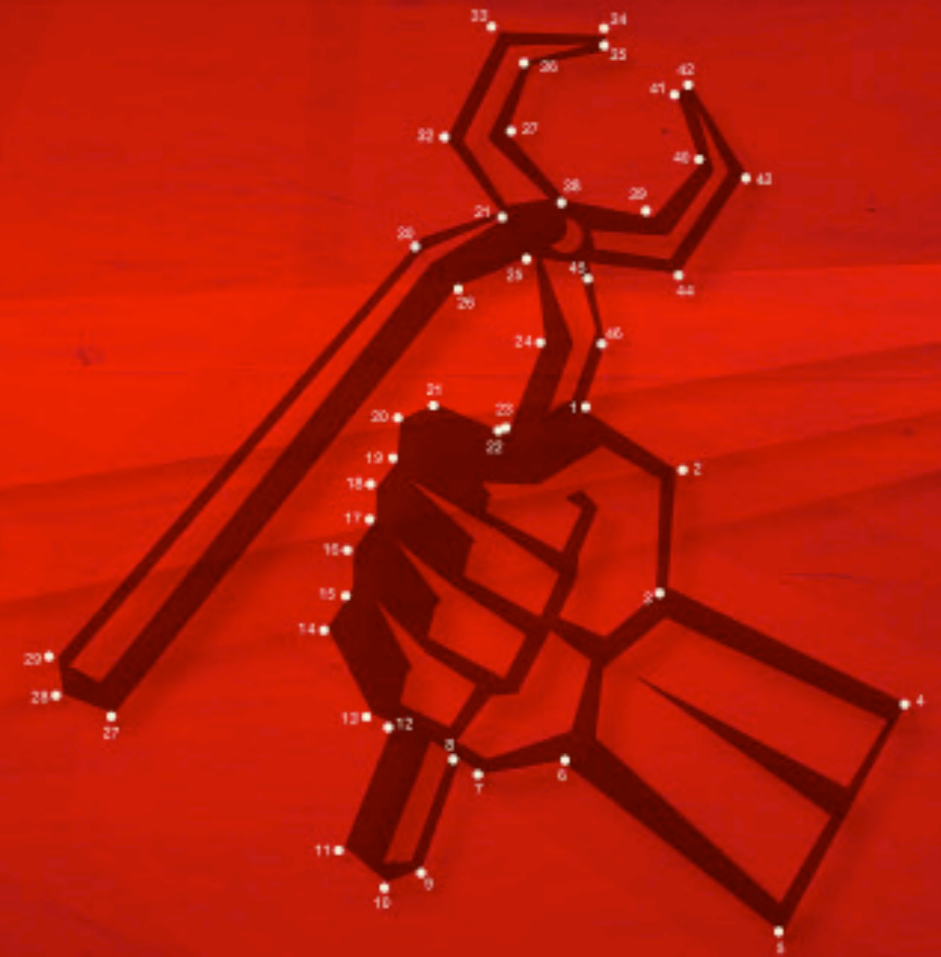


Open the Web

Making the Web open for everyone

by David Storey



Bio

- Chief Web Opener at Opera Software
- Product Manager Opera Presto & Opera Dragonfly
- W3C Mobile Web Best Practices WG Member
- Author, CSS3.info

Value of *Open* Standards



*“Anyone who slaps a ‘this page is best viewed with Browser X’ label on a Web page appears to be yearning for the **bad old days**, before the Web, when you had very little chance of reading a document written on another computer, another word processor, or another network.”*

– Sir Tim Berners-Lee



oops...



Sorry, but this browser does not support web presentations.

We recommend you try Google Docs on:

- [Safari](#): 3.0 or higher
- [Mozilla Firefox](#): 1.5.0.12 or higher
- [Camino](#): 1.0 or higher

All of these are **FREE** and easy to download and use.

Note that Beta versions of some browsers may not be supported.

Cross everything

Browser



Platform



Device



Write once, deliver
everywhere



Build to **standards**,
adapt for legacy browsers



*“The power of the Web is in its **universality**. Access by everyone regardless of disability is an essential aspect.”*

– Sir Tim Berners-Lee



Accessibility

- Not *just* for disabled people
- Older people often need to increase text size
- Think of it as investing in *your* future



Reduce **costs,**
bandwidth,
time to market
& maintenance



Open the Web



All sites *must* work



We work with Web
Developers and site owners
to *ensure* sites work in Opera
and other *standards-aware*
browsers.



Methods

- Contact sites when issue occurs
- Help developers when they have an issue
- Evangelism and outreach
- Developer education



Opera Web Standards Curriculum

HTML CSS DOM JavaScript Accessibility



How you can help

- Develop to standards, not IE
- Report issues you find
- Spread the word



Why do sites **break**?



A nighttime photograph of a city skyline, likely Seoul, South Korea. The central focus is the Lotte World Tower, a tall, slender skyscraper with a distinctive curved top, illuminated with green and yellow lights. To its left is another tall building with a white crown-like top. The rest of the skyline consists of various other high-rise buildings, some with glowing windows. In the foreground, a body of water reflects the city lights, and a line of streetlights with warm yellow glow is visible. The sky is a deep blue, suggesting twilight.

case study:
Korea

Almost *every* site in
South Korea
only works in
Internet Explorer



Why?

- US government ban on encryption export
- Created ActiveX based solution
- Result: IE monopoly
- Sites fall foul of IE bugs and don't follow standards
- Many sites broke when Vista was released



Case study: India



Many government &
religious sites show
garbled text in
non-IE browsers



Why?

- Popular platforms were not Unicode aware
- Unable to show text in Indian scripts
- Used EOT embedded fonts
- EOT only works in IE and Windows
- Unicode support now common, but sites are not updated

Success



Innovation

dev.opera.com labs.opera.com www.opera.com



Open the Web



CSS 3

- Backgrounds and Borders
- Selectors
- Web Fonts
- Opacity
- Media Queries

HTML 5

- Canvas
- Web Forms 2
- Offline storage
- Video and Audio



SVG

A open vector graphics format, which can fully *interact* with other standards



Geolocation API...

defines an API that provides scripted access to geographical location information associated with the hosting device



Thanks!

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