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

tokyo art map

by TOKYO ART MAP

Tokyo Design Week

TOKYO ENCOUNTERS
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?
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
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!
dstorey@opera.com