

# HTML5 today

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# Outline

- Introduction
- Breaking news
- HTML5 features that work today
- Demos
- HTML5 features that don't work yet
- Conclusion

Breaking News:  
*new* “HTML: The  
Markup Language”  
draft spec

Some “insider” thoughts  
on the HTML Working  
Group and HTML5

HTML5 features that  
work in browsers *now*

- **canvas** element: scriptable image

- **video** and **audio** elements:  
embed interactive video  
and audio easily, without  
plugins

- new form attributes & APIs, for client-side form validation & new native form widgets in browsers



- API for offline Web applications:  
ApplicationCache

- APIs for client-side data storage per-session (`sessionStorage`) and persistently across sessions (`localStorage` and client-side SQL database storage)

- `postMessage()` mechanism  
for cross-document  
messaging

- API for native drag-and-drop  
(without need for script  
library)

- native

getElementByClassName

Somewhat related  
work outside of the  
core HTML5 effort...

- SVG in Opera, Mozilla, WebKit
- CSS3 Selectors
- Selectors API

Demos:

[http://www.whatwg.org/  
demos/2008-sept/](http://www.whatwg.org/demos/2008-sept/)



HTML5 features that  
*don't* yet work in  
browsers :(

- `<time>`

- `<progress>`, `<meter>`

- `<command>`, `<bb>`, `<menu>`

- `<datagrid>`

- Web Sockets

# Conclusion

## What's ahead?