

# HTML5 Support 7/23/2012

## Parsing Rules

<!DOCTYPE html> triggers standards mode

HTML5 tokenizer

HTML5 tree building

SVG in text/html

MathML in text/html

## Canvas

canvas element

2D context

Text

## Video

video element

Poster image support

## VIDEO Codecs

## Audio

audio element

## AUDIO codecs

MP3 audio

AAC support

## Elements

Embedding custom non-visible data ( New or modified elements)

### Section elements

nav element

article element

aside element

hgroup element

header element

footer element

figure element

figcaption element

mark element

rp element

wbr element

summary element

menu element

### Global attributes or methods

hidden attribute

### Dynamic markup insertion

outerHTML property

insertAdjacentHTML function

## Forms

### Field types

input type=text

Minimal element support

Selection Direction

input type=search

Minimal element support

input type=tel

Minimal element support

input type=url

Minimal element support

Field validation

input type=email

Minimal element support

Field validation

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

Minimal element support

Value sanitization

Field validation

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

input type=range

Minimal element support

### **Custom user-interface**

Value sanitization

min attribute

max attribute

step attribute

stepDown() method

stepUp() method

input type=checkbox

Minimal element support

indeterminate property

Minimal element support

Minimal element support

select

Minimal element support

required attribute

Minimal element support

list attribute for fields

keygen

Minimal element support

challenge attribute

keytype attribute

output

Minimal element support

### **Fields**

#### **Field validation**

pattern attribute

required attribute

#### **Association of controls and forms**

control property on labels

form property on fields

formAction property on fields  
formEnctype property on fields  
formMethod property on fields  
formNoValidate property on fields  
formTarget property on fields  
labels property on fields

autofocus attribute  
autocomplete attribute  
autofocus attribute  
placeholder attribute  
multiple attribute

### **CSS selectors**

:valid selector  
:invalid selector  
:optional selector  
:required selector

### **Events**

oninput event  
onchange event  
oninvalid event

### **Forms**

#### **Form validation**

checkValidity method  
noValidate attribute

## **User interaction**

### **Drag and drop**

draggable attribute

### **Events**

ondrag event  
ondragstart event  
ondragenter event  
ondragover event  
ondragleave event  
ondragend event  
ondrop event

### **HTML editing**

#### **Editing elements**

contentEditable attribute  
isContentEditable property

#### **Editing documents**

designMode attribute

### **APIs**

execCommand method  
queryCommandEnabled method  
queryCommandIndeterm method  
queryCommandState method  
queryCommandSupported method

queryCommandValue method

## **History and navigation**

Session history

## **Security**

Sandboxed iframe

## **Related specifications**

## **WebGL**

### **Native binary data**

ArrayBuffer

Int8Array

Uint8Array

Int16Array

Uint16Array

Int32Array

Uint32Array

Float32Array

Float64Array

DataView

## **Communication**

Cross-document messaging

Upload files

Text response type

Array buffer response type

## **Storage**

Session Storage

Local Storage

Web SQL Database

## **Workers**

Web Workers

## **Other**

Text selection