



Rogelio Ferreira Escutia



# **Características de HTML 5**

# ***Nuevas características***

- **Los ejemplos están en orden alfabético:**
  - **Almacenamiento.**
  - **Canvas.**
  - **Canvas 2D.**
  - **Formularios.**
  - **Sonido.**
  - **Video.**



**Hola Mundo**

# *Hola Mundo*

```
<!DOCTYPE html>
```

```
<!-- Hola mundo - Rogelio Ferreira Escutia -->
```

```
<html>
```

```
  <head>
```

```
    <meta charset="utf-8" />
```

```
    <title>Hola Mundo!!!</title>
```

```
  </head>
```

```
  <body>
```

```
    Hola Crayola!!!
```

```
  </body>
```

```
</html>
```



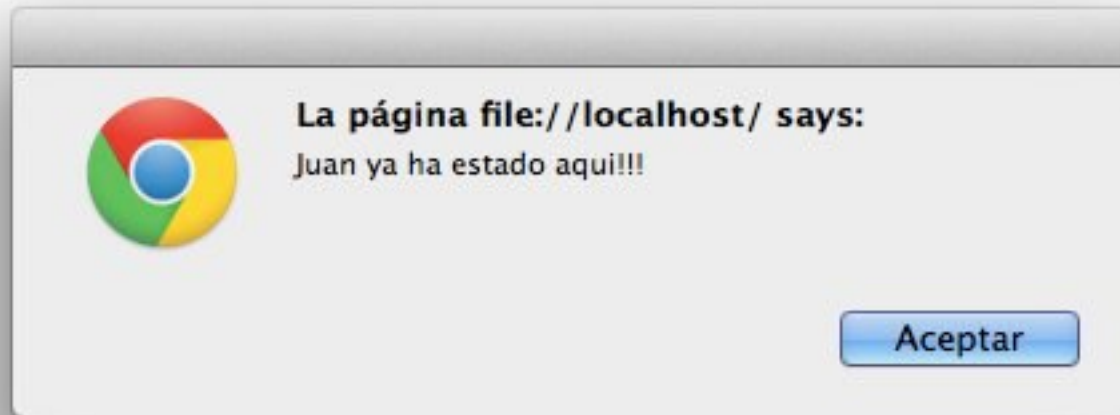
# Ejemplos de HTML 5

# Almacenamiento

```
<!DOCTYPE html>
<!-- almacenamiento - Rogelio Ferreira Escutia -->
<html>
  <head>
    <meta charset="utf-8" />
    <title>Almacenamiento</title>
    <script type="text/javascript">
      elnombre=localStorage.getItem("nombre");
      if (elnombre=="null" || elnombre==null) {
        window.alert("nadie ha estado aqui!!!");
        localStorage.setItem("nombre","Juan");
      } else {
        window.alert(elnombre + " ya ha estado aqui!!!");
      }
    </script>
  </head>
  <body>
  </body>
</html>
```



# Almacenamiento





# Reproducción de video

```
<!DOCTYPE html>
```

```
<!-- video - Rogelio Ferreira Escutia -->
```

```
<html>
```

```
  <head>
```

```
    <meta charset="utf-8" />
```

```
    <title>Video</title>
```

```
  </head>
```

```
  <body>
```

```
    <video width="640" height="360" src="google_main.mp4" controls  
autobuffer></video>
```

```
  </body>
```

```
</html>
```



# Formularios

```
<!DOCTYPE html>
<!-- formularios - Rogelio Ferreira Escutia -->
<html>
  <head>
    <meta charset="utf-8" />
    <title>Formularios</title>
  </head>
  <body>
    <h1>Formularios con HTML5</h1>
    <form action="aceptado.htm" method = "post">
      Correo Electrónico: <input type="email" name="correo"
autofocus="autofocus" required /><br/>
      Numero(1 a 10): <input type="number" name="numero" min="1" max="10"
required /><br/>
      Telefono: <input type="tel" name="telefono" required /><br/>
      <input type="submit" value="Enviar"/>
    </form>
  </body>
</html>
```

# Formularios

## Formularios con HTML5

Correo Electrónico:

Numero(1 a 10):

Telefono:

Enviar



Completa este campo

# Reproducción de sonido

```
<!DOCTYPE html>
```

```
<!-- sonido - Rogelio Ferreira Escutia -->
```

```
<html>
```

```
  <head>
```

```
    <meta charset="utf-8" />
```

```
    <title>Sonido</title>
```

```
  </head>
```

```
  <body>
```

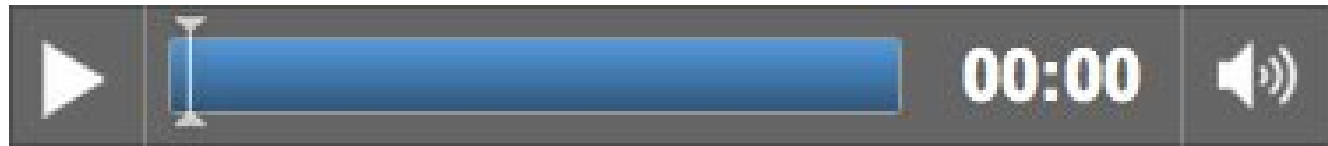
```
    <audio controls="controls"><source src="era.mp3" /></audio>
```

```
  </body>
```

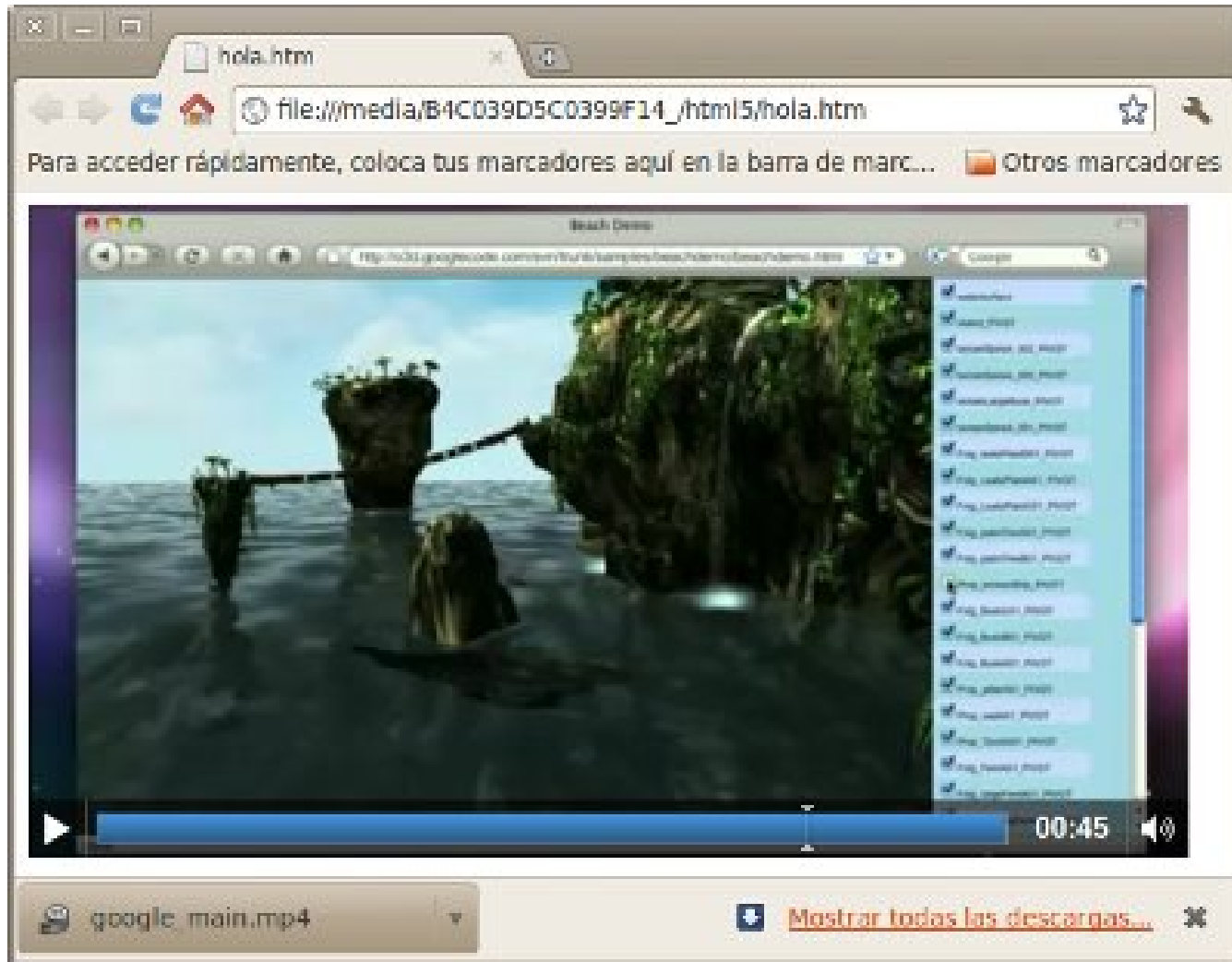
```
</html>
```



# *Reproducción de sonido*



# Reproducción de video

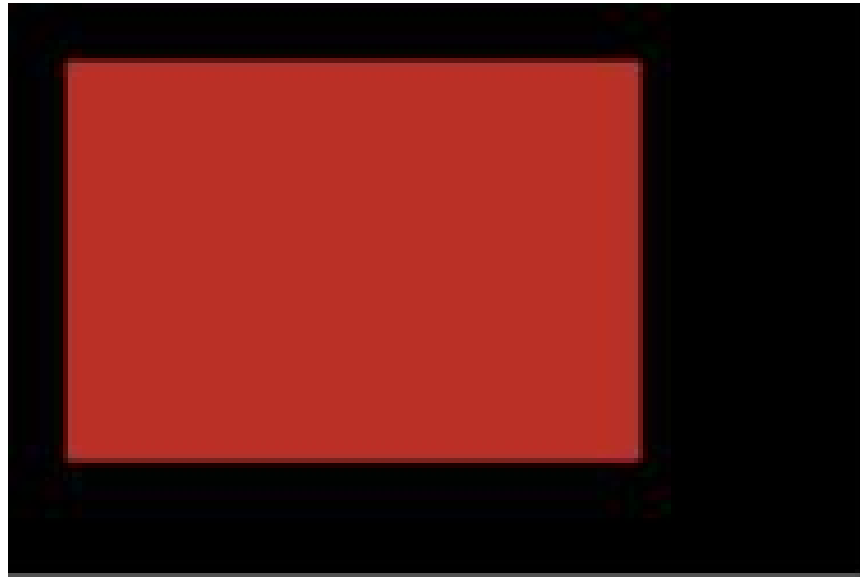


# Canvas (2D)

```
<!DOCTYPE html>
<!-- canvas - Rogelio Ferreira Escutia -->
<html>
  <head>
    <meta charset="utf-8" /><title>Canvas</title>
    <script>
      window.onload = function(){
        var elemento = document.getElementById('mi_canvas');
        if (elemento && elemento.getContext) {
          var contexto = elemento.getContext('2d');
          if (contexto) {
            contexto.fillRect(0, 0, 150, 100);
            contexto.fillStyle = '#cc0000';contexto.fillRect(10, 10,
100, 70);
          }
        }
      }
    </script>
  </head>
  <body>
    <canvas id="mi_canvas" width=300 heighth="300">
      Este texto se muestra para los navegadores no compatibles con canvas
    </canvas>
  </body>
</html>
```



# *Canvas (2D)*





# Canvas (2D) - Ejemplos

Fishbowl

<http://ie.microsoft.com/testdrive/Performance/FishBowl/Default.html>

DeviantART muro

<http://muro.deviantart.com/>

3D Earth

<http://peterned.home.xs4all.nl/demooo/>

Asteroid Belt

<http://ie.microsoft.com/testdrive/Performance/AsteroidBelt/>

Interactive Polaroids

<http://www.addyosmani.com/resources/canvasphoto/>

Canvas Cycle: True 8-bit Color Cycling with HTML5

<http://www.effectgames.com/demos/canvacycle/>

js cloth

<http://gyu.que.jp/jscloth/>

CanvasMol

<http://alteredqualia.com/canvasmol/>

Or so they say...” by xplsv

[http://xplsv.com/prods/demos/xplsv\\_orsotheysay/](http://xplsv.com/prods/demos/xplsv_orsotheysay/)

3D Model Viewer

<http://www.giuseppesicari.it/progetti/javascript-3d-model-viewer/>





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