

LENGUAJES DE MARCAS Y SISTEMAS DE GESTIÓN DE INFORMACIÓN

Bloque XML: PRESENTACIÓN

Presentación

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- Tres posibilidades
 - ▣ CSS
 - ▣ XSLT
 - ▣ Lenguajes de programación (javascript, php,...)

XML y CSS

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- Primera solución: hojas de estilo CSS
- Ya conocemos CSS y selectores
 - ▣ Se suelen usar selectores de etiqueta y posicionales
- Ejemplo de cd_catalog: (Ver fuentes)
 - ▣ Sólo XML:
 - http://w3schools.com/xml/cd_catalog.xml
 - ▣ Solo CSS:
 - http://w3schools.com/xml/cd_catalog.txt
 - ▣ Todo junto (pero en dos ficheros separados):
http://w3schools.com/xml/cd_catalog_with_css.xml
- Ver en navegador
 - ▣ Con y sin hoja de estilo asociada:
- Separa los datos (fichero XML) de la presentación (fichero CSS)

XML y CSS:

Especificando la hoja de estilo a usar

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Fichero: cd_catalog.xml

```
<?xml version="1.0" ?>
```

```
<?xml-stylesheet type="text/css"  
                href="cd_catalog.css"?>
```

```
<CATALOG>
```

```
  <CD>
```

```
    <TITLE>Empire Burlesque</TITLE>
```

```
    ...
```

XML y CSS: la hoja de estilo CSS

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Fichero: **cd_catalog.css**

```
CATALOG {  
background-color: #ffffff;  
width: 100%;  
}
```

```
CD {  
display: block;  
margin-bottom: 30pt;  
margin-left: 0;  
}
```

```
TITLE {  
color: #FF0000;  
font-size: 20pt;  
}
```

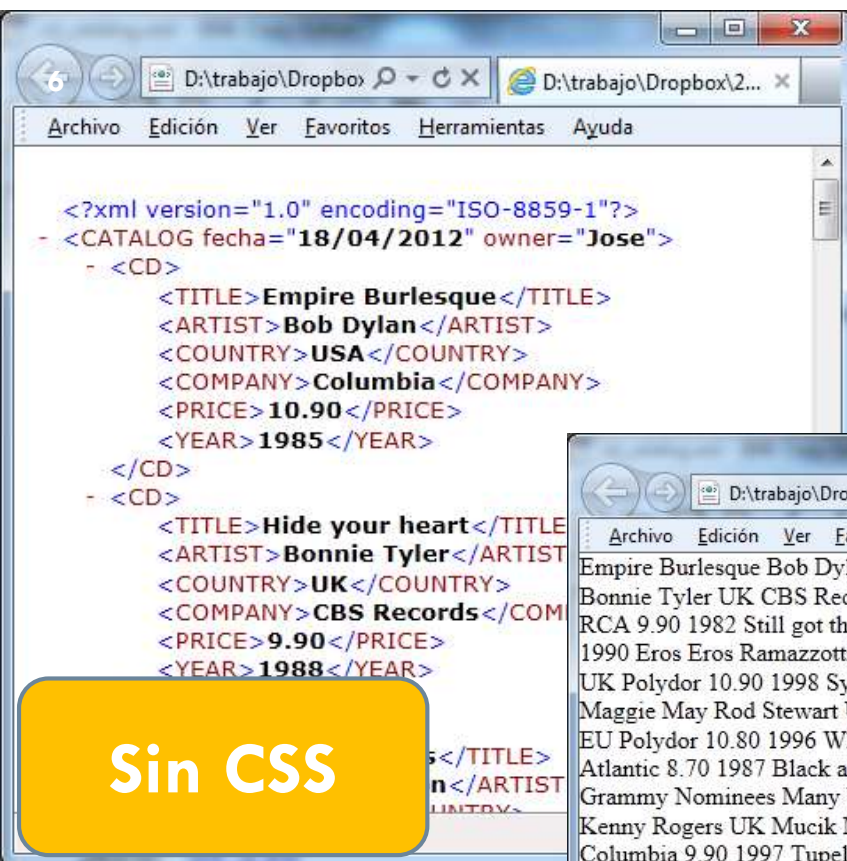
Etiquetas elementos



```
ARTIST{  
color: #0000FF;  
font-size: 20pt;  
}
```

```
COUNTRY,PRICE,YEAR,COMPANY{  
display: block;  
color: #000000;  
margin-left: 20pt;  
}
```

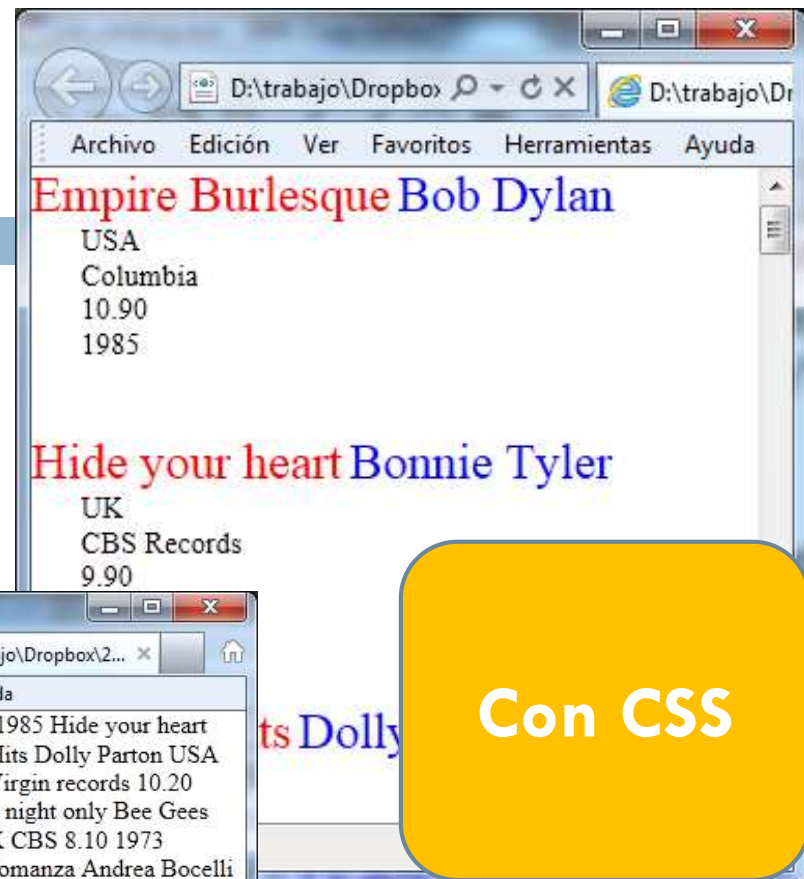
Presentación



A screenshot of a web browser window displaying XML data. The XML is not styled, appearing as plain text. The data includes information about two albums: "Empire Burlesque" by Bob Dylan and "Hide your heart" by Bonnie Tyler. The browser's address bar shows "D:\trabajo\Dropbox\2...".

```
<?xml version="1.0" encoding="ISO-8859-1"?>
- <CATALOG fecha="18/04/2012" owner="Jose">
  - <CD>
    <TITLE>Empire Burlesque</TITLE>
    <ARTIST>Bob Dylan</ARTIST>
    <COUNTRY>USA</COUNTRY>
    <COMPANY>Columbia</COMPANY>
    <PRICE>10.90</PRICE>
    <YEAR>1985</YEAR>
  </CD>
  - <CD>
    <TITLE>Hide your heart</TITLE>
    <ARTIST>Bonnie Tyler</ARTIST>
    <COUNTRY>UK</COUNTRY>
    <COMPANY>CBS Records</COMPANY>
    <PRICE>9.90</PRICE>
    <YEAR>1988</YEAR>
  </CD>
</CATALOG>
```

Sin CSS

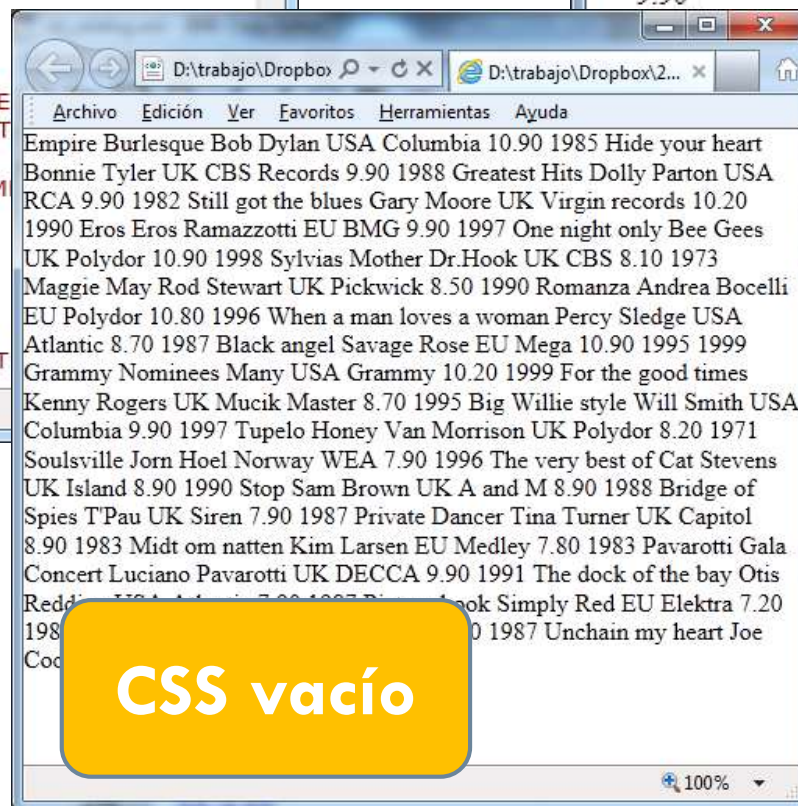


A screenshot of a web browser window displaying the same XML data as the first image, but with CSS styling. The album titles are in red, and the artist names are in blue. The browser's address bar shows "D:\trabajo\Dropbox".

Empire Burlesque **Bob Dylan**
USA
Columbia
10.90
1985

Hide your heart **Bonnie Tyler**
UK
CBS Records
9.90

Con CSS



A screenshot of a web browser window displaying the same XML data as the first image, but with empty CSS styling. The text is not styled, appearing as plain text. The browser's address bar shows "D:\trabajo\Dropbox".

Empire Burlesque Bob Dylan USA Columbia 10.90 1985 Hide your heart
Bonnie Tyler UK CBS Records 9.90 1988 Greatest Hits Dolly Parton USA
RCA 9.90 1982 Still got the blues Gary Moore UK Virgin records 10.20
1990 Eros Eros Ramazzotti EU BMG 9.90 1997 One night only Bee Gees
UK Polydor 10.90 1998 Sylvias Mother Dr.Hook UK CBS 8.10 1973
Maggie May Rod Stewart UK Pickwick 8.50 1990 Romanza Andrea Bocelli
EU Polydor 10.80 1996 When a man loves a woman Percy Sledge USA
Atlantic 8.70 1987 Black angel Savage Rose EU Mega 10.90 1995 1999
Grammy Nominees Many USA Grammy 10.20 1999 For the good times
Kenny Rogers UK Mucik Master 8.70 1995 Big Willie style Will Smith USA
Columbia 9.90 1997 Tupelo Honey Van Morrison UK Polydor 8.20 1971
Soulsville Jorn Hoel Norway WEA 7.90 1996 The very best of Cat Stevens
UK Island 8.90 1990 Stop Sam Brown UK A and M 8.90 1988 Bridge of
Spies T'Pau UK Siren 7.90 1987 Private Dancer Tina Turner UK Capitol
8.90 1983 Midt om natten Kim Larsen EU Medley 7.80 1983 Pavarotti Gala
Concert Luciano Pavarotti UK DECCA 9.90 1991 The dock of the bay Otis
Redding USA Atlantic 7.90 1967 Dime a dozen Simply Red EU Elektra 7.20
1988 1987 Unchain my heart Joe

CSS vacío

CSS: Presentar los CDs como tabla

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```
CATALOG {  
  display: table;  
}  
CD {  
  display: table-row;  
}  
TITLE, ARTIST, .. {  
  display: table-cell;  
  border: 1px solid black;  
}
```

A screenshot of a web browser window showing a table of CDs. The browser's address bar shows a local file path. The table has six columns: Title, Artist, Country, Label, Price, and Year. The text in the table is red. The browser window has a menu bar with options like 'Archivo', 'Edición', 'Ver', 'Favoritos', 'Herramientas', and 'Ayuda'. The status bar at the bottom shows '100%' zoom.

Empire Burlesque	Bob Dylan	USA	Columbia	10.90	1985
Hide your heart	Bonnie Tyler	UK	CBS Records	9.90	1988
Greatest Hits	Dolly Parton	USA	RCA	9.90	1982
Still got the blues	Gary Moore	UK	Virgin records	10.20	1990
Eros	Eros Ramazzotti	EU	BMG	9.90	1997
One night only	Bee Gees	UK	Polydor	10.90	1998
Sylvias Mother	Dr.Hook	UK	CBS	8.10	1973
Maggie May	Rod Stewart	UK	Pickwick	8.50	1990
Romanza	Andrea Bocelli	EU	Polydor	10.80	1996

CSS: imprimir atributo y texto

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```
CATALOG: before {  
    content: "CDs de " attr(owner) ;  
    font-size: 25pt;  
}
```



CSS: presentar como lista

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```
CD{
```

```
  display: block;
```

```
...}
```

```
COUNTRY, PRICE, YEAR, COMPAN
```

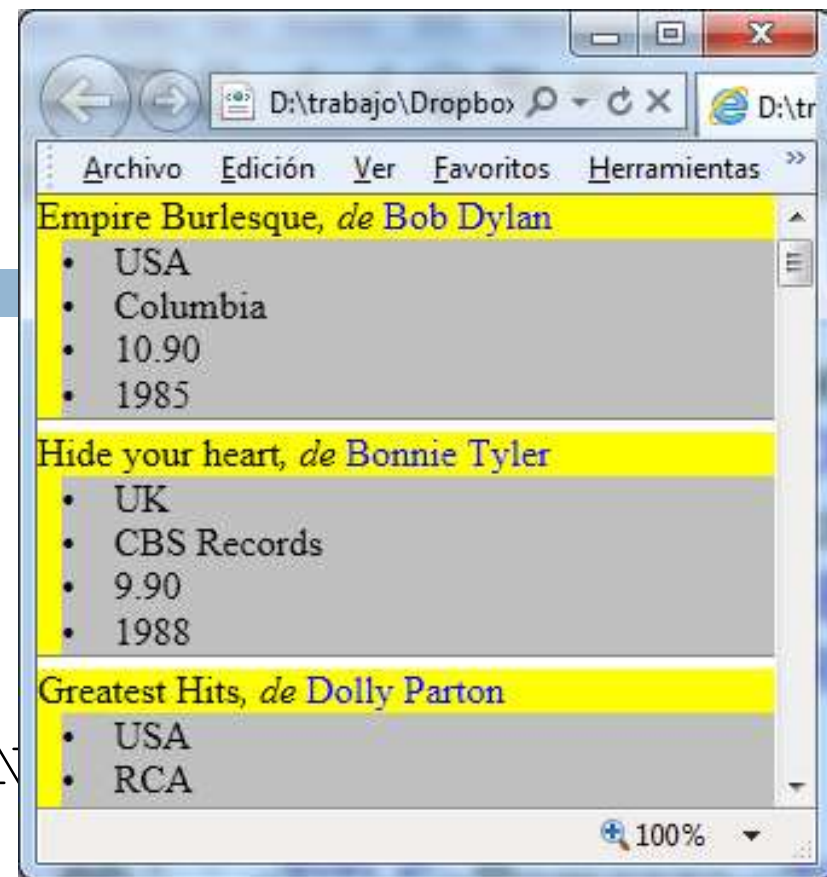
```
  display: list-item;
```

```
  list-style-position: inside;
```

```
  margin-left: 10px;
```

```
  background-color: silver;
```

```
}
```



CSS: Contadores

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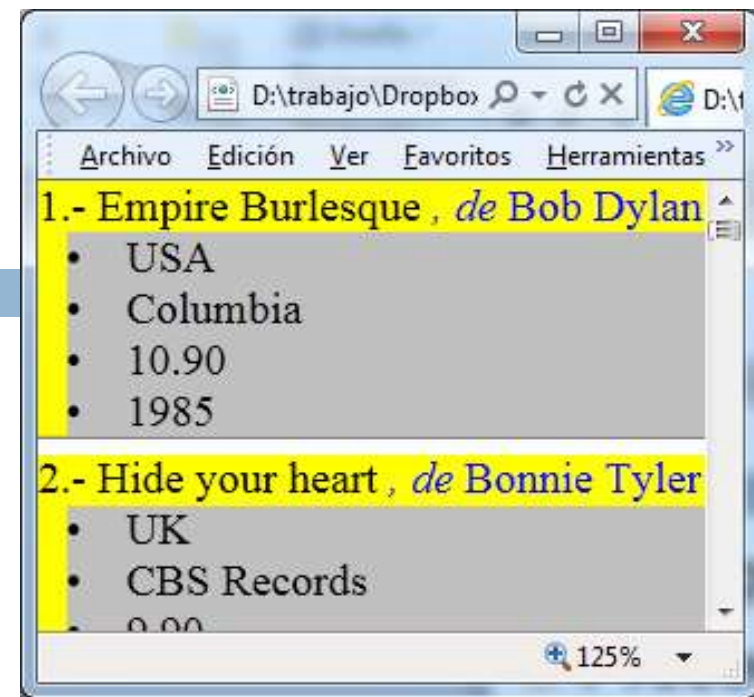
□ Procedimiento

- Se resetea en contenedor

```
CATALOG{  
    counter-reset: contadorcd;  
}
```

- Se añade con content, y se incrementa con counter-increment

```
TITLE:before {  
    content: counter(contadorcd) ". - ";  
    counter-increment: contadorcd;  
}
```



Ejercicio

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- Partir de ficheros xml de clase
 - ▣ Tablón o clase
- Darle estilos en formatos
 - ▣ Bloques
 - ▣ Lista
 - ▣ Tabla
- No presentar algún elemento
`display: none;`
- Presentar atributos de elementos xml
 - ▣ Pseudo-elementos after, before y método attr
- Reordenar la salida: no se puede.