

EJERCICIO PRÁCTICO 02: HTML5 Y CSS

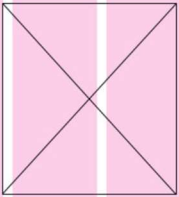
Introducción

Al analizar la web del festival Mozilla Drumbeat, se ha comprobado que existe un porcentaje notable de visitantes que accede con pantallas de más de 1000 píxeles de ancho. Dado que el encargo actual del diseño de la web del festival se hizo para una web de ancho fijo y menos de 960 píxeles, lo que hace que, a resoluciones muy grandes, la web tenga un aspecto extraño.

De momento, se ha decidido crear un segundo layout de la página del programa del festival (opción del menú "program"), también de ancho fijo, pero esta vez de 1200 píxeles, que se activará cuando la resolución de pantalla del visitante permita mostrar este ancho sin problemas.

Antes de implementar una plantilla sobre el gestor de contenidos, se ha decidido crear un prototipo de la página del programa en HTML5. El primer wireframe que nos han hecho llegar es el siguiente:

Nota: El ancho de las columnas de color rosa es de 90 píxeles, mientras que los canales blancos tienen un ancho de 10 píxeles. Obsérvese que la anchura efectiva del 'layout' es de 1190 píxeles)

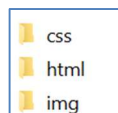
Logo DRUMBEAT			navegació: menú principal		
Subtítol: DrumbeatLearning, Freedom...					
Navegació secundària: pestanyes menú festival			seleccionar idioma		
Program					Caixeta Register
What's it all about?		Schedule		caixeta llista amb imatges (learn how...)	
Festival Spaces					
caixeta 1 Badge Lab	caixeta2 Webcraft toolshed	caixeta3 peer-learning fishbowl		caixeta Who should come?	
caixeta4 local learning incubator	caixeta5 open content studio	caixeta6 Hackerspace playground			
caixeta7 wikipedia lounge	caixeta8 Open source classroom	caixeta9 Video + learning gallery			
caixeta10 Main stage					Identi.ca i Twitter
Peu					

Nuestro encargo es implementar el wireframe en HTML5 y CSS3, y se nos pide que:

1. Respetemos la colocación de cada una de las cajas del wireframe, así como su ancho en píxeles exacto (así, la caja de programa tendrá un ancho de 890px, seguida de un canal vacío de 10, y la caja con el botón para registrarse en tendrá 300px.). **1 punto**
2. Para hacer el contenido plenamente funcional, alimentaremos la maqueta con los contenidos actuales de la página de programa de Drumbeat. Así, cada una de las cajas deberá tener un ejemplo completo de contenido, incluyendo las imágenes o los contenidos del pie de página. Todos los enlaces que hay en la página deben trasladarse directamente a la siguiente dirección: <https://foundation.mozilla.org/es/> **4 puntos**
3. Tenga en cuenta que todo lo que está hecho en CSS3 no es necesario implementarlo (sombras, inclinaciones de las cajitas y del texto, bordes redondeados ...): **2 puntos**
 - a. En esta primera fase, no se nos exigirá que las cajitas de "Festival Spaces" estén inclinadas, aunque se considerará un extra al conseguirlo. Sí que habrá que utilizar un recuadro y un color de fondo, pero no es necesario que sean como las de la web. **1,5 punto (0,75 + 0,75).**
 - b. Tampoco se nos exige que implementemos los bordes redondeados del diseño actual, que de nuevo se considerarán un extra. Bastará usar cajas rectangulares. **1,5 punto (0,75 + 0,75).**
4. Es un requisito esencial, para facilitar el siguiente paso a desarrollar con el gestor de contenidos, usar el código - tanto HTML como CSS3 - más limpio y semántico posible. Asimismo, se entregará la correspondiente documentación explicando tanto la estructura HTML como el CSS utilizado, y cualquier decisión de diseño tomada durante la implementación **2 puntos**.

La entrega se realizará en el aula correspondiente de Moodle, en una carpeta comprimida y todo el contenido deberá estar organizado en carpetas:

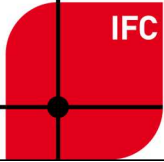
- El nombre de la carpeta será **PR02_Apellido1_Apellido2_Nombre.zip**
- La carpeta contendrá:
 - Un archivo pdf con la explicación de cómo se ha realizado el ejercicio (lo indicado en el punto 4 del enunciado. El archivo se llamará **PR02_Apellido1_Apellido2_Nombre.pdf**




- La siguiente estructura de archivos

Las entregas que no respeten el formato de entrega especificado, serán penalizadas con **-1 punto**.

La fecha límite de entrega 13 de noviembre de 2021 hasta las 23:59. No se admitirán entregas pasada dicha fecha.



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Drumbeat Learning, Freedom and the Web Festival

Festival **Program** Participants Registration Logistics Get Involved Wiki

language: en ca es

Program

Imagine a folk festival with many different tents – tents for all different sorts of music, a tent where you learn how to fiddle, and maybe one where you make drums. Each has its focus. People move from tent to tent making up their own experience.

The Drumbeat Festival will work exactly like this. We'll have all kinds of spaces where you can teach and learn – studios, labs, playgrounds, classrooms and even a few tents in the public square. Each space will provide a place to dive deep and get your hands dirty with some of the most interesting ideas at the intersection of learning, freedom and the web.

Schedule

Want to know exactly what's going to happen? You can see the draft schedule here on the Festival wiki. We're still evolving the details – but the general themes and style of sessions will give you a feel for what's going to happen. You can also read the activities page on the wiki for more detailed information.

Festival Spaces

Here's some of the different spaces we're planning for the Drumbeat Festival. Check back often as hosts will be updating these descriptions over the coming weeks.

Badge lab

Test, critique and improve badges and tools that recognize informal online learning. Hosted by P2PU, Mozilla and Remix Learning.

Webcraft toolshed

Get your hands dirty testing and improving standards-based web developer courses. Hosted by Mozilla, P2PU and W3C WASP.

Peer-learning fishbowl

Provide feedback on peer-to-peer courses under development and chart new courses. Hosted by Peer 2 Peer University.

Local learning incubator

Help librarians and community organizers produce new open web learning content. Hosted by You Media Chicago.

Open content studio

Hack on open textbooks and help build a global courseware catalog. Hosted by Flat World Knowledge, OCW Consortium, Creative Commons and Connexions.

Hackerspace playground

Learn how to make teach with processing.js, Arduino, a MakerBot and other cool toys. Hosted by Monochrom and Arduino.cc.

Wikipedia lounge

Pitch in on projects that fuse Wikipedia into the world of learning and education. Hosted by Wikimedia Foundation and Wikimedia in Catalan.

Open source classroom

Convert open source projects into teaching resource in your classroom. Hosted by: Free Knowledge Institute and Seneca College.

Video + learning gallery

Make, translate and share online videos with a bent for learning. Hosted by: Open Video Alliance, Mozilla and Participatory Culture Foundation.

Main stage


Demos and report-backs from across the Drumbeat Festival as well as a small number of mind-bending keynotes. Hosted by Mozilla.

Register


or find out how to **get more involved**

What's it all about?


The open nature of the internet is revolutionizing how we learn. Mozilla's 2010 Drumbeat Festival will gather teachers, learners and technologists from around the world who are at the heart of this revolution. Join us in Barcelona for three days of making, teaching, hacking inventing and shaping the future of education and the web. [learn more.](#)




Learn how to organize a **Peer 2 Peer University** course.




Help build a **'digital backpack'** to track credentials for online learners.




Convert a public square into a learning lab with the **Hackbus**.



Trade ideas about **teaching the open web**.



Share **best practices** for open web hackers.





Integrate **Wikipedia** into your learning project.

Who should come?





- Open textbook authors and remixers
- People teaching web development
- Edu-punks
- Hackerspaces
- Creative Commons
- Radical librarians
- Wikipedians
- Open education start ups
- And, of course, teachers and learners of all stripes





We're extending a special invite and reduced fees to people attending **OpenEd2010** which takes place in Barcelona on the two days before the Drumbeat Festival. We'll announce details in the coming weeks.





You'll find a full list of activities confirmed and proposed for Drumbeat Festival spaces on the [activities wiki page](#).

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
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Prototipo segundo Layout Wireframe

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