## HOLA

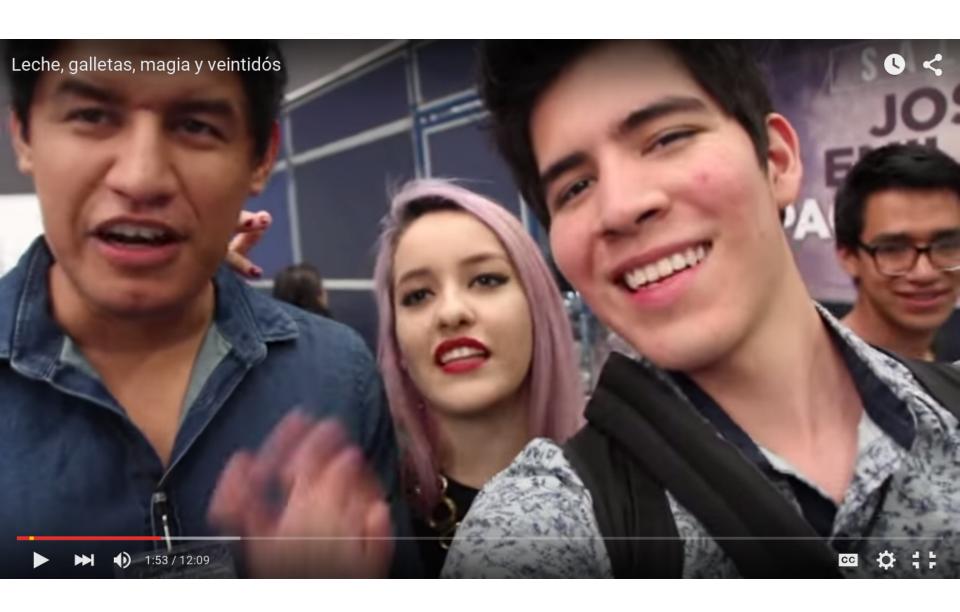
#### **Amet Alvirde**



@AmetAlvirde

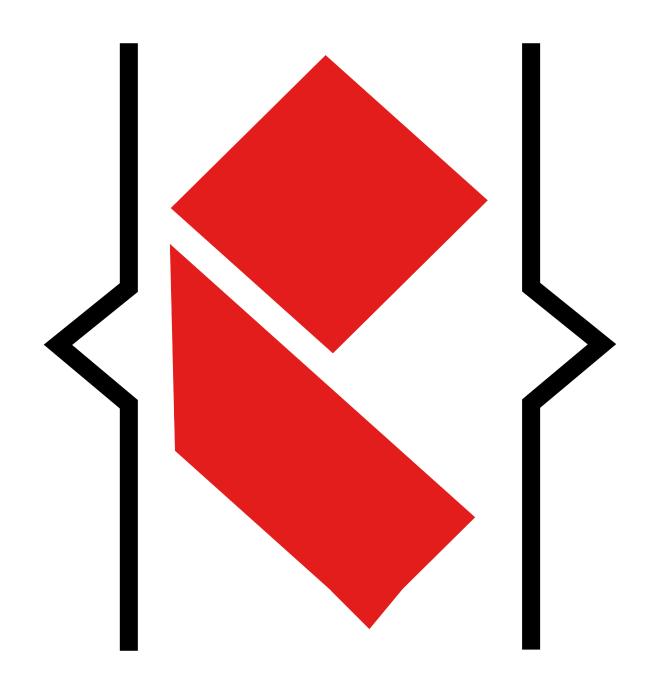








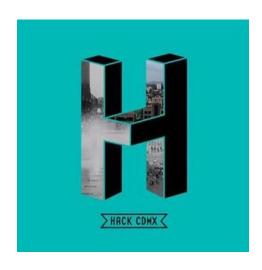












## Polymer



## Revolución





## Internet

ahora



### **Todos nosotros**

Desarrolladores que deseamos hacer de la web, un lugar mejor.







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# La web de los 90's ROCKEABA

## **INO ES UN CHISTE!**

Ya les explicaré por qué. No me maten

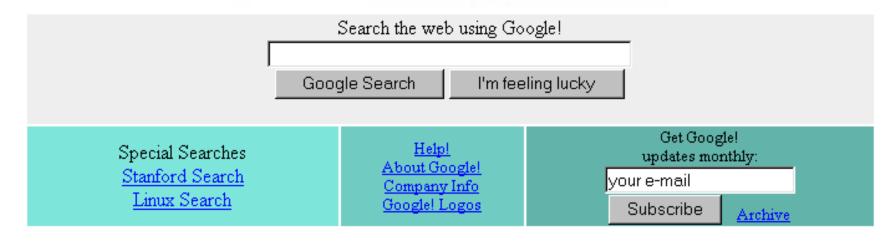


## Todos nosotros.

Desarrolladores que hacemos de la web, un lugar no tan genial como podría serlo.

```
▼ <div id="container" class="wrap">
 ▼ <div class="newHomepage">
   ▼ <div class="searchArea">
     ▼ <div id="searchMap" class="leaflet-container leaflet-fade-anim">
       ▼ <div class="leaflet-map-pane" style="left: Opx; top: Opx;">
        ▼ <div class="leaflet-tile-pane">
          ▼<div class="leaflet-layer">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 415px;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4752/7906.pnq">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 415px;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4752/7907.png">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 671px;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4753/7907.png">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 67lpx;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4753/7906.png">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 415px;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4752/7908.png">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 159px;</pre>
              a.tiles.mapbox.com/v3/foursquare.map-3ntucprk/14/4751/7906.png">
              <img class="leaflet-tile leaflet-tile-loaded" style="width: 256px; height: 256px; left: 415px;</pre>
```





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## ¿Qué le estamos haciendo a la web?

```
1 <gmail-tabs>
2 | <gmail-tab category = "primary">
3 | </gmail-tab>
4 </gmail-tabs>
```

## Web components!

## Definición:

Los web components son una nueva tecnología, adoptada paulatinamente por todos los navegadores modernos, que nos permite extender y personalizar HTML tal y como los conocemos.

## ¿Qué necesito?

- Custom elements
- Shadow DOM
- HTML templates
- HTML Imports

#### **Custom elements:**

Custom Elements is a capability for creating your own custom HTML tags and elements. They can have their own scripted behavior and CSS styling. They are part of Web Components but they can also be used by themselves.

#### **Shadow DOM**

Shadow DOM provides encapsulation for the JavaScript, CSS and templating in a Web Component. Shadow DOM makes it so these things remain separate from the DOM of the main document. You can also use Shadow DOM by itself, outside of a web component.

## HTML templates:

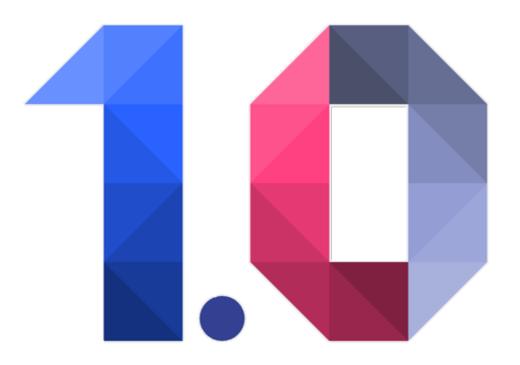
The HTML template element <template> is a mechanism for holding client-side content that is not to be rendered when a page is loaded but may subsequently be instantiated during runtime using JavaScript.

### HTML imports:

HTML Imports is intended to be the packaging mechanism for Web Components, but you can also use HTML Imports by itself.

## Let's code!





## **Production Ready**