



Let's Comment & Firebase

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What is Let's Comment

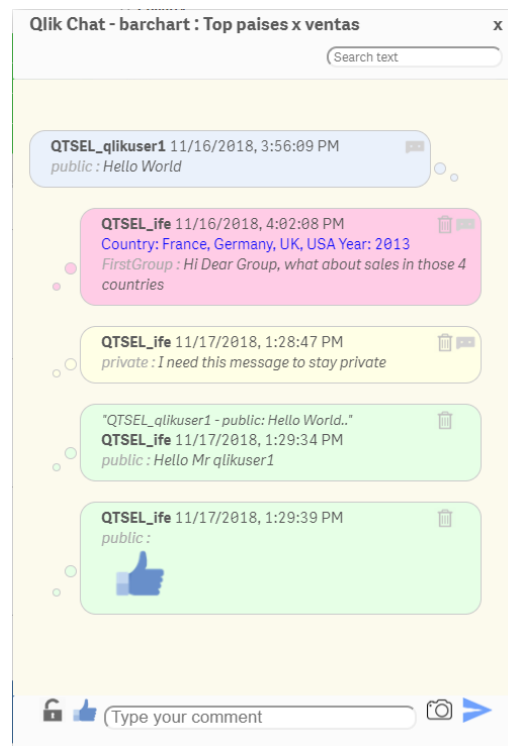
Let's comment is an extension that empowers users to a new level of collaboration capabilities.

It performs every object and sheet as a potential collaboration environment. Creates a chat in each object and allows to establish a discussion privately, publicly or focus on specific people that I can keep through groups creation.

As each discussion is based on a specific status of selections, you'll be able to capture these current selections at any time, save them and share these selections status with the QS users you decide.

The extension, by default, uses one of my own test instances of Firebase (an online DDBB by Google).

It's extremely recommended that you arrange your own Firebase instance once you test the original one and decide you want to install it in your company.





Set up a Firebase instance

This is a basic guide to set up your own firebase instance and make the basic arrangements to make it work with the extension Let's Comment.

Firebase is available here <https://console.firebase.google.com>

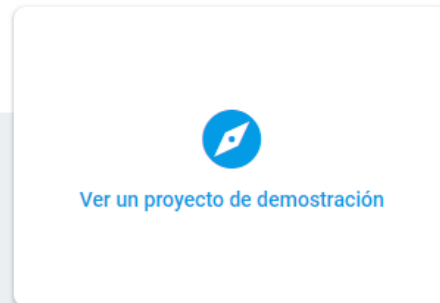
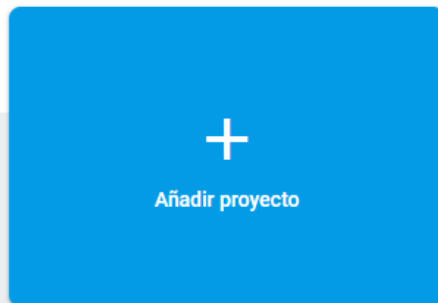
Click on add a project

¡Te damos la bienvenida a Firebase!

Herramientas de Google para desarrollar unas aplicaciones espectaculares, interactuar con los usuarios y ganar dinero a través de los anuncios para móviles.

[🔍 Más información](#) [☰ Documentación](#) [🗨️ Asistencia](#)

Tus proyectos que usan Firebase



[Condiciones](#) · [Política de Privacidad](#)



Chose a name for your project and click on 'create'

Añadir un proyecto ✕

Nombre del proyecto

QlikLetsComment2 ▾

+ +

Nota: Los proyectos abarcan las aplicaciones de distintas plataformas ?

ID del proyecto ?

qlikletscomment2-3e302 ✎

Ubicaciones ?

Estados Unidos (Analytics) ✎

us-central (Cloud Firestore) ✎

Usar la configuración predeterminada para compartir datos de Google Analytics for Firebase

- ✓ Comparte tus datos de Analytics con nosotros para ayudarnos a mejorar nuestros productos y servicios.
- ✓ Comparte tus datos de Analytics con nosotros para habilitar el servicio de asistencia técnica.
- ✓ Comparte tus datos de Analytics con nosotros para habilitar las comparativas.
- ✓ Comparte tus datos de Analytics con los especialistas en cuentas de Google.

Acepto las [condiciones entre responsables del tratamiento de datos](#). Es obligatorio marcar esta casilla si vas a compartir tus datos de Analytics para mejorar los productos y servicios de Google. [Más información](#)

Confirmo que estoy utilizando servicios de Firebase en mi aplicación y acepto las actualizadas [pertinentes](#).

Cancelar Crear proyecto



Click of project overview

Configure your project

And finally click on the button 'Add firebase to your application'

The screenshot shows the Firebase console interface for a project named 'QlikLetsComment2'. The left sidebar contains navigation options: Project Overview, Desarrollo, Calidad, Analíticas, and Crecimiento. The main content area is titled 'Tu proyecto' and displays the following information:

- Nombre del proyecto: QlikLetsComment2
- ID del proyecto: qlikletscomment2-3e302
- Ubicación de Cloud Firestore: us-central
- Clave de API de la web: AtzaSyB_Y0obzX48U3LJMa3zMHGfsu05EGWHTM

Below this, the 'Configuración pública' section is shown, indicating that public configuration controls instances visible to the public. It includes:

- Nombre público: project-291863914609
- Correo electrónico de asistencia: qlikletscomment2@gmail.com

The 'Tus aplicaciones' section shows a message: 'En este momento no hay ninguna aplicación en el proyecto QlikLetsComment2'. Below this message are three buttons with icons for adding Firebase to an application:

- iOS
- Android
- Web

Each button is labeled 'Añade Firebase a tu aplicación de' followed by the respective platform icon.



You'll get a windows like that, copy the content of the 'var config' (only this part of the code) and copy it in the file config.js (inside the extension folder), replacing the old config values.

Añade Firebase a tu aplicación web ✕

Copia y pega el fragmento que se indica a continuación en la parte inferior de tu código HTML, delante de otras etiquetas de secuencia de comandos.

```
<script src="https://www.gstatic.com/firebasejs/5.5.8/firebase.js"></script>
<script>
  // Initialize Firebase
  var config = {
    apiKey: "AIzaSyB_V0o1bZX48U3LJMa3zMHGfsu05EGWHTM",
    authDomain: "qlikletscomment2-3e302.firebaseio.com",
    databaseURL: "https://qlikletscomment2-3e302.firebaseio.com",
    projectId: "qlikletscomment2-3e302",
    storageBucket: "qlikletscomment2-3e302.appspot.com",
    messagingSenderId: "291863914609"
  };
  firebase.initializeApp(config);
</script>
```

[Copiar](#)

Consulta estos recursos para obtener más información acerca de Firebase para aplicaciones web:

- [Get Started with Firebase for Web Apps](#)
- [Firebase Web SDK API Reference](#)
- [Firebase Web Samples](#)

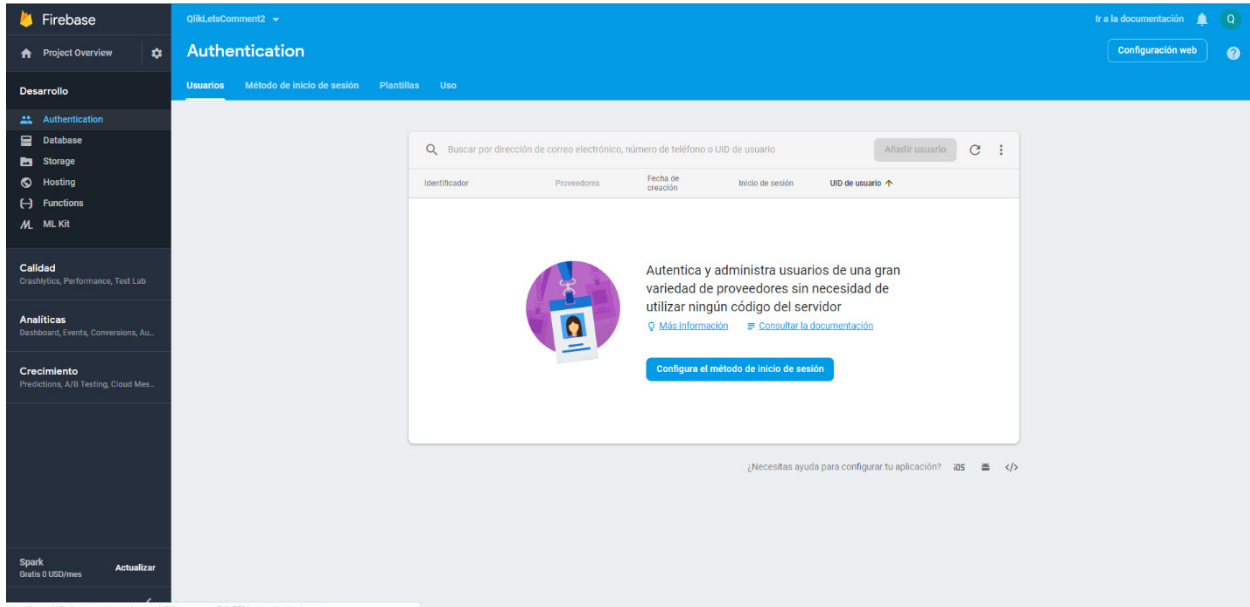
```
1 var config = {
2   apiKey: "AIzaSyB_V0o1bZX48U3LJMa3zMHGfsu05EGWHTM",
3   authDomain: "qlikletscomment2-3e302.firebaseio.com",
4   databaseURL: "https://qlikletscomment2-3e302.firebaseio.com",
5   projectId: "qlikletscomment2-3e302",
6   storageBucket: "qlikletscomment2-3e302.appspot.com",
7   messagingSenderId: "291863914609"
8 };
9
```



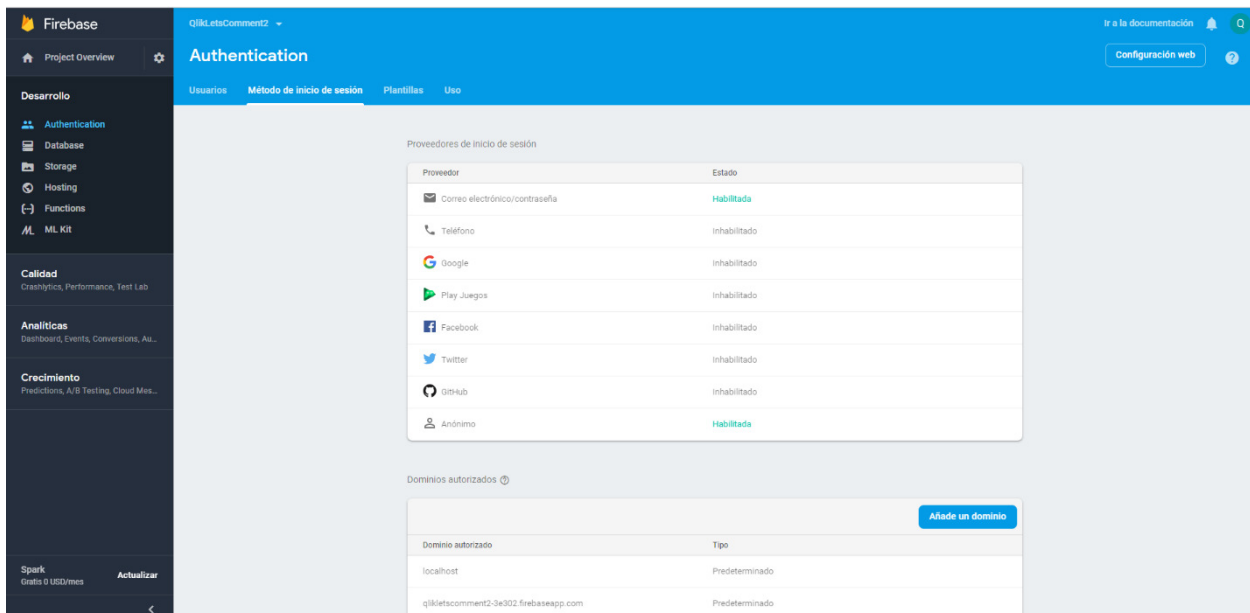
Allow your users to access in anonymous mode:

Open de development menu and chose the option Authentication

Chose the option 'start session'



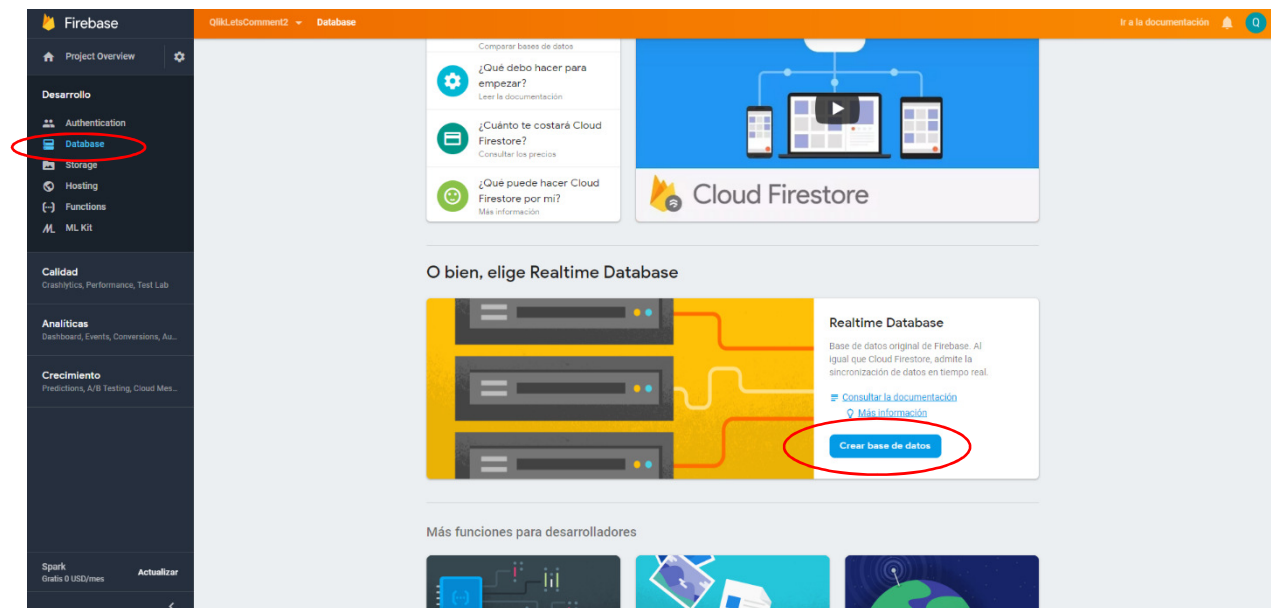
Click on Anonymous and enable it.



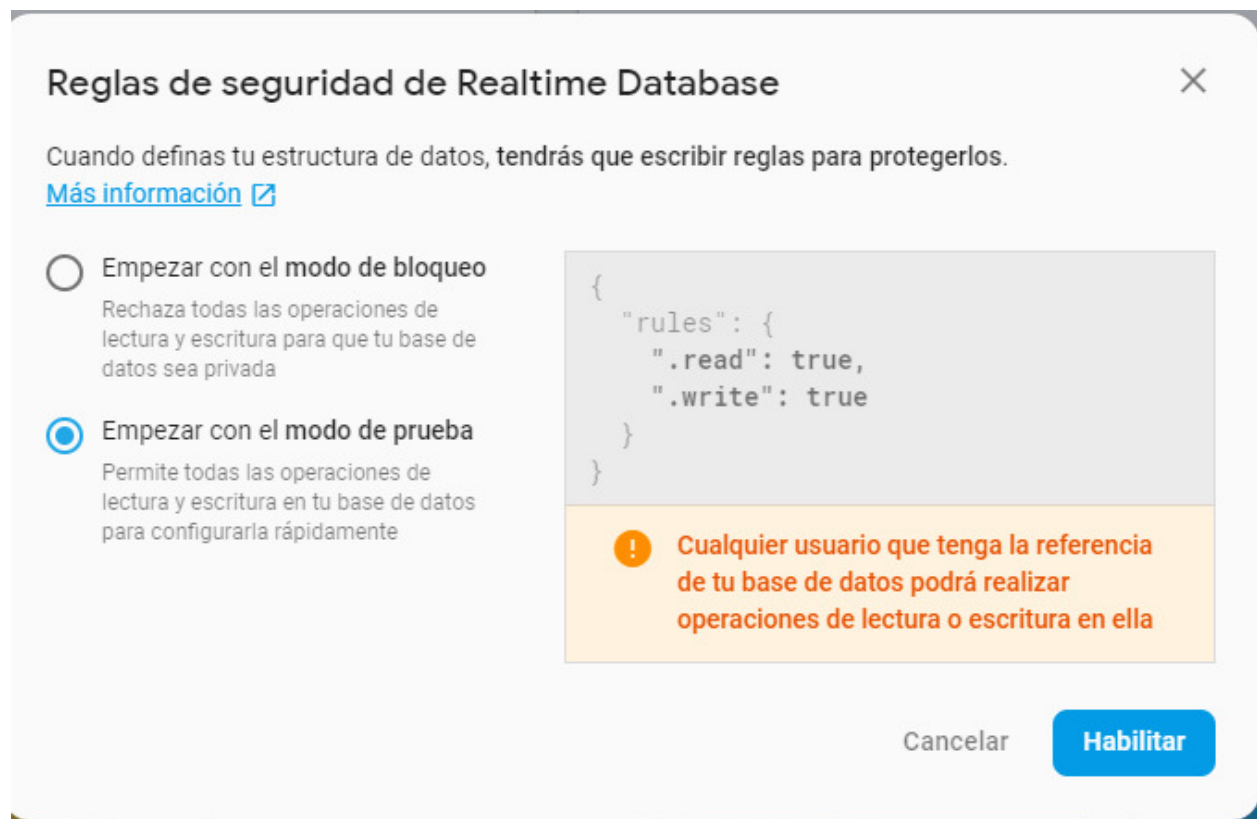


After that chose the option 'Database' in the Development menu on the left.

Chose the option Create Data Base



You'll get that window, chose start with the test mode, change the 'read' and 'write' rules to true.





If everything is OK, when you install the extension in your QS Server you'll be able to create a new comment.

The screenshot shows the Qlik Sense interface with the LetsComment extension. The extension is a floating window titled 'Qlik Chat - barchart : Top países x ventas'. It contains a search bar, a message from 'QTSEL_ife' dated 11/16/2018 at 3:56:09 PM with the text 'public : Hello World', and a comment input field with a 'Type your comment' placeholder. The background shows a bar chart of sales by country and a donut chart of contact categories.

| Country | Ventas |
|----------|--------|
| Germany | 500k |
| USA | 200k |
| France | 180k |
| UK | 170k |
| Treasure | 150k |

| Category | Percentage |
|-----------------|------------|
| Sportswear | 15.6% |
| Men's Foot... | 14.0% |
| Men's | 14.0% |
| Womens wear | 12.2% |
| Bath Clothes | 12.0% |
| Ladle... | 11.2% |
| Men's Foot... | 11.0% |
| Children's wear | 9.8% |

Warnings

This extension is offered under the MIT license (attached file).

This version works only with Firebase DDBB.

Tested with QS **June 18** and **November 18**.

Only works with Qlik Sense Enterprise (not desktop version).

Only laptop and iPad.

Thanks to

There is a lot of fantastic developers that has decided to contribute to the community sharing their works in Qlik Branch. Those shared materials are always the best source of knowledge and help to move forward when I get blocked.

In this case I should thank to the colleague Riley MacDonald, your previous work with Firebase helped me realize which was the best DDBB for doing that.