

Firebase入門

Firebaseとは？

Firebaseとは、Googleが提供している、世界で圧倒的に省エネで最も手軽に高品質のウェブアプリやモバイルアプリなどを開発することができるプラットフォームです。

今日の目的

ネットに自分のウェブアプリ開発する。そのアプリをデプロイして実際に試してみる。

デプロイの進め方：

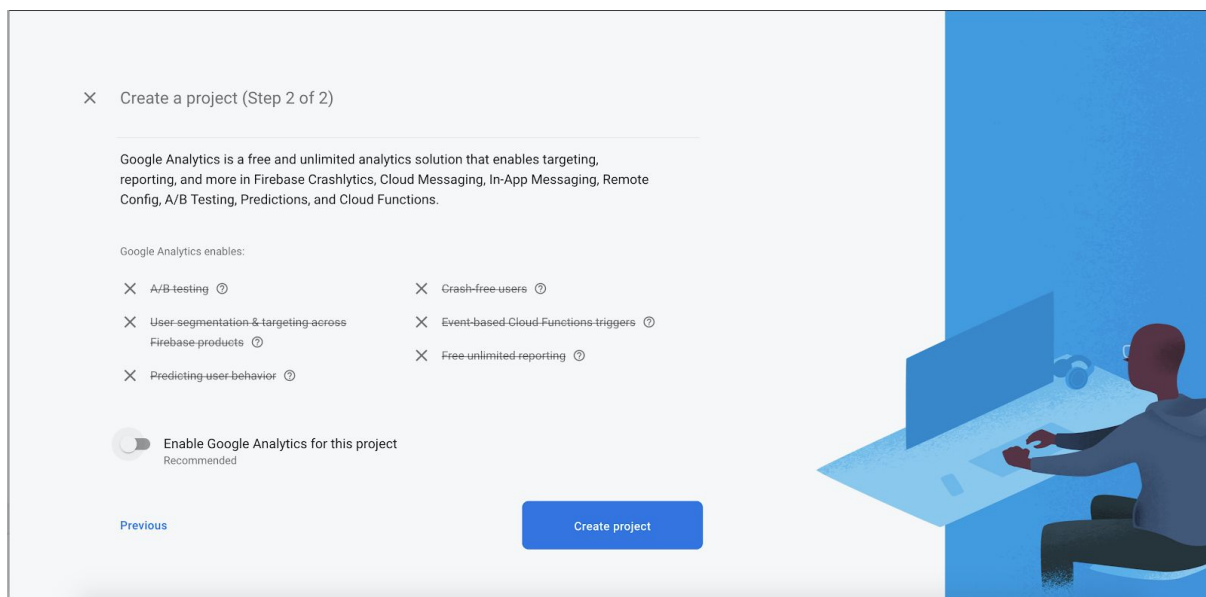
参考：<https://firebase.google.com/docs/firestore/quickstart?hl=ja>

[Firebase](#) にアクセス

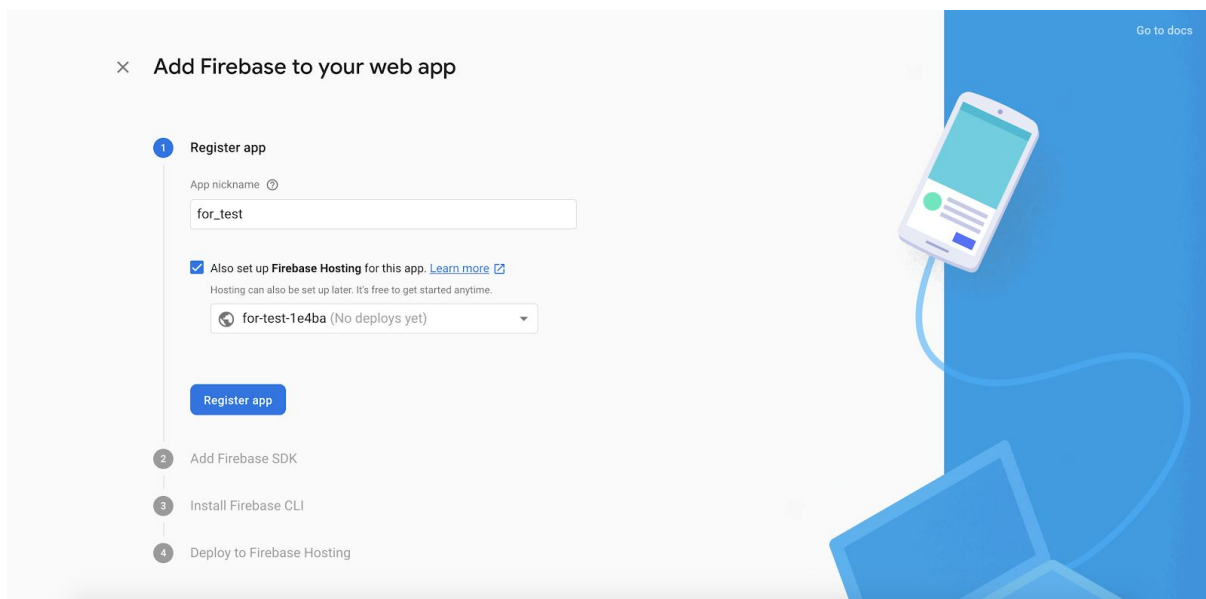
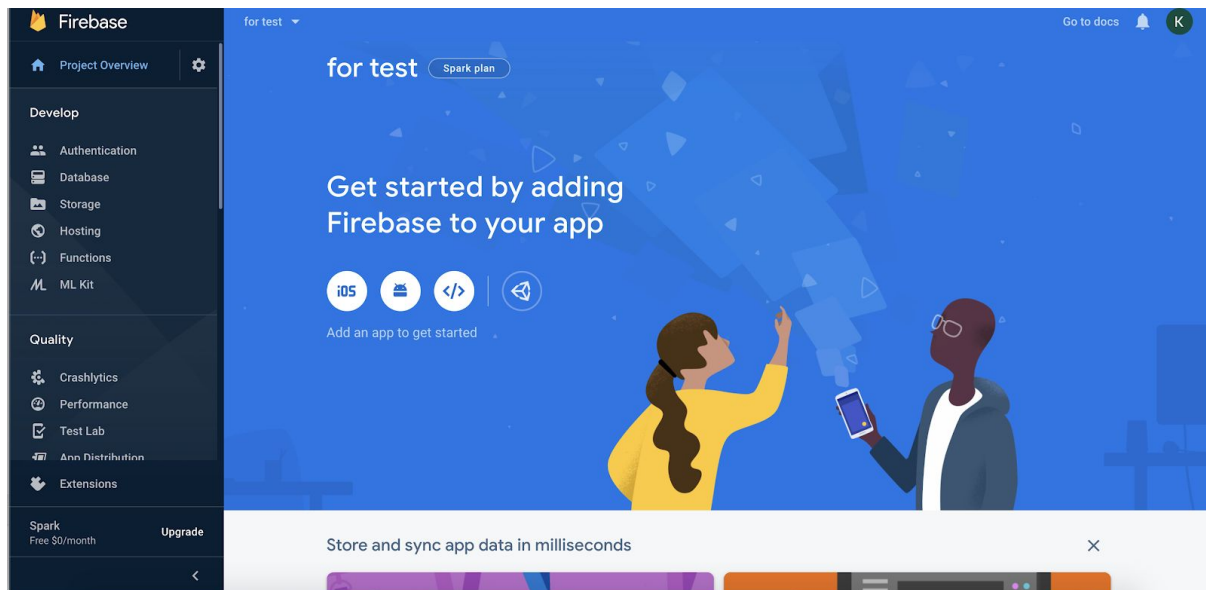
右上のボタンからログインしてコンソールに移動

プロジェクトを追加

アプリの名前を入力。



アプリを追加する



コマンドプロンプト・ターミナルを開いて以下を入力

```
cd 自分のディレクトリの場所(desktop推奨)
```

```
npm install -g firebase-tools
```

```
firebase login
```

```
Allow Firebase to collect CLI usage and error reporting information? (Y/n) Y
```

```
firebase init
```

```
? Which Firebase CLI features do you want to set up for this folder? Press Space to select features, then Enter to confirm your choices.
  ○ Database: Deploy Firebase Realtime Database Rules
  ○ Firestore: Deploy rules and create indexes for Firestore
  ○ Functions: Configure and deploy Cloud Functions
> ● Hosting: Configure and deploy Firebase Hosting sites
  ○ Storage: Deploy Cloud Storage security rules
```

> Use an existing project

> waseda-sai-ar (WASEDA-SAI-AR)

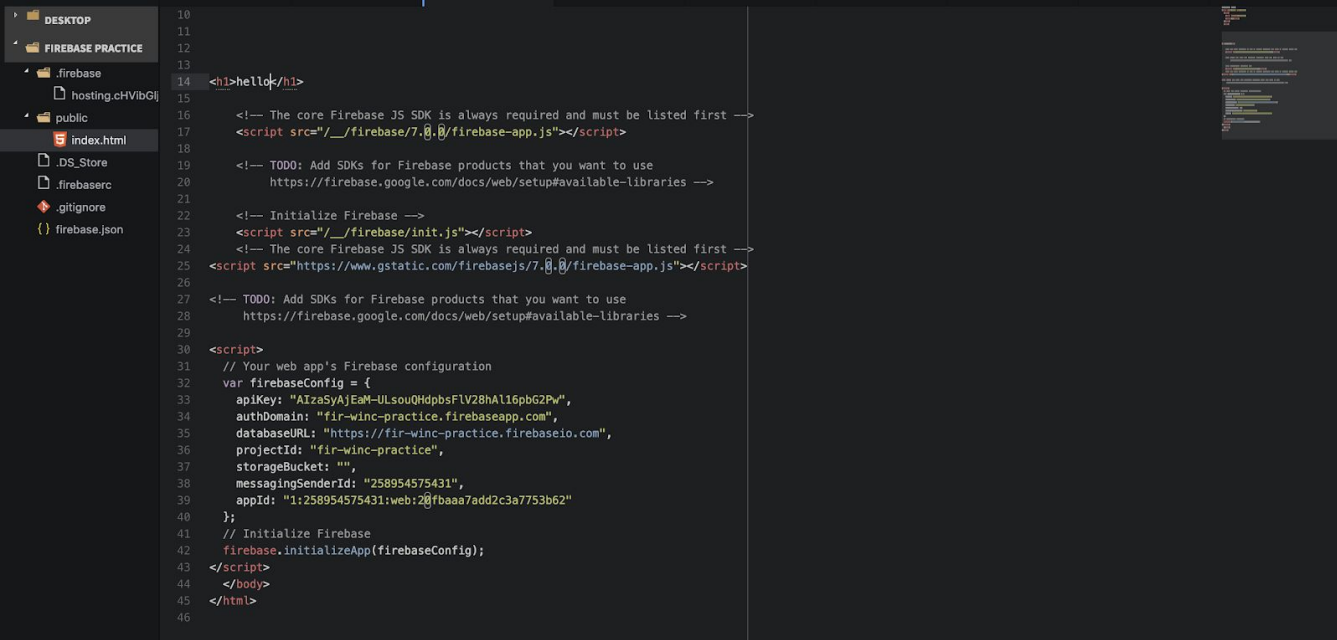
? What do you want to use as your public directory? Public

? Configure as a single-page app (rewrite all urls to /index.html)? (y/N) N

Firebase deploy

```
<!-- The core Firebase JS SDK is always required and must be listed first -->
<script src="/__/firebase/7.0.0/firebase-app.js"></script>
<!-- TODO: Add SDKs for Firebase products that you want to use
      https://firebase.google.com/docs/web/setup#available-libraries -->
<!-- Initialize Firebase -->
<script src="/__/firebase/init.js"></script>
<!-- The core Firebase JS SDK is always required and must be listed first -->
<script src="https://www.gstatic.com/firebasejs/7.0.0/firebase-app.js"></script>
<!-- TODO: Add SDKs for Firebase products that you want to use
      https://firebase.google.com/docs/web/setup#available-libraries -->

<h1>hello world</h1>
```



```
10
11
12
13
14 <h1>hello</h1>
15
16 <!-- The core Firebase JS SDK is always required and must be listed first -->
17 <script src="/__/firebase/7.8.0/firebase-app.js"></script>
18
19 <!-- TODO: Add SDKs for Firebase products that you want to use
20      https://firebase.google.com/docs/web/setup#available-libraries -->
21
22 <!-- Initialize Firebase -->
23 <script src="/__/firebase/init.js"></script>
24 <!-- The core Firebase JS SDK is always required and must be listed first -->
25 <script src="https://www.gstatic.com/firebasejs/7.8.0/firebase-app.js"></script>
26
27 <!-- TODO: Add SDKs for Firebase products that you want to use
28      https://firebase.google.com/docs/web/setup#available-libraries -->
29
30 <script>
31   // Your web app's Firebase configuration
32   var firebaseConfig = {
33     apiKey: "AIzaSyAJEaM-ULsouQHdpbsFLV28hAl16pbG2Pw",
34     authDomain: "fir-winc-practice.firebaseio.com",
35     databaseURL: "https://fir-winc-practice.firebaseio.com",
36     projectId: "fir-winc-practice",
37     storageBucket: "",
38     messagingSenderId: "258954575431",
39     appId: "1:258954575431:web:28fbaaa7add2c3a7753b62"
40   };
41   // Initialize Firebase
42   firebase.initializeApp(firebaseConfig);
43 </script>
44 </body>
45 </html>
46
```

htmlとcssを入れる（Resourcesフォルダー）

[今後の学習](#)