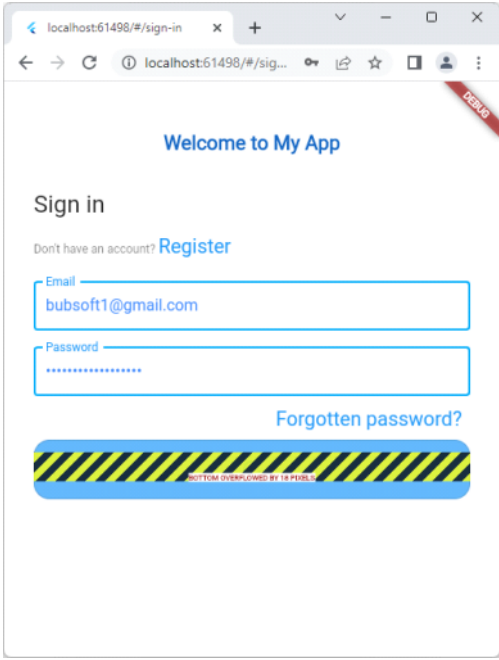


firebase_ui_auth 1.1.10 issues

Saturday, 11 February 2023 12:22 pm

Bug number	Description - all of these are with the "web" app using google chrome browser and using <code>firebase_ui_auth-1.1.10\lib\src</code>
1	<p>Clicking the "sign in" button gives "yellow/black chequered" area - render overflow</p> <p>===== Exception caught by rendering library ===== The following assertion was thrown during layout: A RenderFlex overflowed by 26 pixels on the bottom.</p> <p>The relevant error-causing widget was: SignInScreen SignInScreen:file:///C:/GP/project/flutter/firebase_with_flutter/lib/main.dart:122:20 The overflowing RenderFlex has an orientation of Axis.vertical. The edge of the RenderFlex that is overflowing has been marked in the rendering with a yellow and black striped pattern. This is usually caused by the contents being too big for the RenderFlex.</p>  <p>The screenshot shows a web browser window at localhost:61498/#/sign-in. The page has a header "Welcome to My App" and a "Sign in" section. There are input fields for "Email" (containing "bubsoft1@gmail.com") and "Password". Below the password field is a "Forgotten password?" link. At the bottom of the sign-in form, there is a yellow and black striped error bar with the text "BOTTOM OVERFLOWED BY 18 PIXELS".</p>
2	<p>When there is only one auth provider configured a problem occurs (haven't tested with two providers configured)</p> <pre data-bbox="327 1742 1093 2027">19 FirebaseAuth.configureProviders(20 [21 eapd.EmailAuthProvider(), 22 // ... other providers 23] 24);</pre>


```

37 class MyApp3 extends StatelessWidget {
38   static List<AuthProvider> providers = [eapd.EmailAuthProvider()];
39   @override
40   Widget build(BuildContext context) {
41     return MaterialApp(
42       initialRoute: FirebaseAuth.instance.currentUser == null ? '/sign-in' : '/profile',
43       routes: {
44         '/sign-in': (context) {
45           return DoSignIn(providers, signInTheme);
46         },

```

Name ✓

Sign-in methods



[↔ Sign out](#)


[🗑 Delete account](#)

Move the mouse cursor over the email icon and the cursor does not change to a hand cursor but if you click the icon the screen changes to "enable more sign-in methods" and the login has been "destroyed" in firebase - the email icon is now missing from the providers column in the firebase console. If you log out, you can no longer log in.

Identifier	Providers	Created ↓	Signed In	User UID
bubsoft1@gmail.com		Feb 9, 2023	Feb 9, 2023	Wd5ExbQMIUg25PEaiMx8iF1aEuS2

Name ✓

Enable more sign-in methods



[↔ Sign out](#)

[🗑 Delete account](#)

Log out and try to log in

Sign in

Don't have an account? [Register](#)

Email

Password

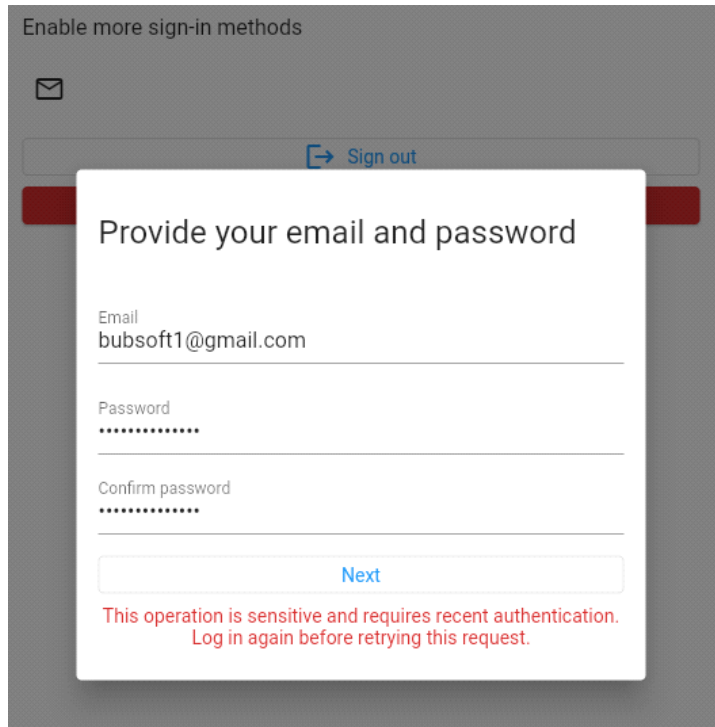
[Forgotten password?](#)

The password is invalid or the user does not have a password

Click forgot password and entering a new password allows the account to be recovered

If you click the email icon under "enable more sign-in methods" you get a dialog that has no cancel option. The only way out of the dialog below is to click outside the white square.

The screenshot shows a dark grey dialog box titled "Enable more sign-in methods" with an envelope icon. Inside, a white sub-dialog box titled "Provide your email and password" is centered. The sub-dialog has three input fields: "Email" with a red error message "Email is required", "Password" with a red error message "Password is required", and "Confirm password" with a red error message "Confirm your password". A "Next" button is at the bottom of the sub-dialog.



3 The color and size change on the text boxes below is undesirable.

Sign in

Don't have an account? [Register](#)

Email

Email is required

Password

Password is required

[Forgotten password?](#)

Sign in

Register

Already have an account? [Sign in](#)

Email

Password

Confirm password

Passwords do not match

Register

4 This is a minor issue, might not be worth fixing.

With the following code, after logging in for the first time, the user is forced to verify the email

address (very desirable) before the profile screen comes up

```
162 providers: providers,  
163 actions: [  
164   AuthStateChangeAction<SignedIn>((context, state) {  
165     if (!state.user!.emailVerified) {  
166       Navigator.pushNamed(context, '/verify-email');  
167     } else {  
168       saveLastLoggedInUser(FirebaseAuth.instance.currentUser);  
169       Navigator.pushReplacementNamed(context, '/profile');  
170     }  
171   }), // AuthStateChangeAction  
172 ],  
173 ); // SignInScreen
```

Log in for the first time

Verify your email

A verification email has been sent to your email address. Please check your email and click on the link to verify your email address.

Continue

[Go back](#)

An email is successfully sent. Click continue before you open the email and you get the following

Verify your email

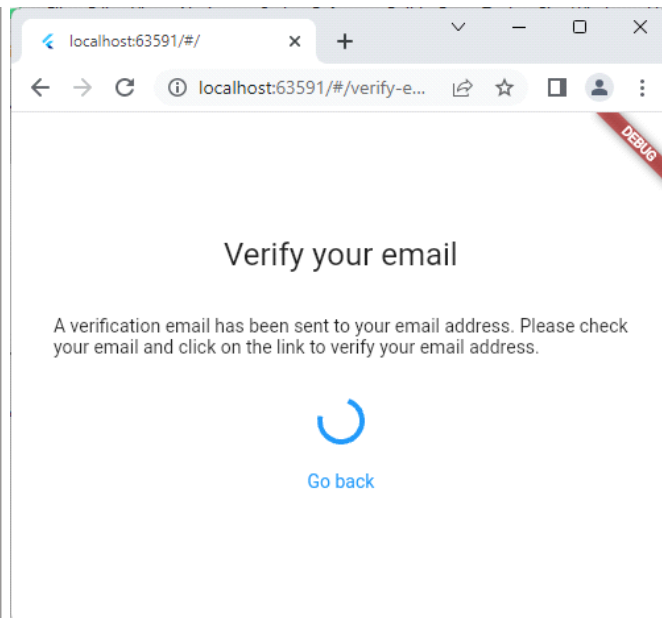
A verification email has been sent to your email address. Please check your email and click on the link to verify your email address.

We couldn't verify your email address.

Resend verification email

[Go back](#)

Clicking "resend verification email" gets a spinning cursor forever even after you click the link in the verify email - though you can go back and log in again then verify again.



5 The following problems have already been reported here.

<https://github.com/firebase/flutterfire/issues/9276>
<https://github.com/firebase/flutterfire/issues/9339>

There appears to be no way of setting the width of the email/ password text boxes. The "breakpoint" value affects the width of the text boxes but it's erratic and has problems.

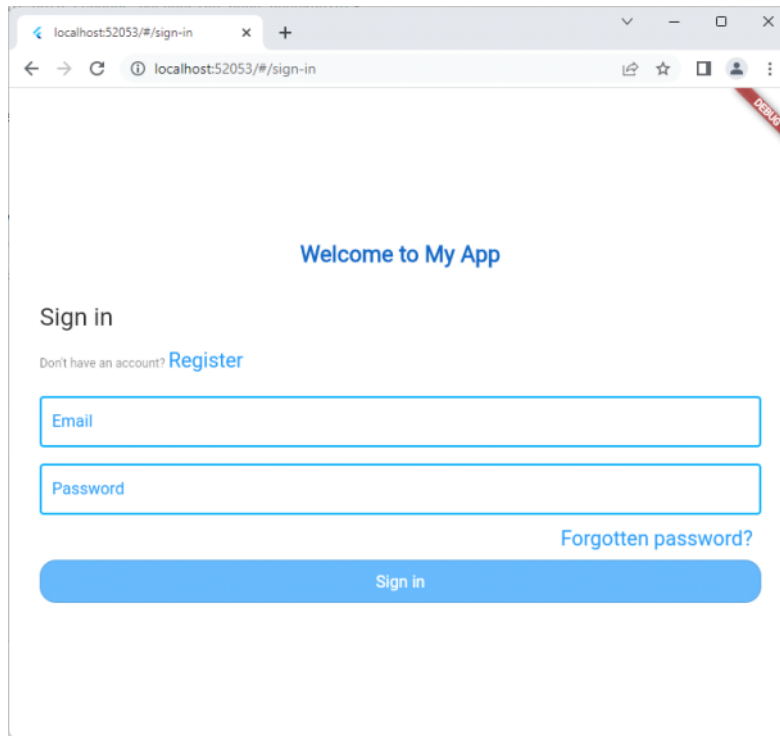
The "breakpoint" value passed to SignInScreen needs to be documented. The description in responsive_page.dart is incorrect.

```
119  
120  
121  
return SignInScreen(  
  breakpoint: 800,  
  
  /// {@template ui.auth.screens.responsive_page.breakpoint}  
  /// Min width of the viewport for desktop layout. If the available width is  
  /// less than this value, a mobile layout is used.  
  /// {@endtemplate}  
  /// {@macro ui.auth.screens.responsive_page.breakpoint}  
  final double breakpoint;
```

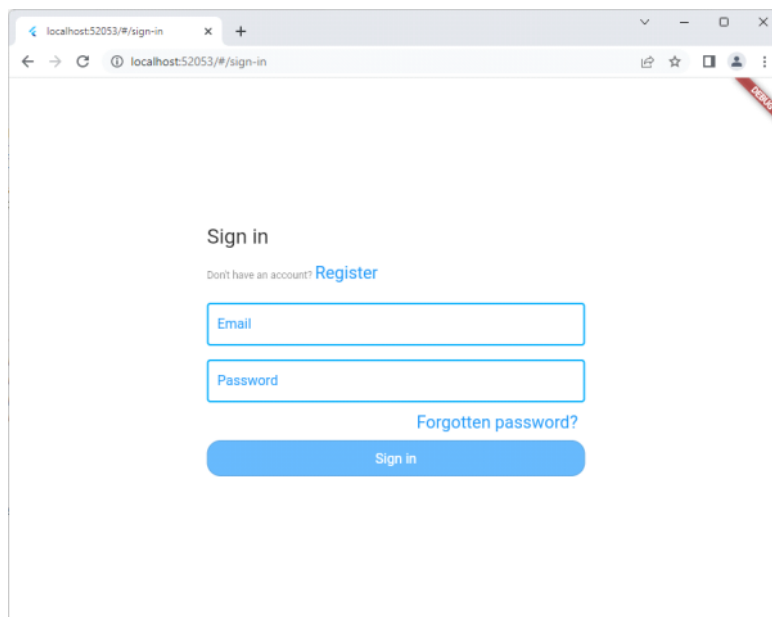
The breakpoint value does affect the width (erratically) of the email/ password text boxes but it also makes the header disappear, depending on the width of the browser window.

Images below are not to scale.

Browser window width 21 cm, text box width is 19 cm, header "welcome to my app" is visible



Browser window width 24 cm (wider) - the header has disappeared. Text box width is 12 cm (narrower)



6

Documentation issues.

It is very difficult to work out how to use the theme to control the appearance. Some better documentation is needed.

```

74 static final signInTheme = ThemeData(
75   textTheme: const TextTheme(LabelLarge: TextStyle(fontSize: 20, color: Colors.blue ), // the forgot password "button"
76   titleMedium: TextStyle(fontSize: 16, color: Colors.blueAccent)), // text in email text box // TextTheme
77   inputDecorationTheme: InputDecorationTheme(
78     hintStyle: const TextStyle(fontSize: 24, color: Colors.blue ),
79     labelStyle: const TextStyle(color: Colors.blue ), // hint text inside text field
80     constraints: const BoxConstraints(maxHeight: 50, maxWidth: 40, minWidth: 40),
81     enabledBorder: const OutlineInputBorder(borderSide: BorderSide(width: 2, color: Colors.lightBlue)),
82     border: OutlineInputBorder(

```

```

74 static final signInTheme = ThemeData(
75   textTheme: const TextTheme(labelLarge: TextStyle(fontSize: 20, color: Colors.blue), // the forgot password "button"
76   titleMedium: TextStyle(fontSize: 16, color: Colors.blueAccent)), // text in email text box // TextTheme
77   inputDecorationTheme: InputDecorationTheme(
78     hintStyle: const TextStyle(fontSize: 24, color: Colors.blue),
79     labelStyle: const TextStyle(color: Colors.blue), // hint text inside text field
80     constraints: const BoxConstraints(maxHeight: 50, maxWidth: 40, minWidth: 40),
81     enabledBorder: const OutlineInputBorder(borderSide: BorderSide(width: 2, color: Colors.lightBlue)),
82     border: OutlineInputBorder(
83       borderRadius: BorderRadius.circular(6),
84     ), // OutlineInputBorder
85   ), // InputDecorationTheme
86   outlinedButtonTheme: OutlinedButtonThemeData(
87     style: ButtonStyle(
88       // https://medium.flutterdevs.com/flutter-2-0-button-cheat-sheet-932173c908e
89       backgroundColor: MaterialStateProperty.all<Color>(Color(0xFF64B5F6)),
90       textStyle: MaterialStateProperty.all<TextStyle>(TextStyle(fontSize: 16)), // the sign in button text
91       padding: MaterialStateProperty.all<EdgeInsets>(
92         const EdgeInsets.all(12),
93       ),
94       minimumSize: MaterialStateProperty.all(const Size(300, 50)), // the width here has no effect
95       maximumSize: MaterialStateProperty.all(const Size(300, 50)), // the width here has no effect
96       foregroundColor: MaterialStateProperty.all<Color>(Colors.white),
97       shape: MaterialStateProperty.all(RoundedRectangleBorder(borderRadius: BorderRadius.circular(10))),
98     ), // ButtonStyle
99   ), // OutlinedButtonThemeData
100 ); // ThemeData
101 }

```

It is common for people to want to change the layout of the sign-in screen e.g. "Log in" instead of "sign in" etc. Some documentation is needed for the easiest way to do this.

For the "register" screen to work properly you need to have an action `AuthStateChangeAction<UserCreated>` - action this isn't documented anywhere.

```

SignInScreen(
  actions: [
    AuthStateChangeAction<UserCreated>((context, state) {
      // perform post-registration logic here, for example - open a new screen
    }),
  ],
);

```

For verify email, there is no documentation that says you need to supply `ActionCodeSettings` for verify to work on Android and IOS (not needed on web) or how to create them.

```

58 |   '/verify-email': (context) => EmailVerificationScreen(
59 |     //actionCodeSettings: ActionCodeSettings(...),
60 |     actions: [
61 |       EmailVerifiedAction(() {
62 |         Navigator.pushReplacementNamed(context, '/profile');
63 |       }), // EmailVerifiedAction
64 |       AuthCancelledAction((context) {
65 |         FirebaseAuth.signOut(context: context);
66 |         Navigator.pushReplacementNamed(context, '/sign-in');
67 |       }), // AuthCancelledAction
68 |     ],
69 |   ), // EmailVerificationScreen

```