

# \$firebaseAuth

## Resources

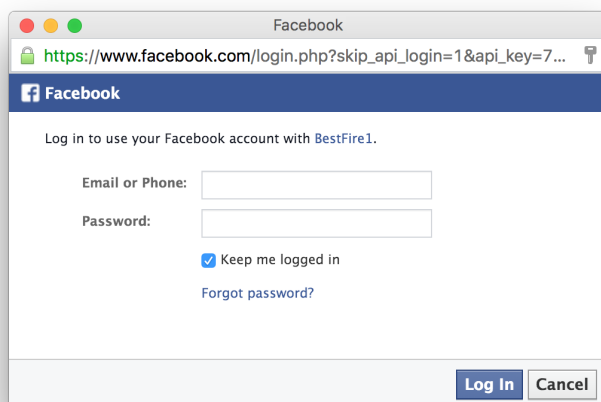
- <https://github.com/MountainlandWEB/Angular-1.5> - 29.01
- <https://console.firebase.google.com/>
- <https://github.com/firebase/angularfire/blob/master/docs/guide/user-auth.md>
- <https://firebase.google.com/docs/reference/js/firebase.auth.Auth>
- <https://developers.facebook.com/apps>

## Firestore Facebook Provider

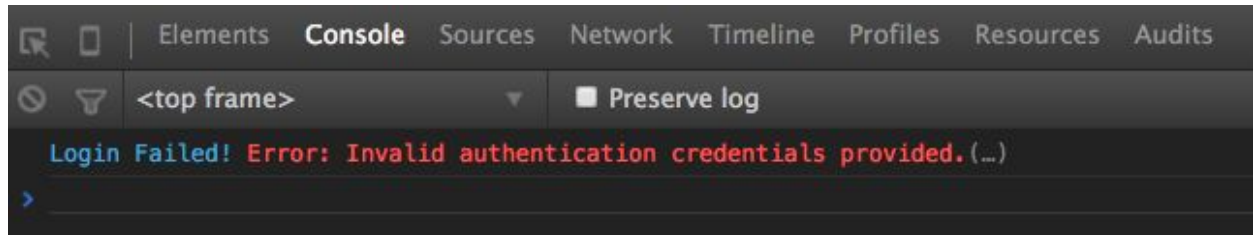
Providers all work in a similar fashion. Social providers require registering your app with the social site (e.g., Facebook).

- **Firestore documentation is excellent.**
- Enable Facebook authentication in your Firestore
- Create a new Facebook web app here: <https://developers.facebook.com/apps>
  - From [Firestore tutorial](#): “To get started with Facebook authentication, you need to first create a new Facebook application. Click the Add a New App button in the top right of that page and select Website as your platform. Then choose an App ID and click Create New Facebook App ID. Select your app's category and click Create App ID. In the top right, click Skip Quick Start.”
- Copy your app id and secret from the Facebook app page into the Firestore authentication page.
- In your Facebook app configuration, click on the Settings tab on the left-hand navigation menu. Under Products, click Add Product, select Facebook Login, add your firestore OAuth callback and click Save Changes at the bottom of the page.
  - E.g., for Firestore “matcexample”, URL will be [https://matcexample.firebaseio.com/\\_/auth/handler](https://matcexample.firebaseio.com/_/auth/handler)

Clicking the button will present the user with a Facebook authorization modal:



Clicking Cancel calls the error callback:



Authorizing provides a token to the success callback:



## Exercise

Students can follow the other guides in the documentation to set up applications with other social services:

1. [http://www.tutorialspoint.com/firebase/firebase\\_email\\_authentication.htm](http://www.tutorialspoint.com/firebase/firebase_email_authentication.htm)
2. Email, Twitter, github, Google, anonymous:  
<https://firebase.google.com/docs/auth/web/password-auth>
3. Get user info: <https://firebase.google.com/docs/auth/web/manage-users>

Once students have set up these various authentication methods, user authentication may be used to interact with rules and permissions (covered tomorrow). This will allow us to lock down data based on login (e.g., allowing a user to delete only their own records).

## More Resources

- Use with ui-router:  
<https://github.com/firebase/angularfire/blob/master/docs/guide/user-auth.md#ui-router-example>