Property 'firebase' does not exist on type { production: boolean; }

Asked 2 years, 6 months ago   Active 5 months ago   Viewed 25k times

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So I was trying to build and deploy my Angular 4 app for production on both Firebase and Heroku, but I have come across the error as follows:

> ERROR in /Users/.../... (57,49): Property 'firebase' does not exist on type '{ production: boolean; }'.

It occurs when I run `ng build --prod` , and my deployment servers are working perfectly fine. Here is my **app.module.ts** file, for reference:

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { FormsModule } from '@angular/forms';
import { AngularFireModule } from 'angularfire2';
import { AngularFireDatabaseModule } from 'angularfire2/database';
import { Ng2ScrollimateModule } from 'ng2-scrollimate';
import { Ng2PageScrollModule } from 'ng2-page-scroll';

import { HttpModule } from '@angular/http';
import {
  trigger,
  state,
  style,
  animate,
  transition,
  keyframes
} from '@angular/animations';
import { BrowserAnimationsModule } from '@angular/platform-browser/animations';
import { environment } from '../environments/environment';

import { AppComponent } from './app.component';

import { LogoComponent } from './logo/logo.component';
import { InfoComponent } from './info/info.component';
import { AboutComponent } from './about/about.component';
import { DividerComponent } from './divider/divider.component';
import { ProficienciesComponent } from './proficiencies/proficiencies.component';
```

```
import { ProficiencyComponent } from './proficiency/proficiency.component';
import { PortfolioComponent } from './portfolio/portfolio.component';
import { ProjectComponent } from './project/project.component';
import { ResumeComponent } from './resume/resume.component';
import { FooterComponent } from './footer/footer.component';
import { ContactComponent } from './contact/contact.component';
import { LoadingComponent } from './loading/loading.component';

@NgModule({
  declarations: [
    AppComponent,
    LogoComponent,
    InfoComponent,
    AboutComponent,
    DividerComponent,
    ProficienciesComponent,
    ProficiencyComponent,
    PortfolioComponent,
    ProjectComponent,
    ResumeComponent,
    FooterComponent,
    ContactComponent,
    LoadingComponent
  ],
  imports: [
    BrowserModule,
    FormsModule,
    HttpModule,
    BrowserAnimationsModule,
    AngularFireModule.initializeApp(environment.firebase),
    AngularFireDatabaseModule,
    Ng2ScrollimateModule,
    Ng2PageScrollModule.forRoot()
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

environment.prod.ts

```
export const environment = {
  production: true
};
```

environment.ts

```
export const environment = {
  production: true,
  firebase: {
      apiKey: "...",
      authDomain: "project.firebaseapp.com",
      databaseURL: "https://project.firebaseio.com",
      projectId: "project",
      storageBucket: "project.appspot.com",
      messagingSenderId: "..."
  }
};
```

After scouring StackOverflow and GitHub for possible solutions, there seem to be no developers who have encountered this exact error and published their findings, so I was wondering whether anyone knows how to go about solving this issue. Thanks so much in advance!

angular   firebase   heroku   environment-variables   firebase-hosting

edited Mar 12 '18 at 13:27   asked May 17 '17 at 19:16

dhilt   Anthony Krivonos
9,862   4   32   46   3,676   3   10   30

What does your `environment` import looks like? – eko May 17 '17 at 19:17 ✎

@echonax Let me update the question for you with my code. – Anthony Krivonos May 17 '17 at 19:17

5 Answers

When you run `ng build --prod` angular-cli will use the `environment.prod.ts` file and your `environment.prod.ts` files `environment` variable doesn't have the `firebase` field hence you are getting the exception.

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Add the field to `environment.prod.ts`

```
export const environment = {
  production: true,
  firebase: {
    apiKey: "...",
    authDomain: "project.firebaseapp.com",
    databaseURL: "https://project.firebaseio.com",
```

```
        projectId: "project",
        storageBucket: "project.appspot.com",
        messagingSenderId: "..."
    }
};
```

8   You, sir, are a life saver. All I had to do was replicate my `environment.ts` code into my `environment.prod.ts` file. Then, I simply ran: `ng build --prod` and `firebase deploy` . – Anthony Krivonos May 17 '17 at 19:37 ✎

1   @AnthonyKrivonos glad I could help :-) – eko May 17 '17 at 19:37

not a very good solution although – Vlad Nov 26 '17 at 17:22

1   why is it this not a very good solution? – Kevin RED Jul 10 at 6:04

I agree, now I get firebase is not part of .... while I added it in both environement – user7082181 Jul 29 at 8:47

My approach is to merge common environment object with prod one. Here's my **environment.prod.ts**:

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```
import { environment as common } from './environment';

export const environment = {
  ...common,
  production: true
};
```

So common environment object acts as an overridable default for all other environments.

This approach looks good to me but not sure why Angular 7 cli shows warning, ** WARNING in Circular dependency detected: src\environments\environment.ts -> src\environments\environment.ts ** – user2243747 Jun 10 at 0:54 ✎

I hate duplicates in code

so let's create a separate file named `environments/firebase.ts` with content

```
export const firebase = {
    //...
};
```

the usage

```
import {firebase} from '../environments/firebase';
//...
AngularFireModule.initializeApp(firebase)
```

all is clear as for me

answered Nov 26 '17 at 17:29

Vlad
2,525 2 25 30

So how will this overcome the problem that when ng build --prod is called, it will include this file and when ng serve is called, it will call the other? – eko Nov 26 '17 at 17:38 ✎

@echonax yes i see it in `main.<hash>.js` file – Vlad Nov 26 '17 at 17:41 ✎

I don't know what that means but let me put it this way; when OP calls ng serve, angular-cli will look for `environment.ts` and when `ng build --prod` is called, angular-cli will look for `environment.prod.ts` . By doing it like your answer, both prod and development environment will use the same config. – eko Nov 26 '17 at 17:44

I got the same error because I had misspelled 'firebase' as 'firebas'

firebas: { apiKey: "...", authDomain: "project.firebaseapp.com", databaseURL: "https://project.firebaseio.com", projectId: "project", storageBucket: "project.appspot.com", messagingSenderId: "..." }

answered Mar 4 at 11:34

Caleb Grams
145 1 11

Make sure there is no gap between `firebase` and `:`.

That is, it should be `firebase:`, not `firebase :`.

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edited Oct 5 '17 at 11:42   answered Oct 5 '17 at 10:37

Toby Speight   Neelesh Ahankari
19.4k   13   49   73   **1**