

Typescript: TS7006: Parameter 'xxx' implicitly has an 'any' type

Asked 2 years, 6 months ago Active 3 months ago Viewed 100k times



In testing my UserRouter, I am using a json file

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data.json



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```
[
  {
    "id": 1,
    "name": "Luke Cage",
    "aliases": ["Carl Lucas", "Power Man", "Mr. Bulletproof", "Hero for Hire"],
    "occupation": "bartender",
    "gender": "male",
    "height": {
      "ft": 6,
      "in": 3
    },
    "hair": "bald",
    "eyes": "brown",
    "powers": [
      "strength",
      "durability",
      "healing"
    ]
  },
  {
    ...
  }
]
```

Building my app, I get the following TS error

```
ERROR in ...../UserRouter.ts
(30,27): error TS7006: Parameter 'user' implicitly has an 'any' type.
```

UserRouter.ts

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```
import {Router, Request, Response, NextFunction} from 'express';
const Users = require('../data');

export class UserRouter {
  router: Router;

  constructor() {
    ...
  }

  /**
   * GET one User by id
   */
  public getOne(req: Request, res: Response, _next: NextFunction) {
    let query = parseInt(req.params.id);
    /*[30]->*/let user = Users.find(user => user.id === query);
    if (user) {
      res.status(200)
        .send({
          message: 'Success',
          status: res.status,
          user
        });
    }
    else {
      res.status(404)
        .send({
          message: 'No User found with the given id.',
          status: res.status
        });
    }
  }
}

const userRouter = new UserRouter().router;
export default userRouter;
```

typescript

[edited Mar 28 '17 at 8:22](#)

asked Mar 28 '17 at 8:20

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- 2 Can you show us your tsconfig ? By the look of it you have noImplicitAny enabled and that is what causing the error. – [Sebastian Sebald](#) Mar 28 '17 at 8:53

Please refer to this [parameter implicitly has an 'any' type](#) – [Mohammad Ayoub Khan](#) Jun 30 at 17:17

Please refer to this [parameter implicitly has an 'any' type](#) – [Mohammad Ayoub Khan](#) Jun 30 at 17:17

3 Answers



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You are using the `--noImplicitAny` and TypeScript don't know about the type of `Users` object. In this case, you need to explicitly define the `user` type.

change this line:

```
let user = Users.find(user => user.id === query);
```

for this:

```
let user = Users.find((user: any) => user.id === query);
// use "any" or someother interface to type this argument
```

Or define the type of your `Users` object:

```
//...
interface User {
  id: number;
  name: string;
  aliases: string[];
  occupation: string;
  gender: string;
  height: {ft: number; in: number;};
  hair: string;
  eyes: string;
  powers: string[]
}
//...
```

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answered Mar 28 '17 at 13:24

[Diullei](#)

4,458

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12 In your tsconfig.json add this "noImplicitAny": false to "compilerOptions":{} it will work – [Naval Kishor Jha](#) Jan 16 '18 at 7:19

7 @naval-kishor-jha , but noImplicitAny is a good option , we have to find a solution with noImplicitAny as true , is that a Typescript issue ? – [AhammadaliPK](#) Dec 17 '18 at 10:37

Sometimes, I encounter this problem then I quickly search on StackOverflow, I see my vote to you, every time I'm mad at myself for this problem :) I hope so, I will never see this page – [Metin Atalay](#) Aug 8 at 7:32



30



In your tsconfig.json file set the parameter "noImplicitAny": false under compilerOptions to get rid of this error.

answered Oct 8 '18 at 21:15

[st_ahmed](#)

375

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9 Careful. This workaround silences the error and only fixes the symptom; it doesn't fix the root cause. – [jbmusso](#) May 29 at 9:31

2 @jbmusso is right. Try to use the strict mode instead of shutting it down. This way you won't find errors at runtime – [boyd](#) Jul 14 at 7:35



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I encountered this error and found that it was because the "strict" parameter was set to true in the tsconfig.json file. Just set it "false" (obviously). In my case I had generated the tsconfig file from the cmd prompt and simply missed the "strict" parameter, which was located further down in the file.

answered Sep 1 '17 at 19:38

[Jeff Eastman](#)

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thanks it will great help – [Sunny Jangid](#) Jun 14 '18 at 9:41

3 Setting strict mode to false is very bad. You won't get errors on compile time anymore but you will get them at runtime, which you don't want. I highly

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