How can I generate tsconfig.json file?

Asked 3 years, 6 months ago   Active 1 month ago   Viewed 63k times

▲

120   typescript

▼

★

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How can I generate `tsconfig.json` via command line? I tried command `tsc init` , but this doesn't work.

asked Apr 28 '16 at 14:01

Rajab Shakirov
2,485   5   18   39

5 Answers

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222

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✔

It is supported since the release of TypeScript 1.6.

Try to run in your console the following to check the version:
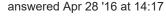
```
$ tsc -v
```

If the version is older than 1.6 you will need to update:

```
$ npm install -g typescript
```

Remember that you need to install node.js to use npm.

The correct command is `--init` not `init` :

edited Jul 10 '17 at 21:47   answered Apr 28 '16 at 14:17

                                                      Remo H. Jansen
                                                      12.7k   8   50   77

> 1   if, like me, this didn't quite work for you - try the solution provided in this answer: stackoverflow.com/a/32532656/1732184 Cheers! – prestonsmith Apr
>   20 '17 at 21:02 ✎

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this worked for me:

△

17   `tsc --init`

▽

                                                      answered Sep 9 '18 at 7:10

                                                      Diego Santa Cruz
                                                      Mendezú
                                                      1,532   12   15

> This information is contained in stackoverflow.com/a/36917406/2108548 – rominf Mar 3 at 12:59 ✎

Setup a ts project as following steps:

△

2   - install typescript `yarn global add typescript`
         - create a **package.json**: run `yarn init` or setting defaults `yarn init -yp`
▽
         - create a **tsconfig.json**: run `tsc --init`
         - (*optional) add **tslint.json**

The project structure seems like:

```
│   package.json
│   tsconfig.json
│   tslint.json
│   yarn.lock
```

```
    └─src
          index.ts
```

For those who have TypeScript installed as a local package (and possibly as a dev dependency) via:

1

```
$ npm install typescript --save-dev
```

...and who have added *tsc* script to package.json:

```
"scripts": {
    ...
    "tsc": "tsc"
},
```

You can call `tsc --init` via `npm` :

```
$ npm run tsc -- --init
```

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There is something new, it does everything for you, even package.json and it's from Google.

It's called GTS for Google TypeScript Style. So it comes with an opiniated linter and other tools.

It's [here](#) on Github.

And apparently it avoids bikeshedding which is a good thing, right? :)