

Using Type Declaration Files



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Overview



Type declaration files

- What are they?
- Where do I get them?
- How do I use them?



What Are Type Declaration Files?

TypeScript wrapper for JavaScript libraries

- Types for variables, functions, etc.
- Define valid property names
- Define function parameters
- And much more!

Development-time tool

Filenames end with .d.ts

Available for thousands of libraries



@angular/core  

16.2.6 • Public • Published 5 days ago



Beta



1 Dependency



13,738 Dependents



729 Versions

Angular

The sources for this package are in the main [Angular](#) repo. Please file issues and pull requests against that repo.

Usage information and reference details can be found in [Angular documentation](#).

License: MIT

Install

```
> npm i @angular/core
```

Repository



github.com/angular/angular

Homepage

DefinitelyTyped

Github repository containing thousands of type declaration files

Declaration files often maintained independent of related JavaScript library

Source for installation utilities



Installing Type Declaration Files

Installed with npm

Packages installed from `@types/<name>`

Sourced from the DefinitelyTyped repo



Demo



Installing and using a type declaration file



Summary



Write code faster

Find errors faster

Provide value faster



Up Next:

Applying TypeScript Decorators

