

# Applying TypeScript Decorators



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# Overview



**What are decorators?**

**TypeScript 5 decorators vs. older  
decorators**

**Applying decorators to class methods**



# What are decorators?

Function that is applied to other code

Form of metaprogramming

Similar to attributes in C# and annotations in Java

May be applied to...

- Classes
- Methods
- Properties
- Fields
- Getters/setters



# TypeScript 5 Decorators

**Support the upcoming JavaScript decorator proposal**

**Not compatible with earlier TypeScript decorators**

**Do not use `--experimentalDecorators` or `--emitDecoratorMetadata` compiler flags**



# Demo



## Creating and applying a method decorator



# Summary



**Created by authors of large libraries and frameworks**

**Applied to all kinds of code in all kinds of applications**



**Up Next:**

# **Debugging TypeScript Code**

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