

Class Decorators



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Summary

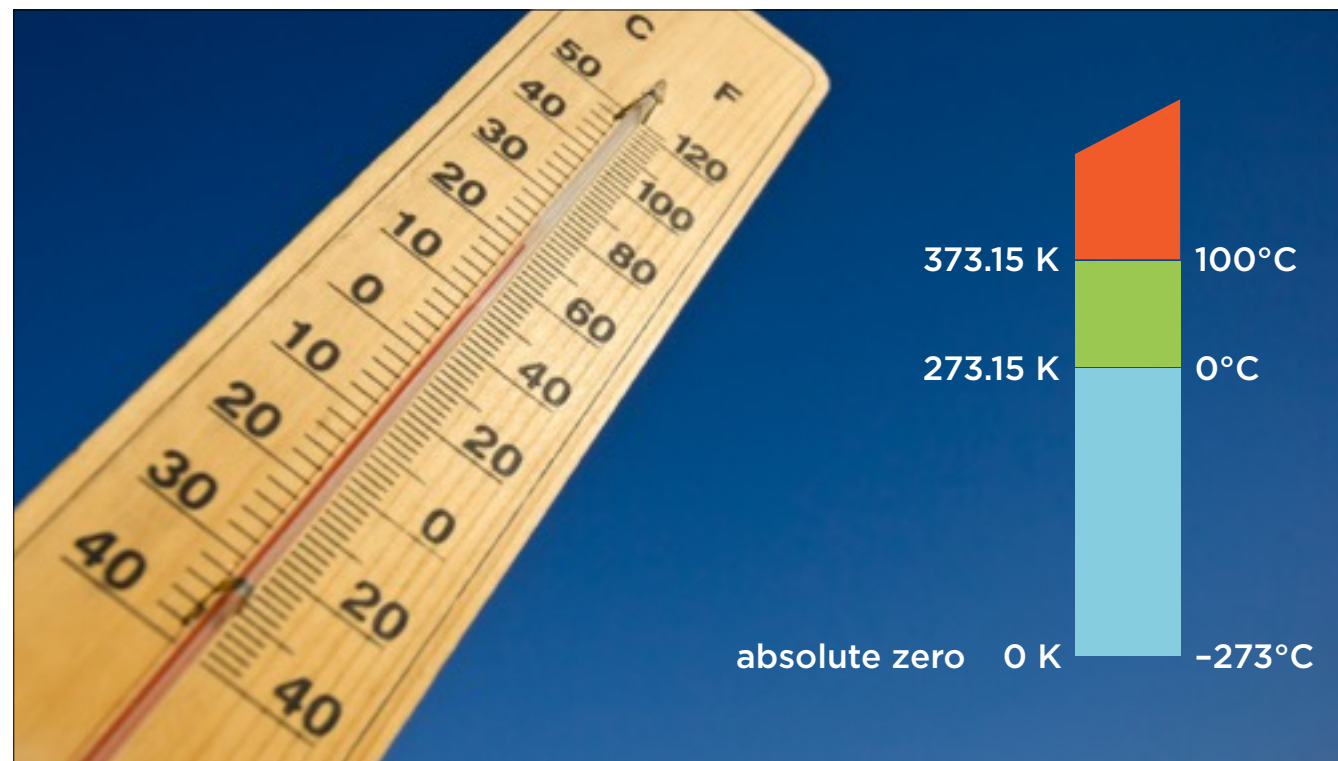
Metaclasses – lots of moving parts

Class Decorators – a simpler alternative

Class Decorator < Metaclass

Prefer class decorators

Conceptually similar to function decorators



Enforcing Class Invariants With Class Decorators

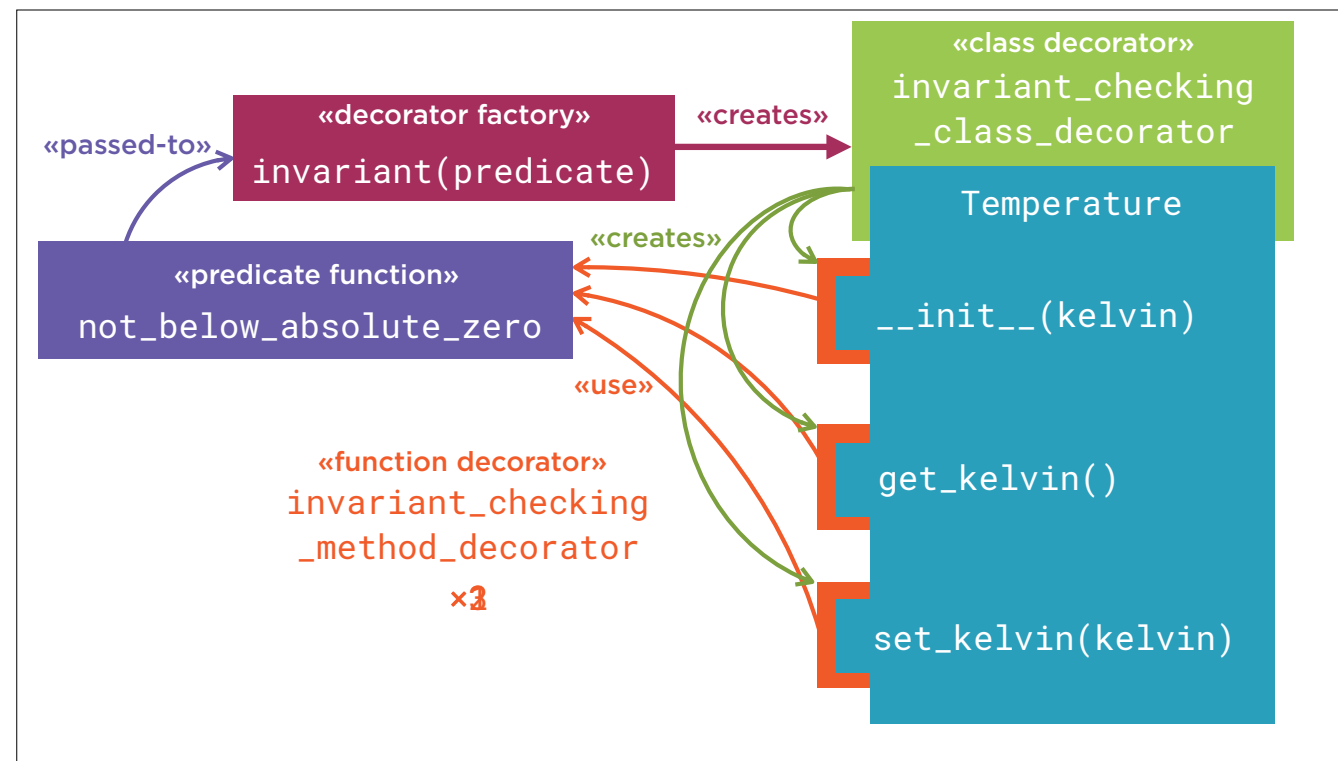
Configurable Decorators with Decorator Factories

```
@decorator_factory(argument)
class Decorated:
    pass
```

Configurable Decorators with Decorator Factories

```
@(decorator_factory(argument))  
class Decorated:  
    pass
```

Mentally parse with extra parentheses



Detecting and Wrapping Properties

Chaining Class Decorators

Summary

Class decorators are simpler than metaclasses...

... but also less powerful...

...so prefer class decorators.