Scala 3 Reference / Dropped Features / Dropped: Class Shadowing

LEARN   INSTALL   PLAYGROUND   FIND A LIBRARY   COMMUNITY

BLOG

Dropped: Class Shadowing

Edit this page on GitHub

Scala 2 so far allowed patterns like this:

```
class Base {
  class Ops { ... }
}

class Sub extends Base {
  class Ops { ... }
}
```

Scala 3 rejects this with the error message:

```
6 |      class Ops {  }
  |                ^
  |class Ops cannot have the same name as class Ops in class Base
  | -- class definitions cannot be overridden
```

The issue is that the two `Ops` classes *look* like one overrides the other, but classes in Scala 2 cannot be overridden. To keep things clean (and its internal operations consistent) the Scala 3 compiler forces you to rename the inner classes so that their names are different.

More details

‹ Dropp...   Dropp... ›