retract/1

Description

```
retract(Clause)
retract((Head:-Body))
```

Retracts a dynamic clause from an object.

Template and modes

```
retract(+clause)
```

Errors

Head is a variable:
    instantiation_error
Head is neither a variable nor a callable term:
    type_error(callable, Head)
The predicate indicator of Head is that of a private predicate:
    permission_error(modify, private_predicate, Head)
The predicate indicator of Head is that of a protected predicate:
    permission_error(modify, protected_predicate, Head)
The predicate indicator of Head is that of a static predicate:
    permission_error(modify, static_predicate, Head)
The predicate indicator of Head is not declared:
    existence_error(predicate_declaration, Head)

Examples

To retract a matching clause of any dynamic predicate in this:
    retract(Clause)
To retract a matching clause of a public or protected dynamic predicate in self:
    ::retract(Clause)
To retract a matching clause of a public dynamic predicate in an object:
    Object::retract(Clause)