

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)
```