

retractall/1

Description

```
retractall(Head)
```

Retracts all matching predicates from an object.

Template and modes

```
retractall(+callable)
```

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 all matching predicate definitions in this:

```
retractall(Head)
```

To retract all matching public or protected predicate definitions in self:

```
::retractall(Head)
```

To retract all matching public predicate definitions in an object:

```
Object::retractall(Head)
```

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