clause/2

Description

```
clause(Head, Body)
```

Enumerates, by backtracking, the clauses of an object's dynamic predicates.

Template and modes

```
clause(+callable, ?body)
```

Errors

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

Examples

To retrieve a matching clause of any dynamic predicate in this:
```
clause(Head, Body)
```
To retrieve a matching clause of a public or protected dynamic predicate in self:
```
::clause(Head, Body)
```
To retrieve a matching clause of a public dynamic predicate in an object:
```
Object::clause(Head, Body)
```