asserta/1

Description

```
asserta(Head)
asserta((Head:-Body))
```

Asserts a clause as the first one for an object's dynamic predicate. If the predicate is not already declared, then a dynamic predicate declaration is added to the object.

Template and modes

```
asserta(+clause)
```

Errors

Head is a variable:
```
instantiation_error
```
Head is a neither a variable nor a callable term:
```
type_error(callable, Head)
```
Body cannot be converted to a goal:
```
type_error(callable, Body)
```
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)
```

Examples

To assert a clause as the first one for any dynamic predicate in this:
```
asserta(Clause)
```
To assert a clause as the first one for any public or protected dynamic predicate in self:
```
::asserta(Clause)
```
To assert a clause as the first one for any public dynamic predicate in an object:
```
Object::asserta(Clause)
```