

## assertz/1

### Description

```
assertz(Head)
assertz( (Head:-Body) )
```

Asserts a clause as the last 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

```
assertz(+clause)
```

### Errors

Head is a variable:

```
instantiation_error
```

Head is 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 last one for any dynamic predicate in this:

```
assertz(Clause)
```

To assert a clause as the last one for any public or protected dynamic predicate in self:

```
::assertz(Clause)
```

To assert a clause as the last one for any public dynamic predicate in an object:

```
Object::assertz(Clause)
```