

::/1

Description

```
::Predicate  
  
::(Predicate1, Predicate2, ...)  
  
::(Predicate1; Predicate2; ...)
```

Send a message to self. Only used in the body of a predicate definition. The argument should match a public or protected predicate of self. It may also match a private predicate if the predicate is within the scope of the object where the method making the call is defined, if imported from a category, if used from inside a category, or when using private inheritance. We can also send a set of messages to self. The " , " and " ; " in the list have the usual Prolog meaning.

Template and modes

```
::+messages
```

Errors

Predicate is a variable:

```
instantiation_error
```

Predicate is declared private:

```
permission_error(access, private_predicate, Predicate)
```

Predicate is not declared:

```
existence_error(predicate_declaration, Predicate)
```

Examples

```
area(Area) :-  
    ::width(Width),  
    ::height(Height),  
    Area is Width*Height.
```

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Last updated on: October 26, 2005