

extends_protocol/2-3

Description

```
extends_protocol(Protocol1, Protocol2)

extends_protocol(Protocol1, Protocol2, Scope)
```

Enumerates, by backtracking, all pairs of protocols such that the first one extends the second. The relation scope is represented by the atoms `public`, `protected`, and `private`.

Template and modes

```
extends_protocol(?protocol_identifier, ?protocol_identifier)

extends_protocol(?protocol_identifier, ?protocol_identifier, ?scope)
```

Errors

Protocol1 is neither a variable nor a valid protocol identifier:

```
type_error(protocol_identifier, Protocol1)
```

Protocol2 is neither a variable nor a valid protocol identifier:

```
type_error(protocol_identifier, Protocol2)
```

Scope is neither a variable nor a valid entity scope:

```
type_error(scope, Scope)
```

Examples

```
| ?- extends_protocol(listp, Protocol).
| ?- extends_protocol(Protocol, temp, private).
```

Copyright © Paulo Moura — Logtalk.org
XHTML + CSS Last updated on: November 16, 2005