

`instantiates_class/2-3`

Description

```
instantiates_class(Instance, Class)

instantiates_class(Instance, Class, Scope)
```

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

Template and modes

```
instantiates_class(?object_identifier, ?object_identifier)

instantiates_class(?object_identifier, ?object_identifier, ?scope)
```

Errors

Instance is neither a variable nor a valid object identifier:

```
type_error(object_identifier, Instance)
```

Class is neither a variable nor a valid object identifier:

```
type_error(object_identifier, Class)
```

Scope is neither a variable nor a valid entity scope:

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

Examples

```
| ?- instantiates_class(water_jug, state_space).

| ?- instantiates_class(Space, state_space, public).
```

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