

## create\_object/4

### Description

```
create_object(Identifier, Relations, Directives, Clauses)
```

Creates a new, dynamic, object.

### Template and modes

```
create_object(+object_identifier, +list, +list, +list)
```

### Errors

One of the predicate arguments is a variable:

```
instantiation_error
```

Identifier is not a valid object identifier:

```
type_error(object_identifier, Identifier)
```

Identifier is already in use:

```
permission_error(replace, category, Identifier)
```

```
permission_error(replace, object, Identifier)
```

```
permission_error(replace, protocol, Identifier)
```

Relations is neither a variable nor a proper list:

```
type_error(list, Relations)
```

Directives is neither a variable nor a proper list:

```
type_error(list, Directives)
```

Clauses is neither a variable nor a proper list:

```
type_error(list, Clauses)
```

### Examples

```
| ?- create_object(foo, [extends(bar)], [public(foo/1)], [foo(1), foo(2)]).
```

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