

class_hierarchy

Class hierarchy protocol.

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version:

1.0

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compilation:

static, context_switching_calls

extends:

public hierarchy

Public interface

class/1

Returns, by backtracking, all object classes.

compilation:

static

template:

class(Class)

mode - number of solutions:

class(?object) - zero_or_more

classes/1

List of all object classes.

compilation:

static

template:

classes(Classes)

mode - number of solutions:

classes(-list) - one

instance/1

Returns, by backtracking, all class instances.

compilation:

static

template:

instance(Instance)

mode - number of solutions:

instance(?object) - zero_or_more

instances/1

List of all class instances.

compilation:

static

template:

```
instances(Instances)
```

mode - number of solutions:

```
instances(-list) - one
```

subclass/1

Returns, by backtracking, all class subclasses.

compilation:

```
static
```

template:

```
subclass(Subclass)
```

mode - number of solutions:

```
subclass(?object) - zero_or_more
```

subclasses/1

List of all class subclasses.

compilation:

```
static
```

template:

```
subclasses(Subclasses)
```

mode - number of solutions:

```
subclasses(-list) - one
```

superclass/1

Returns, by backtracking, all class superclasses.

compilation:

```
static
```

template:

```
superclass(Superclass)
```

mode - number of solutions:

```
superclass(?object) - zero_or_more
```

superclasses/1

List of all class superclasses.

compilation:

```
static
```

template:

```
superclasses(Superclasses)
```

mode - number of solutions:

```
superclasses(-list) - one
```

leaf_instance/1

Returns, by backtracking, all class leaf instances.

compilation:

```
static
```

template:

```
leaf_instance(Leaf)
```

mode - number of solutions:
leaf_instance(?object) - zero_or_more

leaf_instances/1

List of all class leaf instances.

compilation:
static

template:
leaf_instances(Leaves)

mode - number of solutions:
leaf_instances(-list) - one

leaf_class/1

Returns, by backtracking, all class leaf subclasses.

compilation:
static

template:
leaf_class(Leaf)

mode - number of solutions:
leaf_class(?object) - zero_or_more

leaf_classes/1

List of all class leaf leaf subclasses.

compilation:
static

template:
leaf_classes(Leaves)

mode - number of solutions:
leaf_classes(-list) - one

descendant_instance/1

Returns, by backtracking, all class descendant instances.

compilation:
static

template:
descendant_instance(Descendant)

mode - number of solutions:
descendant_instance(?object) - zero_or_more

descendant_instances/1

List of all class descendant instances.

compilation:
static

template:
descendant_instances(Descendants)

mode - number of solutions:
descendant_instances(-list) - one

descendant_class/1

Returns, by backtracking, all class descendant subclasses.

compilation:

`static`

template:

`descendant_class(Descendant)`

mode - number of solutions:

`descendant_class(?object) - zero_or_more`

descendant_classes/1

List of all class descendant subclasses.

compilation:

`static`

template:

`descendant_classes(Descendants)`

mode - number of solutions:

`descendant_classes(-list) - one`

Protected interface

(see related entities)

Private predicates

(see related entities)