

# event\_registry

*Event registry protocol.*

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version:

1.1

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compilation:

static, context\_switching\_calls, events

*(no dependencies on other files)*

## Public interface

### monitors/1

*Returns a list of all current monitors.*

compilation:

static

template:

monitors(Monitors)

mode - number of solutions:

monitors(-list(object\_identifier)) - one

### monitor/1

*Monitor is an object playing the role of a monitor.*

compilation:

static

template:

monitor(Monitor)

mode - number of solutions:

monitor(-object\_identifier) - zero\_or\_more

monitor(+object\_identifier) - zero\_or\_one

### monitored/1

*Returns a list of all currently monitored objects.*

compilation:

static

template:

monitored(Objects)

mode - number of solutions:

monitored(-list(object\_identifier)) - one

### monitor/4

*True if the arguments describe a currently defined monitored event.*

compilation:

static

template:

```
monitor(Object,Message,Sender,Monitor)
```

mode - number of solutions:

```
monitor(?object_identifier,?nonvar,?object_identifier,?object_identifier) -  
zero_or_more
```

## **set\_monitor/4**

*Sets a monitor for the set of matching events.*

compilation:

```
static
```

template:

```
set_monitor(Object,Message,Sender,Monitor)
```

mode - number of solutions:

```
set_monitor(?object_identifier,?nonvar,?object_identifier,+object_identifier)  
- zero_or_one
```

## **del\_monitors/4**

*Deletes all matching monitored events.*

compilation:

```
static
```

template:

```
del_monitors(Object,Message,Sender,Monitor)
```

mode - number of solutions:

```
del_monitors(?object_identifier,?nonvar,?object_identifier,?object_identifier)  
- one
```

## **del\_monitors/0**

*Deletes all monitored events.*

compilation:

```
static
```

mode - number of solutions:

```
del_monitors - one
```

## **Protected interface**

*(none)*

## **Private predicates**

*(none)*