

# process

*Describes the process object as a composition of all POPM perspectives.*

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0.8  
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compilation:  
static, context\_switching\_calls

imports:  
public functional\_constraint  
public behavioral\_constraint  
public organizational\_constraint  
public data\_constraint  
public operational\_constraint

## Public interface

### process\_title/1

*The title of the process.*

compilation:  
static  
mode - number of solutions:  
process\_title(-atom) - one

### process\_description/1

*The description of the process.*

compilation:  
static  
mode - number of solutions:  
process\_description(-atom) - one

### contained\_in\_process\_model/1

*Stores in which process model this process is contained.*

compilation:  
static  
mode - number of solutions:  
contained\_in\_process\_model(-process\_model) - one

### process\_actions/1

*Declaring the actions that can be performed on the process.*

compilation:  
static  
mode - number of solutions:  
process\_actions(+list(actions)) - one

## process\_domain/2

*The domain of the process is stored here.*

compilation:

static

mode - number of solutions:

process\_domain(+list(dependencies),+term(clpfd\_domains)) - one

## highest\_positive\_recommendation\_degree/1

...

compilation:

static

mode - number of solutions:

highest\_positive\_recommendation\_degree(-number) - one

## highest\_negative\_recommendation\_degree/1

...

compilation:

static

mode - number of solutions:

highest\_negative\_recommendation\_degree(-number) - one

## validate\_action/3

...

compilation:

static

mode - number of solutions:

validate\_action(?var(action),+modelstate,+compound\_term(concept\_identifiers))  
- zero\_or\_more

## perform\_action/4

...

compilation:

static

mode - number of solutions:

perform\_action(+var(action),+modelstate,+compound\_term(concept\_identifiers),?  
list(state)) - zero\_or\_one

## id/1

*Returns the process identifier. Example query: pid\_1(\_::id(MyID)).*

compilation:

static

mode - number of solutions:

id(?var(process\_identifier)) - zero\_or\_one

## Protected interface

*(see related entities)*

## Private predicates

*(see related entities)*