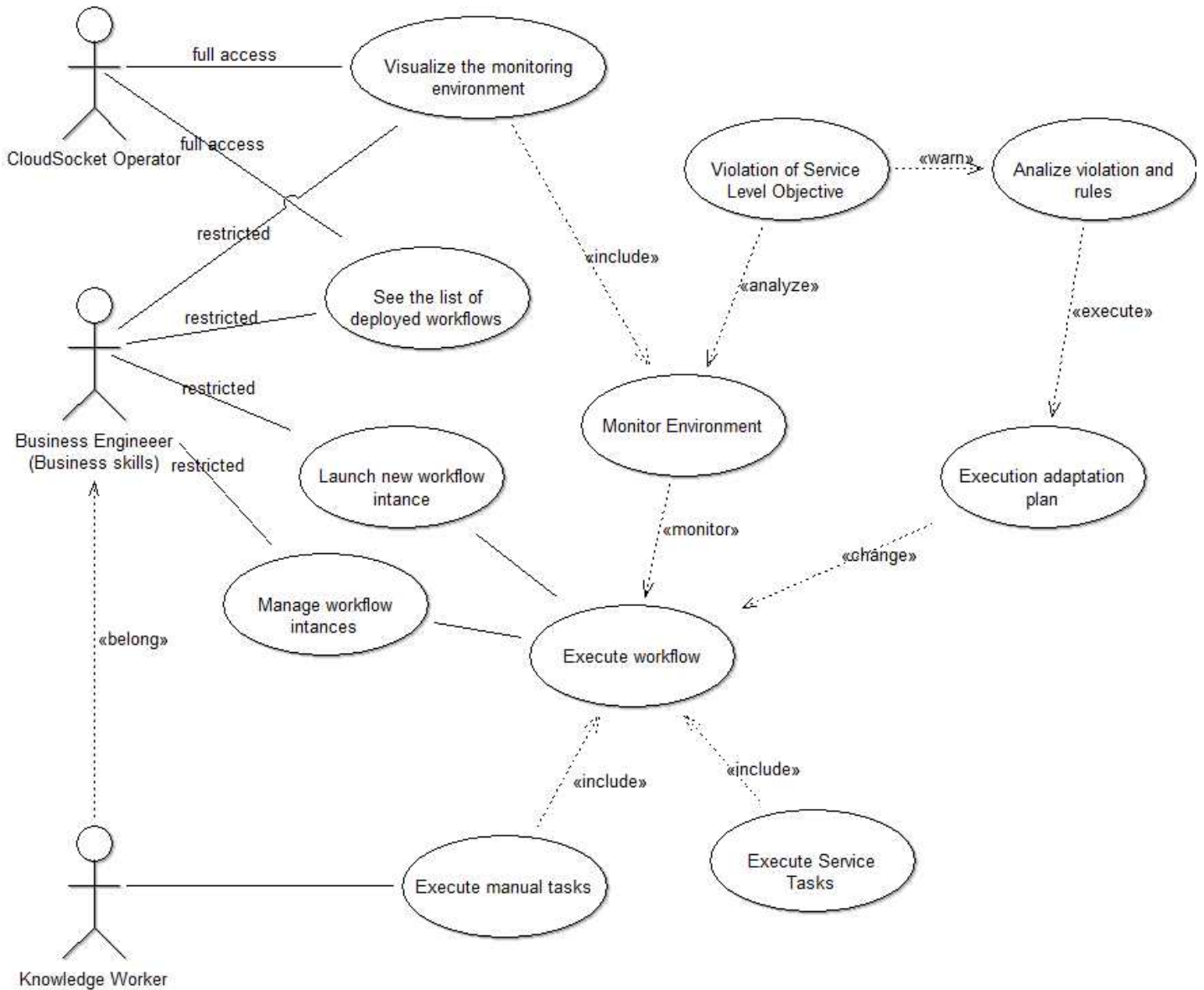


Model Content Export

Table of content:

UC2- Execution of the Business Process as a Service

UC2- Execution of the Business Process as a Service



Instances

actor-21603(actor)

Position
 External tool coupling
 Visibility
 IsAbstract
 IsLeaf
 Description
 Comment
 Presentation
 Extended properties
 User defined properties
 Open questions

STRING
 STRING
 ENUMERATION
 ENUMERATION
 ENUMERATION
 STRING
 STRING
 ENUMERATION
 ENUMERATIONLIST
 STRING
 STRING

NODE x:2cm y:7.5cm index:1

public
 no
 no

Standard

See the list of deployed workflows(use case)

Position
 External tool coupling
 Visibility
 IsAbstract
 IsLeaf
 Description

STRING
 STRING
 ENUMERATION
 ENUMERATION
 ENUMERATION
 STRING

NODE x:8.5cm y:6.5cm w:4cm h:2cm index:2

public
 no
 no

Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Launch new workflow instance(use case)		
Position	STRING	NODE x:8cm y:10cm w:4cm h:2cm index:3
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Execute Service Tasks(use case)		
Position	STRING	NODE x:16cm y:17.5cm w:4cm h:2cm index:4
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Execute manual tasks(use case)		
Position	STRING	NODE x:10cm y:18cm w:4cm h:2cm index:5
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Execute workflow(use case)		
Position	STRING	NODE x:12.5cm y:13.5cm w:4cm h:2cm index:8
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	

Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
actor-21627(actor)		
Position	STRING	NODE x:2cm y:18cm w:1.2cm h:2.57cm index:12
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Presentation	ENUMERATION	Standard
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Open questions	STRING	
Monitor Environment(use case)		
Position	STRING	NODE x:13.5cm y:9cm w:4cm h:2cm index:15
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Violation of Service Level Objective(use case)		
Position	STRING	NODE x:15.5cm y:4cm w:4cm h:2cm index:17
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	
Analyze violation and rules(use case)		
Position	STRING	NODE x:21.5cm y:4cm w:4cm h:2cm index:18
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	

Trigger	STRING
Incoming data	STRING
Outgoing data	STRING
Results	STRING
Open questions	STRING

Execution adaptation plan(use case)

Position	STRING	NODE x:20.5cm y:10cm w:4cm h:2cm index:19
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	

Visualize the monitoring environment(use case)

Position	STRING	NODE x:9.5cm y:2cm w:5cm h:2cm index:21
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	

actor-29639(actor)

Position	STRING	NODE x:2cm y:2cm index:23
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Presentation	ENUMERATION	Standard
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Open questions	STRING	

Manage workflow intances(use case)

Position	STRING	NODE x:6.5cm y:12.5cm w:4cm h:2cm index:30
External tool coupling	STRING	
Visibility	ENUMERATION	public
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Description	STRING	
Comment	STRING	
Preconditions	STRING	
Postconditions	STRING	
Presentation	ENUMERATION	Standard
Color	STRING	white
Extended properties	ENUMERATIONLIST	
User defined properties	STRING	
Trigger	STRING	
Incoming data	STRING	
Outgoing data	STRING	
Results	STRING	
Open questions	STRING	

Relations

actor-21603->See the list of deployed workflows(association)

Positions	STRING	EDGE 0 index:6
Name	STRING	restricted
Comment	STRING	
Description	STRING	
Start	STRING	
Qualified association	STRING	
End	STRING	
Direction	ENUMERATION	Without
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Reading direction" ctrltype:radio ATTR "Direction" ctrltype:radio ATTR "Not navigable end" ctrltype:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
Docu	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
AnimRep	STRING	
HlpTxt	STRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.
Not navigable end	ENUMERATION	Without
Reading direction	ENUMERATION	Without
User defined property (to)	STRING	
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Visibility	ENUMERATION	public
IsDerived	ENUMERATION	no
From role	STRING	
To role	STRING	
Extended property (to)	ENUMERATIONLIST	
Extended property (from)	ENUMERATIONLIST	
User defined property (from)	STRING	
GraphRep	LONGSTRING	GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE

```

x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE
x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF
((nbn = "Bidirectional") OR (nbn = "Incoming"))
LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-0.1cm
LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm
ENDIF ENDIF IF (start != "") ATTR "Start"
x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ELSE IF
((typ = "composite") OR (typ = "shared")) IF (typ =
"composite") FILL style:solid color:black ELSE
FILL style:solid color:white ENDIF POLYGON 4
x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm
y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm
y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm
x2:0.1cm y2:0cm ENDIF IF ((nbn = "Bidirectional")
OR (nbn = "Incoming")) LINE x1:-.3cm y1:.1cm
x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"\\n",",")) SET
tt:(replall(tt,"r",",")) SET tt:(replall(tt,"{",",")) SET
tt:(replall(tt,"}",",")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + ",")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id =
"yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn =
"Bidirectional") OR (nbn = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"\\n",",")) SET
txt:(replall(txt,"r",",")) SET txt:(replall(txt,"{",",")) SET
txt:(replall(txt,"}",",")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2 +
",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none

```

Aggregation kind ENUMERATION
actor-21603->Launch new workflow intance(association)

Positions	STRING
Name	STRING
Comment	STRING
Description	STRING
Start	STRING
Qualified association	STRING
End	STRING
Direction	ENUMERATION
AttrRep	STRING

EDGE 0 index:7 MIDDLE x:4.44cm y:8.51cm
restricted

Without
NOTEBOOK CHAPTER "Description" ATTR

		<p>"Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Reading direction" ctrltype:radio ATTR "Direction" ctrltype:radio ATTR "Not navigable end" ctrltype:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association" NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"</p>
Docu	STRING	
AnimRep	STRING	
HlpTxt	STRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.
Not navigable end	ENUMERATION	Without
Reading direction	ENUMERATION	Without
User defined property (to)	STRING	
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Visibility	ENUMERATION	public
IsDerived	ENUMERATION	no
From role	STRING	
To role	STRING	
Extended property (to)	ENUMERATIONLIST	
Extended property (from)	ENUMERATIONLIST	
User defined property (from)	STRING	
GraphRep	LONGSTRING	<p>GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-0.1cm LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF (from_role != "") ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF ELSE IF ((typ = "composite") OR (typ = "shared")) IF (typ =</p>


```
"composite") FILL style:solid color:black ELSE
FILL style:solid color:white ENDIF POLYGON 4
x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm
y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm
y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm
x2:0.1cm y2:0cm ENDIF IF ((nbn = "Bidirectional")
OR (nbn = "Incoming")) LINE x1:-.3cm y1:.1cm
x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"\\n", ";")) SET
tt:(replall(tt,"r", "")) SET tt:(replall(tt,"{", "")) SET
tt:(replall(tt,"}", "")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + ";")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id =
"yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
ENDIF IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn =
"Bidirectional") OR (nbn = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"\\n", ";")) SET
txt:(replall(txt,"r", "")) SET txt:(replall(txt,"{", "")) SET
txt:(replall(txt,"}", "")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2 +
";") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none
```

Aggregation kind

ENUMERATION

actor-21603->Visualize the monitoring environment(association)

Positions	STRING
Name	STRING
Comment	STRING
Description	STRING
Start	STRING
Qualified association	STRING
End	STRING
Direction	ENUMERATION
AttrRep	STRING

EDGE 0 index:26 MIDDLE x:4.74cm y:5.49cm
restricted

```
Without
NOTEBOOK CHAPTER "Description" ATTR
"Name" ATTR "Aggregation kind" ATTR
"IsDerived" ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "Visibility" ATTR
"IsAbstract" ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "IsLeaf"
ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "Description" lines:4
ATTR "Comment" lines:4 CHAPTER
"Presentation" ATTR "Reading direction"
ctrltype:radio ATTR "Direction" ctrltype:radio ATTR
"Not navigable end" ctrltype:radio CHAPTER
```

Docu	STRING	<p>"Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"</p> <p>NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"</p>
AnimRep HlpTxt	STRING STRING	<p>An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.</p>
<p>Not navigable end Reading direction User defined property (to) IsAbstract IsLeaf Visibility IsDerived From role To role Extended property (to) Extended property (from) User defined property (from) GraphRep</p>	<p>ENUMERATION ENUMERATION STRING ENUMERATION ENUMERATION ENUMERATION ENUMERATION STRING STRING ENUMERATIONLIST ENUMERATIONLIST STRING LONGSTRING</p>	<p>Without Without</p> <p>no no public no</p> <p>GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-.0.1cm LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF (from_role != "") ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF ELSE IF ((typ = "composite") OR (typ = "shared")) IF (typ = "composite") FILL style:solid color:black ELSE FILL style:solid color:white ENDIF POLYGON 4 x1:0.1cm y1:0cm x2:-.0.1cm y2:-.2cm x3:-0.3cm y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm x2:0.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-.3cm y1:.1cm x2:0.1cm y2:-.0.1cm LINE x1:-.3cm y1:-.1cm x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm</p>

Aggregation kind ENUMERATION
actor-21603->Manage workflow intances(association)
 Positions STRING
 Name STRING
 Comment STRING
 Description STRING
 Start STRING
 Qualified association STRING
 End STRING
 Direction ENUMERATION
 AttrRep STRING

Docu STRING

```

line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"\n",",")) SET
tt:(replall(tt,"\r","")) SET tt:(replall(tt,"{","")) SET
tt:(replall(tt,"}","")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + " ,")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) +}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr
= "Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr
= "Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr
= "Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id
= "yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn =
"Bidirectional") OR (nbn = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"\n",",")) SET
txt:(replall(txt,"\r","")) SET txt:(replall(txt,"{","")) SET
txt:(replall(txt,"}","")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2
+ " ,") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) +}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none
    
```

EDGE 0 index:31 MIDDLE x:4.24cm y:10cm
 restricted

Without
 NOTEBOOK CHAPTER "Description" ATTR
 "Name" ATTR "Aggregation kind" ATTR
 "IsDerived" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Visibility" ATTR
 "IsAbstract" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "IsLeaf"
 ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Description" lines:4
 ATTR "Comment" lines:4 CHAPTER
 "Presentation" ATTR "Reading direction"
 ctrltype:radio ATTR "Direction" ctrltype:radio ATTR
 "Not navigable end" ctrltype:radio CHAPTER
 "Role" GROUP "Role" ATTR "From role" ATTR
 "To role" ENDGROUP GROUP "Multiplicity" ATTR
 "Start" ATTR "End" ENDGROUP CHAPTER
 "Extended" ATTR "Extended property (from)"
 lines:4 ATTR "Extended property (to)" lines:4
 ATTR "User defined property (from)" lines:2 ATTR
 "User defined property (to)" lines:2 ATTR
 "Qualified association"
 NOTEBOOK CHAPTER "Description" ATTR
 "Name" ATTR "Aggregation kind" ATTR
 "IsDerived" ctrltype:check checked-value:"yes"

		<pre> unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDMETHOD CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association" </pre>
AnimRep	STRING	
HlpTxt	STRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.
		Without
		Without
Not navigable end	ENUMERATION	
Reading direction	ENUMERATION	
User defined property (to)	STRING	
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Visibility	ENUMERATION	public
IsDerived	ENUMERATION	no
From role	STRING	
To role	STRING	
Extended property (to)	ENUMERATIONLIST	
Extended property (from)	ENUMERATIONLIST	
User defined property (from)	STRING	
GraphRep	LONGSTRING	<pre> GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-0.1cm LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm ENDIF ENDF IF (start != "") ATTR "Start" x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDF IF (from_role != "") ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDF ELSE IF ((typ = "composite") OR (typ = "shared")) IF (typ = "composite") FILL style:solid color:black ELSE FILL style:solid color:white ENDF POLYGON 4 x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm x2:0.1cm y2:0cm ENDF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-.3cm y1:.1cm x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm x2:0.1cm y2:0.1cm ENDF ENDF IF (start != "") ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm line-break:rigorous ENDF IF (from_role != "") ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDF ENDF SET tt:"" AVAL e1:"Extended property (from)" IF (e1 != "\n") SET tt:(replall(e1,"n",",")) SET tt:(replall(tt,"r",",")) SET tt:(replall(tt,"{","")) SET tt:(replall(tt,"}","")) ENDF AVAL b1:"User defined property (from)" IF (b1 != "") SET tt:(tt + b1 + ",") ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" + copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm w:c:4.0cm h:c:0.1cm line-break:rigorous ENDF </pre>

	<p>MIDDLE FILL style:solid color:black AVAL set-default:"Without" lr:"Reading direction" IF (lr = "Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id = "yes") IF (name != "") ATTR "Name" text:("/" + name) x:0.2cm w:l h:b ENDIF ELSE IF (name != "") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF ELSE IF (id = "yes") IF (name != "") ATTR "Name" text:("/"+name) w:c h:b ENDIF ELSE IF (name != "") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF (to_role != "") ATTR "To role" x:-1.4cm y:.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF ((r = "Bidirectional") OR (r = "Outgoing")) LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn = "Bidirectional") OR (nbn = "Outgoing")) LINE x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET txt:"" AVAL e2:"Extended property (to)" IF (e2 != "\r\n") SET txt:(replall(e2,"\n","")) SET txt:(replall(txt,"r","")) SET txt:(replall(txt,"{","")) SET txt:(replall(txt,"}","")) ENDIF AVAL b2:"User defined property (to)" IF (b2 != "") SET txt:(txt + b2 + ",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT ("{ " + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF none</p>	
<p>Aggregation kind</p>	<p>ENUMERATION</p>	
<p>Launch new workflow intance->Execute workflow(association)</p>		<p>EDGE 0 index:9</p>
<p>Positions Name Comment Description Start Qualified association End Direction AttrRep</p>	<p>STRING STRING STRING STRING STRING STRING ENUMERATION STRING</p>	
<p>Docu</p>	<p>STRING</p>	<p>Without NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Reading direction" ctrltype:radio ATTR "Direction" ctrltype:radio ATTR "Not navigable end" ctrltype:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association" NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User</p>

AnimRep HlpTxt	STRING STRING	defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
Not navigable end Reading direction User defined property (to) IsAbstract IsLeaf Visibility IsDerived From role To role Extended property (to) Extended property (from) User defined property (from) GraphRep	ENUMERATION ENUMERATION STRING ENUMERATION ENUMERATION ENUMERATION ENUMERATION STRING STRING ENUMERATIONLIST ENUMERATIONLIST STRING LONGSTRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link. Without Without no no public no
		<p>GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-.01cm LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF (from_role != "") ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF ELSE IF ((typ = "composite") OR (typ = "shared")) IF (typ = "composite") FILL style:solid color:black ELSE FILL style:solid color:white ENDIF POLYGON 4 x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm x2:0.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-.3cm y1:.1cm x2:0.1cm y2:-.01cm LINE x1:-.3cm y1:-.1cm x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF (from_role != "") ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF ENDIF SET tt:"" AVAL e1:"Extended property (from)" IF (e1 != "\n\n") SET tt:(replall(e1,"n","")) SET tt:(replall(tt,"r","")) SET tt:(replall(tt,"{","")) SET tt:(replall(tt,"}","")) ENDIF AVAL b1:"User defined property (from)" IF (b1 != "") SET tt:(tt + b1 + ",") ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" + copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF MIDDLE FILL style:solid color:black AVAL set-default:"Without" lr:"Reading direction" IF (lr = "Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr = "Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (iD</p>

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= "yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nrb =
"Bidirectional") OR (nrb = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:" AVAL e2:"Extended property (to) IF (e2 !=
"\r\n") SET txt:(replall(e2,"\n"," ")) SET
txt:(replall(txt,"\r"," ")) SET txt:(replall(txt,"{"," ")) SET
txt:(replall(txt,"}"," ")) ENDIF AVAL b2:"User
defined property (to) IF (b2 != "") SET txt:(txt + b2
+ ",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{ " + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none

```

Aggregation kind ENUMERATION
Execute Service Tasks->Execute workflow(include)

Positions STRING
GraphRep STRING

```

EDGE 0 index:10
GRAPHREP SHADOW mode:off PEN w:0.02cm
style:dot EDGE MIDDLE AVAL set-default:"klein"
s:"State" IF (s = "klein") FONT h:8.0pt TEXT
"include" x:0.00cm y:0.00cm w:c:2.00cm h:t ELSE
TEXT "«include»" x:0.10cm y:0.00cm w:l:2.00cm
h:t ENDIF END FILL color:black POLYLINE 3
x1:-.33cm y1:-.11cm x2:0.0cm y2:0.0cm x3:-.33cm
y3:0.11cm
NOTEBOOK CHAPTER "Description" ATTR
"Name" ATTR "Description" lines:5 ATTR
"Comment" lines:5

```

AttrRep STRING

State STRING
Name STRING
Comment STRING
Description STRING

Execute manual tasks->Execute workflow(include)

Positions STRING
GraphRep STRING

```

EDGE 0 index:11
GRAPHREP SHADOW mode:off PEN w:0.02cm
style:dot EDGE MIDDLE AVAL set-default:"klein"
s:"State" IF (s = "klein") FONT h:8.0pt TEXT
"include" x:0.00cm y:0.00cm w:c:2.00cm h:t ELSE
TEXT "«include»" x:0.10cm y:0.00cm w:l:2.00cm
h:t ENDIF END FILL color:black POLYLINE 3
x1:-.33cm y1:-.11cm x2:0.0cm y2:0.0cm x3:-.33cm
y3:0.11cm
NOTEBOOK CHAPTER "Description" ATTR
"Name" ATTR "Description" lines:5 ATTR
"Comment" lines:5

```

AttrRep STRING

State STRING
Name STRING
Comment STRING
Description STRING

actor-21627->Execute manual tasks(association)

Positions STRING
Name STRING
Comment STRING
Description STRING
Start STRING
Qualified association STRING
End STRING
Direction ENUMERATION
AttrRep STRING

```

EDGE 0 index:13

Without
NOTEBOOK CHAPTER "Description" ATTR
"Name" ATTR "Aggregation kind" ATTR
"IsDerived" ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "Visibility" ATTR
"IsAbstract" ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "IsLeaf"
ctrltype:check checked-value:"yes"
unchecked-value:"no" ATTR "Description" lines:4
ATTR "Comment" lines:4 CHAPTER

```

Docu	STRING	<p>"Presentation" ATTR "Reading direction" ctrltpe:radio ATTR "Direction" ctrltpe:radio ATTR "Not navigable end" ctrltpe:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association" NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltpe:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltpe:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltpe:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"</p>
AnimRep HlpTxt	STRING STRING	<p>An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.</p>
<p>Not navigable end Reading direction User defined property (to) IsAbstract IsLeaf Visibility IsDerived From role To role Extended property (to) Extended property (from) User defined property (from) GraphRep</p>	<p>ENUMERATION ENUMERATION STRING ENUMERATION ENUMERATION ENUMERATION ENUMERATION STRING STRING ENUMERATIONLIST ENUMERATIONLIST STRING LONGSTRING</p>	<p>Without Without</p> <p>no no public no</p> <p>GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-0.1cm LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm ENDIF ENDIF IF (start != "") ATTR "Start" x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF (from_role != "") ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF ELSE IF ((typ = "composite") OR (typ = "shared")) IF (typ = "composite") FILL style:solid color:black ELSE FILL style:solid color:white ENDIF POLYGON 4 x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm x2:0.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-.3cm y1:.1cm</p>


```

x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"n",",")) SET
tt:(replall(tt,"r","")) SET tt:(replall(tt,"{","")) SET
tt:(replall(tt,"}","")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + ",")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id =
"yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nnb =
"Bidirectional") OR (nnb = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"n",",")) SET
txt:(replall(txt,"r","")) SET txt:(replall(txt,"{","")) SET
txt:(replall(txt,"}","")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2
+ ",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none

```

Aggregation kind ENUMERATION

actor-21627->actor-21603(dependency)

```

Positions STRING
Comment STRING
Description STRING
Start STRING
End STRING
Direction ENUMERATION
AttrRep STRING

```

EDGE 0 index:14

GraphRep STRING

```

Outgoing
NOTEBOOK CHAPTER "Description" ATTR
"Name" ATTR "Dependency name" ATTR
"Visibility" GROUP "Cardinality" ATTR "Start"
ATTR "End" ENDGROUP ATTR "Description"
lines:4 ATTR "Comment" lines:4 CHAPTER
"Presentation" ATTR "Direction" ctrltype:radio
GRAPHREP SHADOW mode:off PEN w:0.02cm
style:dot EDGE AVAL start:"Start" AVAL
end:"End" START PEN style:normal IF (start != "")
ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL
set-default:"Outgoing" r:"Direction" IF (r =
"Bidirectional") LINE x1:-.3cm y1:.1cm x2:0cm
y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm
ENDIF AVAL depname:"Dependency name"
MIDDLE IF (depname != "") ATTR "Dependency
name" text:("«" + depname + "»") x:0.1cm
w:l:2.0cm h:b ENDIF END IF (end != "") ATTR
"End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm
NOTEBOOK CHAPTER "Description" ATTR
"Dependency name" ATTR "Visibility" GROUP

```

Docu STRING

		"Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio
AnimRep HlpTxt	STRING STRING	A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).
Visibility Dependency name Name	ENUMERATION STRING STRING	public belong xxx1
Monitor Environment->Execute workflow(dependency)		
Positions Comment Description Start End Direction AttrRep	STRING STRING STRING STRING STRING ENUMERATION STRING	EDGE 0 index:16
GraphRep	STRING	Outgoing NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDMETHOD ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE AVAL start:"Start" AVAL end:"End" START PEN style:normal IF (start != "") ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL set-default:"Outgoing" r:"Direction" IF (r = "Bidirectional") LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF AVAL depname:"Dependency name" MIDDLE IF (depname != "") ATTR "Dependency name" text:("«" + depname + "»") x:0.1cm w:l:2.0cm h:b ENDIF END IF (end != "") ATTR "End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm
Docu	STRING	NOTEBOOK CHAPTER "Description" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio
AnimRep HlpTxt	STRING STRING	A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).
Visibility Dependency name Name	ENUMERATION STRING STRING	public monitor
Violation of Service Level Objective->Analyze violation and rules(dependency)		
Positions Comment Description Start End Direction AttrRep	STRING STRING STRING STRING STRING ENUMERATION STRING	EDGE 0 index:27 MIDDLE x:17.99cm y:4cm
GraphRep	STRING	Outgoing NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDMETHOD ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE AVAL start:"Start" AVAL end:"End" START PEN style:normal IF (start != "") ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL set-default:"Outgoing" r:"Direction" IF (r = "Bidirectional") LINE x1:-.3cm y1:.1cm x2:0cm

		y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF AVAL depname:"Dependency name" MIDDLE IF (depname != "") ATTR "Dependency name" text:("«" + depname + "»") x:0.1cm w:l:2.0cm h:b ENDIF END IF (end != "") ATTR "End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm NOTEBOOK CHAPTER "Description" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio
Docu	STRING	
AnimRep HlpTxt	STRING STRING	A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).
Visibility	ENUMERATION	public
Dependency name	STRING	warn
Name	STRING	warn

Violation of Service Level Objective->Monitor Environment(dependency)

Positions	STRING	EDGE 0 index:28
Comment	STRING	
Description	STRING	
Start	STRING	
End	STRING	
Direction	ENUMERATION	Outgoing
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio

GraphRep	STRING	GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE AVAL start:"Start" AVAL end:"End" START PEN style:normal IF (start != "") ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL set-default:"Outgoing" r:"Direction" IF (r = "Bidirectional") LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF AVAL depname:"Dependency name" MIDDLE IF (depname != "") ATTR "Dependency name" text:("«" + depname + "»") x:0.1cm w:l:2.0cm h:b ENDIF END IF (end != "") ATTR "End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm NOTEBOOK CHAPTER "Description" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio
Docu	STRING	
AnimRep HlpTxt	STRING STRING	A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).
Visibility	ENUMERATION	public
Dependency name	STRING	analyze
Name	STRING	analyze

Analyze violation and rules->Execution adaptation plan(dependency)

Positions	STRING	EDGE 0 index:29
Comment	STRING	
Description	STRING	
Start	STRING	
End	STRING	
Direction	ENUMERATION	Outgoing
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Dependency name" ATTR

GraphRep	STRING	<p>"Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE AVAL start:"Start" AVAL end:"End" START PEN style:normal IF (start != "") ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL set-default:"Outgoing" r:"Direction" IF (r = "Bidirectional") LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF AVAL depname:"Dependency name" MIDDLE IF (depname != "") ATTR "Dependency name" text:(«" + depname + »") x:0.1cm w:l:2.0cm h:b ENDIF END IF (end != "") ATTR "End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm</p>
Docu	STRING	<p>NOTEBOOK CHAPTER "Description" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio</p>
AnimRep HlpTxt	STRING STRING	<p>A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).</p> <p>public execute execute</p>
Visibility Dependency name Name	ENUMERATION STRING STRING	
<p>Execution adaptation plan->Execute workflow(dependency)</p>		
Positions Comment Description Start End Direction AttrRep	STRING STRING STRING STRING STRING ENUMERATION STRING	EDGE 0 index:20
GraphRep	STRING	<p>Outgoing NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE AVAL start:"Start" AVAL end:"End" START PEN style:normal IF (start != "") ATTR "Start" x:-.3cm y:.3cm w:c h:c ENDIF AVAL set-default:"Outgoing" r:"Direction" IF (r = "Bidirectional") LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm ENDIF AVAL depname:"Dependency name" MIDDLE IF (depname != "") ATTR "Dependency name" text:(«" + depname + »") x:0.1cm w:l:2.0cm h:b ENDIF END IF (end != "") ATTR "End" x:-.3cm y:-.3cm w:c h:c ENDIF LINE x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm y1:-.1cm x2:0cm y2:0cm</p>
Docu	STRING	<p>NOTEBOOK CHAPTER "Description" ATTR "Dependency name" ATTR "Visibility" GROUP "Cardinality" ATTR "Start" ATTR "End" ENDGROUP ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Direction" ctrltype:radio</p>
AnimRep HlpTxt	STRING STRING	<p>A dependency is a relationship that signifies that a single or a set of model elements requires other model elements for their specification or implementation. This means that the complete semantics of the depending elements is either semantically or structurally dependent on the definition of the supplier element(s).</p> <p>public change</p>
Visibility Dependency name Name	ENUMERATION STRING STRING	

Visualize the monitoring environment->Monitor Environment(include)

Positions	STRING	EDGE 0 index:22
GraphRep	STRING	GRAPHREP SHADOW mode:off PEN w:0.02cm style:dot EDGE MIDDLE AVAL set-default:"klein" s:"State" IF (s = "klein") FONT h:8.0pt TEXT "include" x:0.00cm y:0.00cm w:c:2.00cm h:t ELSE TEXT "«include»" x:0.10cm y:0.00cm w:l:2.00cm h:t ENDIF END FILL color:black POLYLINE 3 x1:-.33cm y1:-.11cm x2:0.0cm y2:0.0cm x3:-.33cm y3:0.11cm
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Description" lines:5 ATTR "Comment" lines:5
State	STRING	
Name	STRING	
Comment	STRING	
Description	STRING	

actor-29639->Visualize the monitoring environment(association)

Positions	STRING	EDGE 0 index:24
Name	STRING	full access
Comment	STRING	
Description	STRING	
Start	STRING	
Qualified association	STRING	
End	STRING	
Direction	ENUMERATION	Without
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Reading direction" ctrltype:radio ATTR "Direction" ctrltype:radio ATTR "Not navigable end" ctrltype:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
Docu	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
AnimRep	STRING	
HlpTxt	STRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.
Not navigable end	ENUMERATION	Without
Reading direction	ENUMERATION	Without
User defined property (to)	STRING	
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Visibility	ENUMERATION	public
IsDerived	ENUMERATION	no
From role	STRING	
To role	STRING	
Extended property (to)	ENUMERATIONLIST	
Extended property (from)	ENUMERATIONLIST	

User defined property (from)
GraphRep

STRING
LONGSTRING

```

GRAPHREP AVAL set-default:"Without"
r:"Direction" AVAL set-default:"Without" nnb:"Not
navigable end" AVAL iD:"IsDerived" AVAL
name:"Name" AVAL start:"Start" AVAL
from_role:"From role" AVAL end:"End" AVAL
to_role:"To role" SHADOW mode:off PEN
w:0.02cm EDGE START PEN style:normal AVAL
typ:"Aggregation kind" AVAL q:"Qualified
association" FONT h:10pt IF (LEN(q) > 0) FILL
style:solid color:white RECTANGLE y:-0.5cm
x:-1.2cm w:1.5cm h:1cm ATTR "Qualified
association" x:-.4cm h:c w:c IF ((typ = "shared")
OR (typ = "composite")) IF (typ = "composite")
FILL style:solid color:black ENDIF POLYGON 4
x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm
y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE
x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE
x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF
((nnb = "Bidirectional") OR (nnb = "Incoming"))
LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-.0.1cm
LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm
ENDIF ENDIF IF (start != "") ATTR "Start"
x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ELSE IF
((typ = "composite") OR (typ = "shared")) IF (typ =
"composite") FILL style:solid color:black ELSE
FILL style:solid color:white ENDIF POLYGON 4
x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm
y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm
y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm
x2:0.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional")
OR (nnb = "Incoming")) LINE x1:-.3cm y1:.1cm
x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"n",",")) SET
tt:(replall(tt,"r",",")) SET tt:(replall(tt,"{",",")) SET
tt:(replall(tt,"}",",")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + ",")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (iD
= "yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (iD = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nnb =
"Bidirectional") OR (nnb = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"n",",")) SET

```

Aggregation kind ENUMERATION
actor-29639->See the list of deployed workflows(association)

Positions STRING
 Name STRING
 Comment STRING
 Description STRING
 Start STRING
 Qualified association STRING
 End STRING
 Direction ENUMERATION
 AttrRep STRING

```
txt:(replall(txt,"r","")) SET txt:(replall(txt,"{","")) SET
txt:(replall(txt,"}","")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2
+ ",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{ " + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none
```

EDGE 0 index:25
 full access

Docu STRING

Without
 NOTEBOOK CHAPTER "Description" ATTR
 "Name" ATTR "Aggregation kind" ATTR
 "IsDerived" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Visibility" ATTR
 "IsAbstract" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "IsLeaf"
 ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Description" lines:4
 ATTR "Comment" lines:4 CHAPTER
 "Presentation" ATTR "Reading direction"
 ctrltype:radio ATTR "Direction" ctrltype:radio ATTR
 "Not navigable end" ctrltype:radio CHAPTER
 "Role" GROUP "Role" ATTR "From role" ATTR
 "To role" ENDGROUP GROUP "Multiplicity" ATTR
 "Start" ATTR "End" ENDGROUP CHAPTER
 "Extended" ATTR "Extended property (from)"
 lines:4 ATTR "Extended property (to)" lines:4
 ATTR "User defined property (from)" lines:2 ATTR
 "User defined property (to)" lines:2 ATTR
 "Qualified association"
 NOTEBOOK CHAPTER "Description" ATTR
 "Name" ATTR "Aggregation kind" ATTR
 "IsDerived" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Visibility" ATTR
 "IsAbstract" ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "IsLeaf"
 ctrltype:check checked-value:"yes"
 unchecked-value:"no" ATTR "Description" lines:4
 ATTR "Comment" lines:4 CHAPTER "Role"
 GROUP "Role" ATTR "From role" ATTR "To role"
 ENDGROUP GROUP "Multiplicity" ATTR "Start"
 ATTR "End" ENDGROUP CHAPTER "Extended"
 ATTR "Extended property (from)" lines:4 ATTR
 "Extended property (to)" lines:4 ATTR "User
 defined property (from)" lines:2 ATTR "User
 defined property (to)" lines:2 ATTR "Qualified
 association"

AnimRep STRING
 HlpTxt STRING

An association describes a set of tuples whose
 values refers to typed instances. An instance of an
 association is called a link.

Not navigable end ENUMERATION
 Reading direction ENUMERATION
 User defined property (to) STRING
 IsAbstract ENUMERATION
 IsLeaf ENUMERATION
 Visibility ENUMERATION
 IsDerived ENUMERATION
 From role STRING
 To role STRING
 Extended property (to) ENUMERATIONLIST
 Extended property (from) ENUMERATIONLIST
 User defined property (from) STRING
 GraphRep LONGSTRING

Without
 Without

no
 no
 public
 no

```
GRAPHREP AVAL set-default:"Without"
r:"Direction" AVAL set-default:"Without" nnb:"Not
navigable end" AVAL iD:"IsDerived" AVAL
name:"Name" AVAL start:"Start" AVAL
from_role:"From role" AVAL end:"End" AVAL
to_role:"To role" SHADOW mode:off PEN
w:0.02cm EDGE START PEN style:normal AVAL
typ:"Aggregation kind" AVAL q:"Qualified
association" FONT h:10pt IF (LEN(q) > 0) FILL
style:solid color:white RECTANGLE y:-0.5cm
```

```

x:-1.2cm w:1.5cm h:1cm ATTR "Qualified
association" x:-.4cm h:c w:c IF ((typ = "shared")
OR (typ = "composite")) IF (typ = "composite")
FILL style:solid color:black ENDIF POLYGON 4
x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm
y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE
x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE
x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF
((nbn = "Bidirectional") OR (nbn = "Incoming"))
LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-0.1cm
LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm
ENDIF ENDIF IF (start != "") ATTR "Start"
x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ELSE IF
((typ = "composite") OR (typ = "shared")) IF (typ =
"composite") FILL style:solid color:black ELSE
FILL style:solid color:white ENDIF POLYGON 4
x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm
y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm
y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm
x2:0.1cm y2:0cm ENDIF IF ((nbn = "Bidirectional")
OR (nbn = "Incoming")) LINE x1:-.3cm y1:.1cm
x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"\n","")) SET
tt:(replall(tt,"\r","")) SET tt:(replall(tt,"{","")) SET
tt:(replall(tt,"}","")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + "," )
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + "}") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id
= "yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/"+name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn =
"Bidirectional") OR (nbn = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"\n","")) SET
txt:(replall(txt,"\r","")) SET txt:(replall(txt,"{","")) SET
txt:(replall(txt,"}","")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2
+ "," ) ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) + "}") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none

```

Aggregation kind

ENUMERATION

Manage workflow intances->Execute workflow(association)

Positions

STRING

Name

STRING

EDGE 0 index:32

Comment	STRING	
Description	STRING	
Start	STRING	
Qualified association	STRING	
End	STRING	
Direction	ENUMERATION	Without
AttrRep	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Presentation" ATTR "Reading direction" ctrltype:radio ATTR "Direction" ctrltype:radio ATTR "Not navigable end" ctrltype:radio CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
Docu	STRING	NOTEBOOK CHAPTER "Description" ATTR "Name" ATTR "Aggregation kind" ATTR "IsDerived" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Visibility" ATTR "IsAbstract" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "IsLeaf" ctrltype:check checked-value:"yes" unchecked-value:"no" ATTR "Description" lines:4 ATTR "Comment" lines:4 CHAPTER "Role" GROUP "Role" ATTR "From role" ATTR "To role" ENDGROUP GROUP "Multiplicity" ATTR "Start" ATTR "End" ENDGROUP CHAPTER "Extended" ATTR "Extended property (from)" lines:4 ATTR "Extended property (to)" lines:4 ATTR "User defined property (from)" lines:2 ATTR "User defined property (to)" lines:2 ATTR "Qualified association"
AnimRep	STRING	
HlpTxt	STRING	An association describes a set of tuples whose values refers to typed instances. An instance of an association is called a link.
Not navigable end	ENUMERATION	Without
Reading direction	ENUMERATION	Without
User defined property (to)	STRING	
IsAbstract	ENUMERATION	no
IsLeaf	ENUMERATION	no
Visibility	ENUMERATION	public
IsDerived	ENUMERATION	no
From role	STRING	
To role	STRING	
Extended property (to)	ENUMERATIONLIST	
Extended property (from)	ENUMERATIONLIST	
User defined property (from)	STRING	
GraphRep	LONGSTRING	GRAPHREP AVAL set-default:"Without" r:"Direction" AVAL set-default:"Without" nnb:"Not navigable end" AVAL iD:"IsDerived" AVAL name:"Name" AVAL start:"Start" AVAL from_role:"From role" AVAL end:"End" AVAL to_role:"To role" SHADOW mode:off PEN w:0.02cm EDGE START PEN style:normal AVAL typ:"Aggregation kind" AVAL q:"Qualified association" FONT h:10pt IF (LEN(q) > 0) FILL style:solid color:white RECTANGLE y:-0.5cm x:-1.2cm w:1.5cm h:1cm ATTR "Qualified association" x:-.4cm h:c w:c IF ((typ = "shared") OR (typ = "composite")) IF (typ = "composite") FILL style:solid color:black ENDIF POLYGON 4 x1:-1.2cm y1:0cm x2:-1.4cm y2:-.2cm x3:-1.62cm y3:0cm x4:-1.4cm y4:.2cm ELSE IF ((r = "Bidirectional") OR (r = "Incoming")) LINE x1:-1.4cm y1:.1cm x2:-1.1cm y2:0cm LINE x1:-1.4cm y1:-.1cm x2:-1.1cm y2:0cm ENDIF IF ((nnb = "Bidirectional") OR (nnb = "Incoming")) LINE x1:-1.6cm y1:.1cm x2:-1.3cm y2:-.01cm

```

LINE x1:-1.6cm y1:-.1cm x2:-1.3cm y2:0.1cm
ENDIF ENDIF IF (start != "") ATTR "Start"
x:-2.2cm y:.5cm w:c:3.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-2.6cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ELSE IF
((typ = "composite") OR (typ = "shared")) IF (typ =
"composite") FILL style:solid color:black ELSE
FILL style:solid color:white ENDIF POLYGON 4
x1:0.1cm y1:0cm x2:-0.1cm y2:-.2cm x3:-0.3cm
y3:0cm x4:-0.1cm y4:.2cm ELSE IF ((r =
"Bidirectional") OR (r = "Incoming")) LINE x1:-.2cm
y1:.1cm x2:0.1cm y2:0cm LINE x1:-.2cm y1:-.1cm
x2:0.1cm y2:0cm ENDIF IF ((nbn = "Bidirectional")
OR (nbn = "Incoming")) LINE x1:-.3cm y1:.1cm
x2:0.1cm y2:-0.1cm LINE x1:-.3cm y1:-.1cm
x2:0.1cm y2:0.1cm ENDIF ENDIF IF (start != "")
ATTR "Start" x:-1.0cm y:.5cm w:c:2.0cm h:c:0.1cm
line-break:rigorous ENDIF IF (from_role != "")
ATTR "From role" x:-1.4cm y:-.3cm w:c:3.0cm
h:c:0.1cm line-break:rigorous ENDIF ENDIF SET
tt:"" AVAL e1:"Extended property (from)" IF (e1 !=
"\r\n") SET tt:(replall(e1,"\\n","")) SET
tt:(replall(tt,"r","")) SET tt:(replall(tt,"{","")) SET
tt:(replall(tt,"}","")) ENDIF AVAL b1:"User defined
property (from)" IF (b1 != "") SET tt:(tt + b1 + ",")
ENDIF IF ((tt != "") AND (tt != ",")) TEXT ("{" +
copy(tt,0,LEN tt-1) + ",") y:-0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
MIDDLE FILL style:solid color:black AVAL
set-default:"Without" lr:"Reading direction" IF (lr =
"Left to Right") POLYGON 3 x1:0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Right to Left") POLYGON 3 x1:-0.3cm y1:-.5cm
x2:0.0cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Top Down") POLYGON 3 x1:-0.1cm y1:-.6cm
x2:0.1cm y2:-.6cm x3:0.0cm y3:-.4cm ENDIF IF (lr =
"Bottom Up") POLYGON 3 x1:-0.1cm y1:-.4cm
x2:0.1cm y2:-.4cm x3:0.0cm y3:-.6cm ENDIF FILL
IF ((lr = "Top Down") OR (lr = "Bottom Up")) IF (id
= "yes") IF (name != "") ATTR "Name" text:("/" +
name) x:0.2cm w:l h:b ENDIF ELSE IF (name !=
"") ATTR "Name" x:0.2cm w:l h:b ENDIF ENDIF
ELSE IF (id = "yes") IF (name != "") ATTR "Name"
text:("/" + name) w:c h:b ENDIF ELSE IF (name !=
"") ATTR "Name" w:c h:b ENDIF ENDIF ENDIF
END IF (end != "") ATTR "End" x:-1.0cm y:-.5cm
w:c:2.0cm h:c:0.1cm line-break:rigorous ENDIF IF
(to_role != "") ATTR "To role" x:-1.4cm y:.3cm
w:c:3.0cm h:c:0.1cm line-break:rigorous ENDIF IF
((r = "Bidirectional") OR (r = "Outgoing")) LINE
x1:-.3cm y1:.1cm x2:0cm y2:0cm LINE x1:-.3cm
y1:-.1cm x2:0cm y2:0cm ENDIF IF ((nbn =
"Bidirectional") OR (nbn = "Outgoing")) LINE
x1:-.4cm y1:.1cm x2:0.0cm y2:-0.1cm LINE
x1:-.4cm y1:-.1cm x2:0.0cm y2:0.1cm ENDIF SET
txt:"" AVAL e2:"Extended property (to)" IF (e2 !=
"\r\n") SET txt:(replall(e2,"\\n","")) SET
txt:(replall(txt,"r","")) SET txt:(replall(txt,"{","")) SET
txt:(replall(txt,"}","")) ENDIF AVAL b2:"User
defined property (to)" IF (b2 != "") SET txt:(txt + b2
+ ",") ENDIF IF ((txt != "") AND (txt != ",")) TEXT
("{" + copy(txt,0,LEN txt-1) + ",") y:0.7cm x:-1.8cm
w:c:4.0cm h:c:0.1cm line-break:rigorous ENDIF
none

```

Aggregation kind

ENUMERATION