

aspect Workflow depends on Map, Executable

structural view

Map instantiation
IKey → String
IValue → IVariable
IData → IContext

Executable instantiation
IExecutable → IActivity
IContext → IContext

IContext

+ IVariable getVariable(String name)
+ putVariable(IVariable v, String name)

IActivity
IContext
IVariable

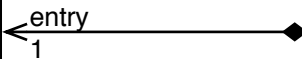
IActivity

+ execute(IContext c)
+ reset()
+ waitForTermination()
+ boolean getOutcome()

IVariable

Workflow

+ Workflow create(IActivity entry)
+ IActivity getEntry()



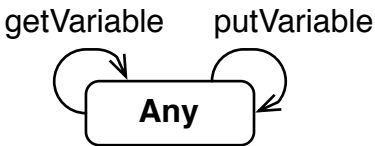
state view IActivity is IExecutable.IExecutable

state view IContext

Advice

Pointcut

Any



Binding
Any → *

message view getVariable is Map.getValue

message view putVariable(v,name) is Map.add(name,v)

message view reset is IExecutable.reset

message view waitForTermination is IExecutable.waitForTermination

message view getOutcome is IExecutable.getOutcome