```
fsmExpression
      · toEvaluate
     + fsmExpression()
     + getWhatToEvaluate()
     + atom4Expression()
     + isNegation()
                 whatlamWaitingfor
           fsmMachine
  # shalliResume
  #wb
  - size

    theStates

  - theory_content
  - theory_name
  - mutex
  - forWaitNotify
  - wantProof
  - whatlamWaitingfor
  - callBackValue

    activity_context

    init context

  + fsmMachine()
  + ~fsmMachine()
  + run()
  + getWhiteboard()
  + getMutex()
  + getActivityContext()
  # setUp()
  # execute()
  - exists_already()
  - find()

    postAllMessagesForStage()

  load theory()

    subscribeToAllOutputs()

  - doProof()
  - My_Callback()
         fsmSubMachine
- iAmRunning
- firstTime
- forNotify
+ fsmSubMachine()
+ ~fsmSubMachine()
+ run()
+ startDormant()
- onWhiteboardMessageStop()

    onWhiteboardMessageResume()

- setUp()

    executeNsleep()

dormant()
```