Diagrams in Model: Project

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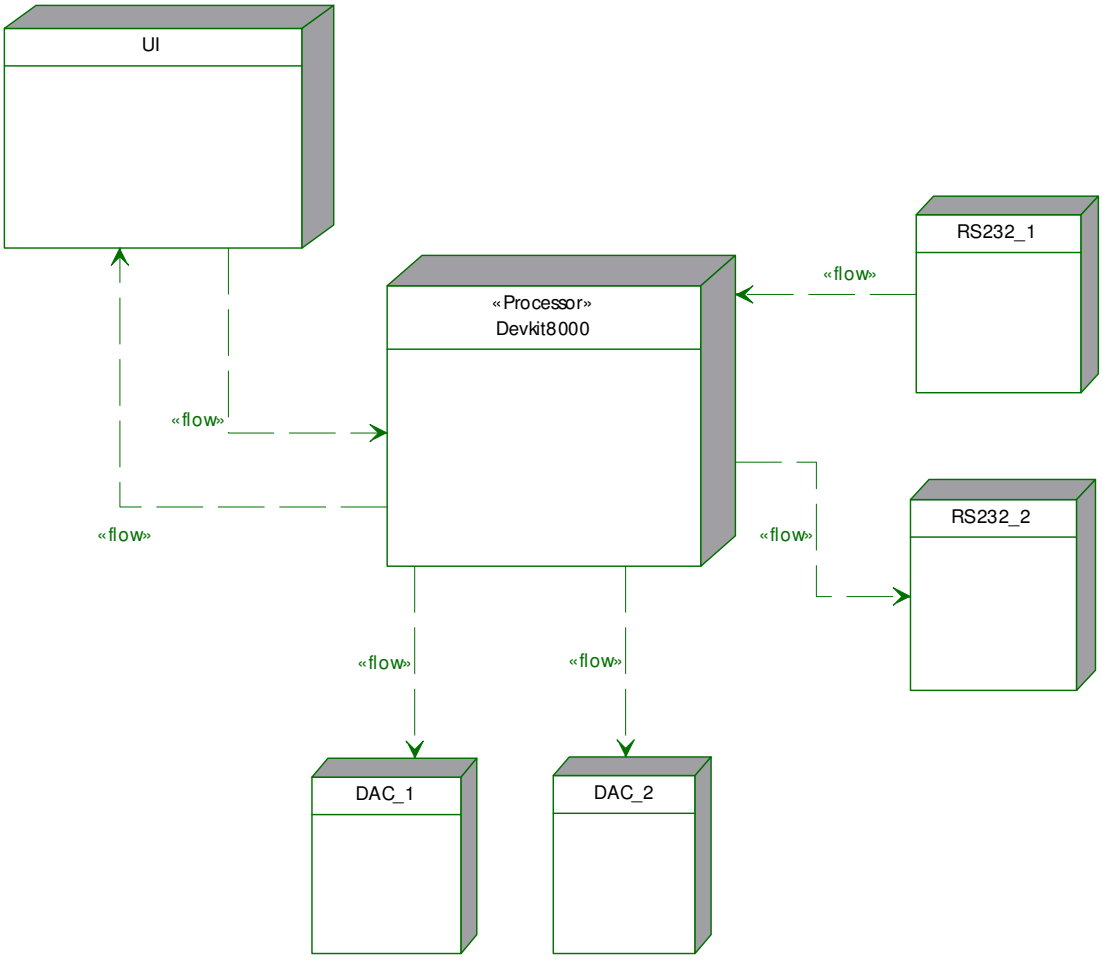
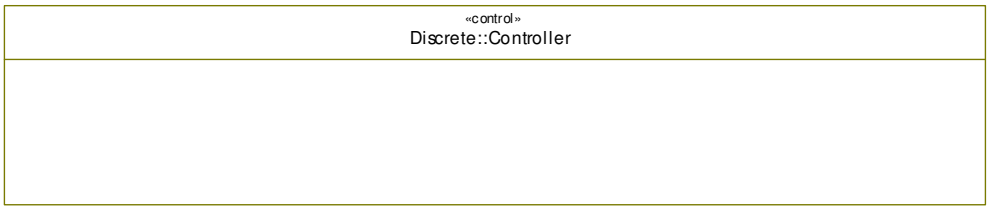
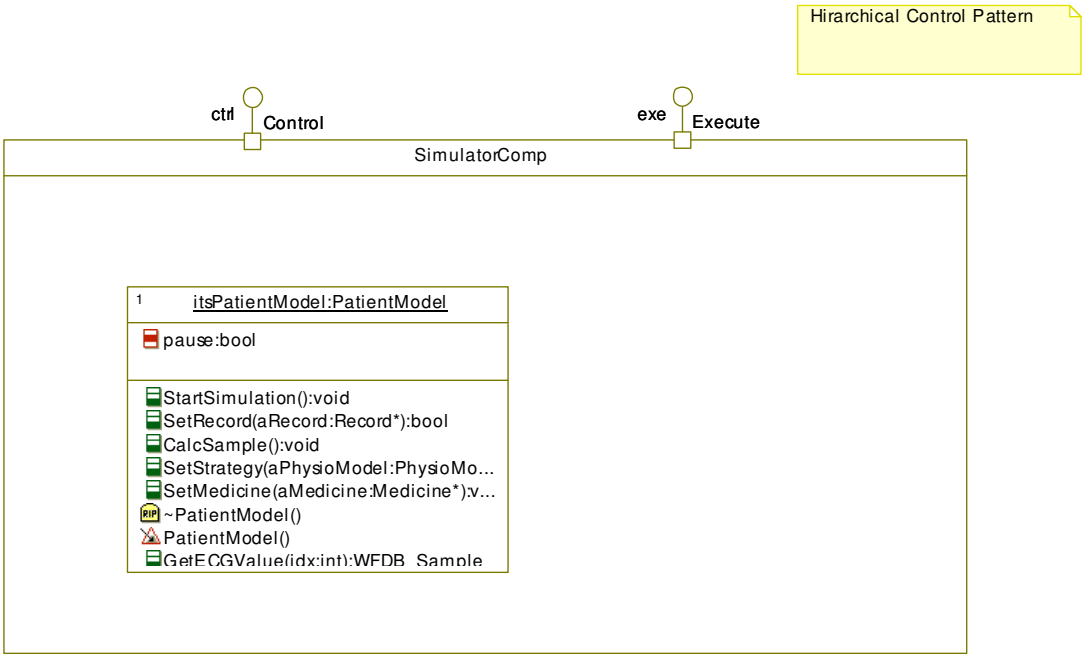
1. DeploymentDiagram name: PSIMU

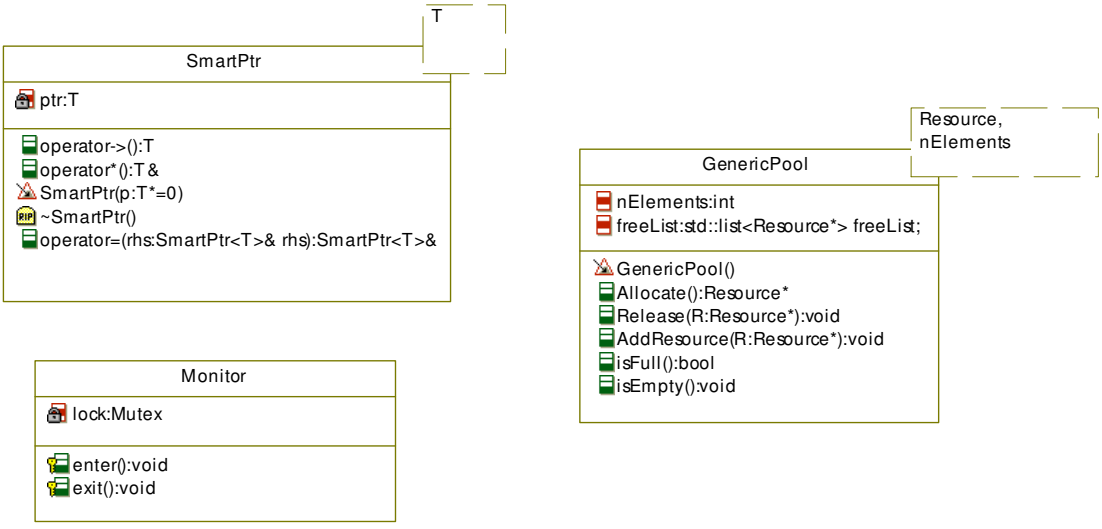


2. ObjectModelDiagram name: SubSystemsView

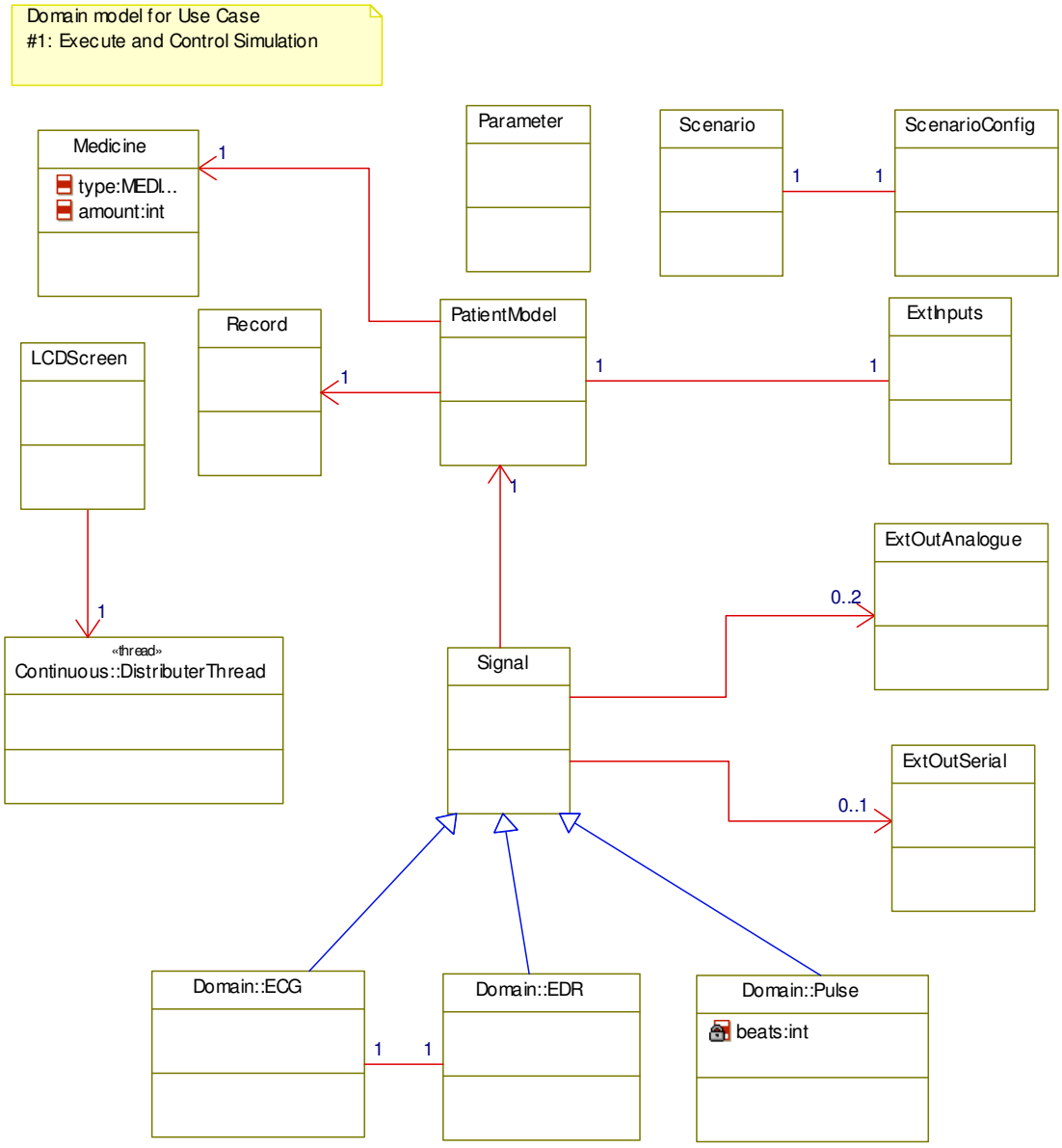




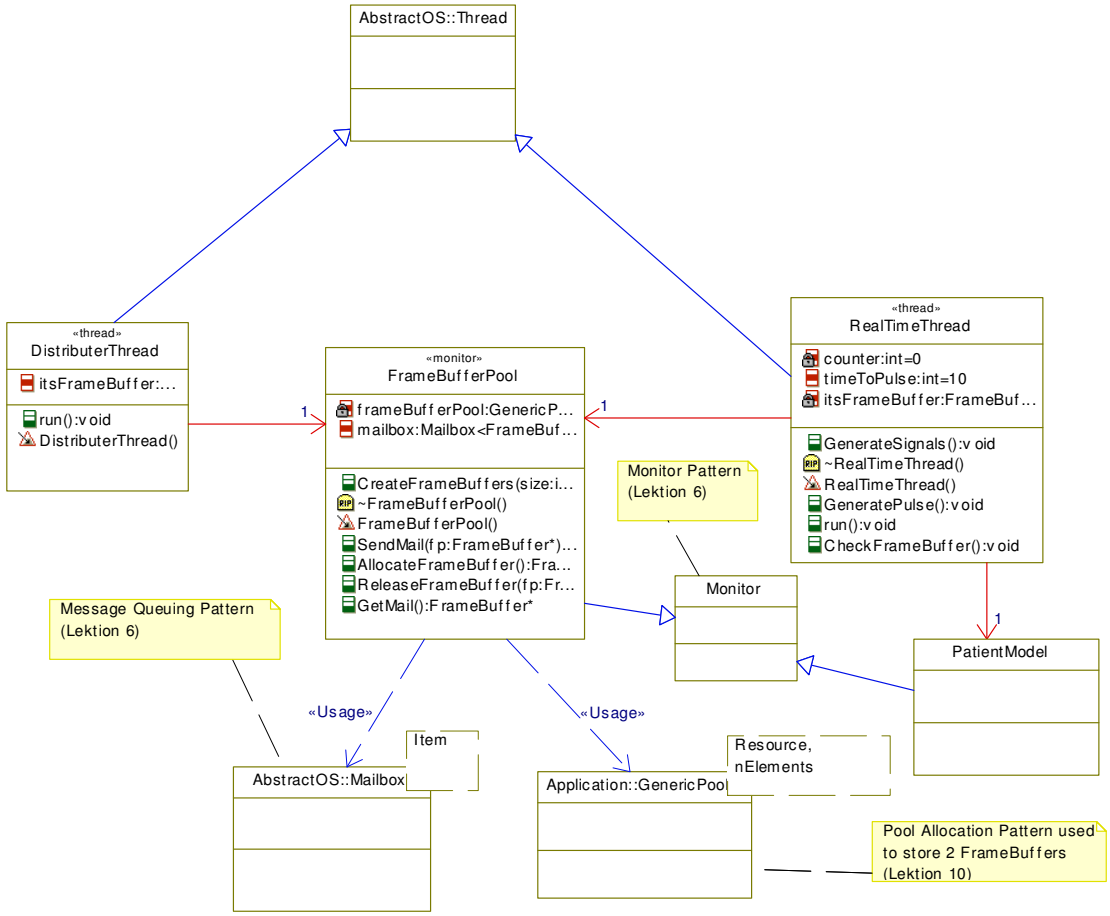
3. ObjectModelDiagram name: HelperClasses



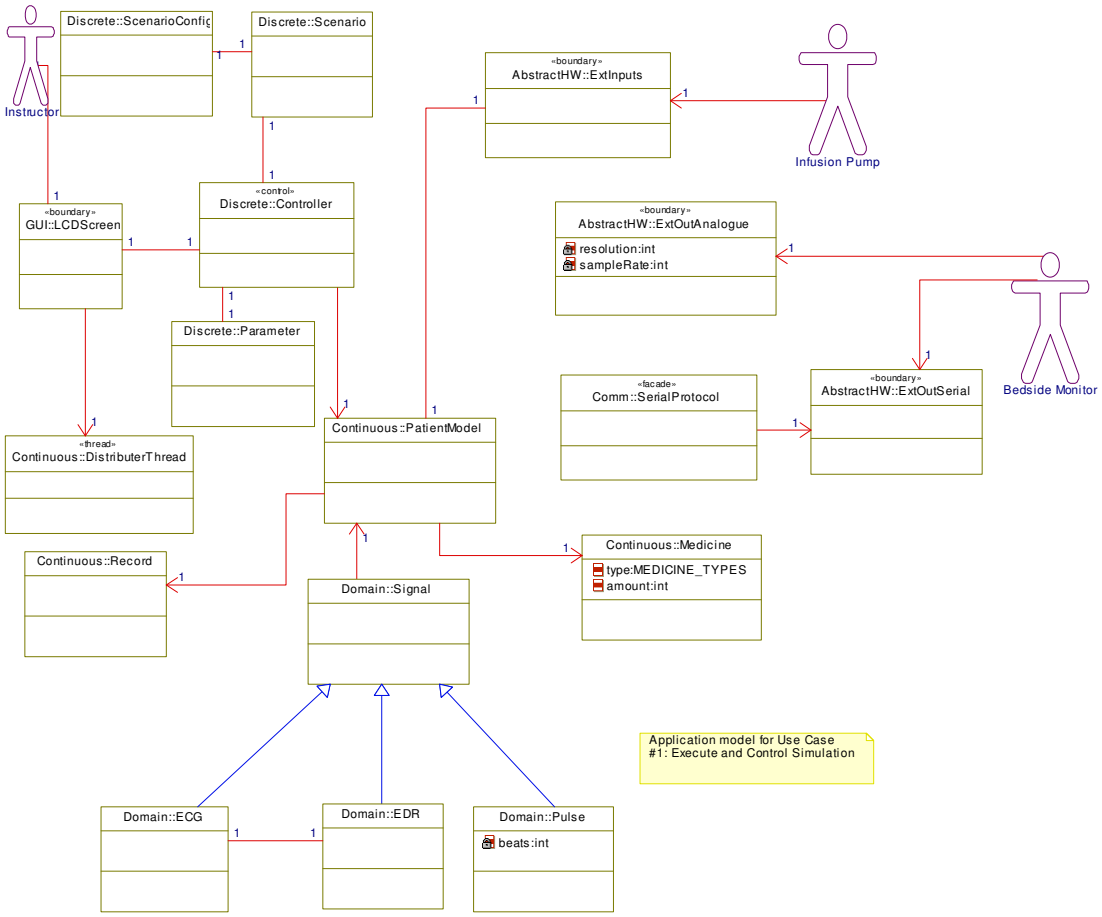
4. ObjectModelDiagram name: DomainModel



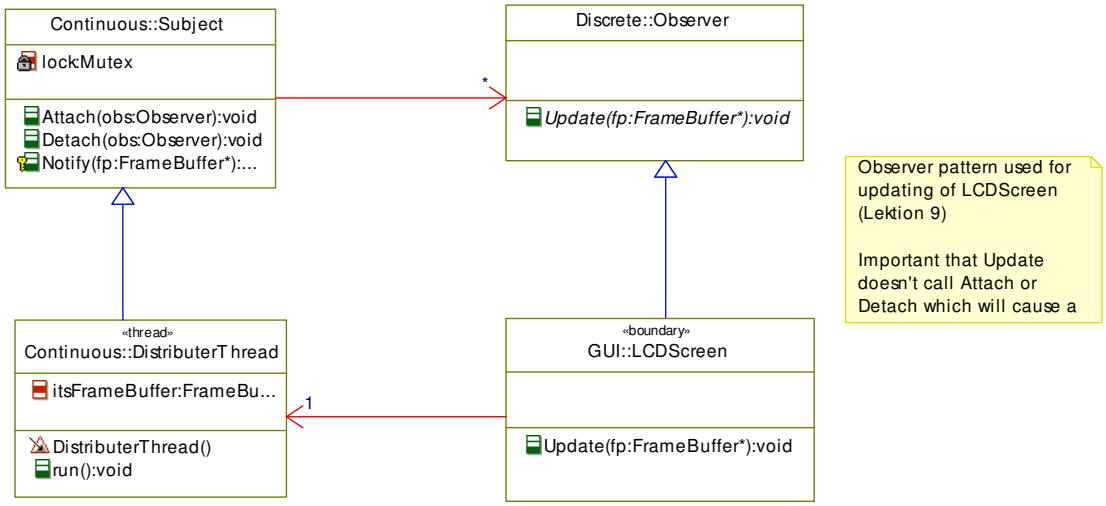
5. ObjectModelDiagram name: ThreadModel



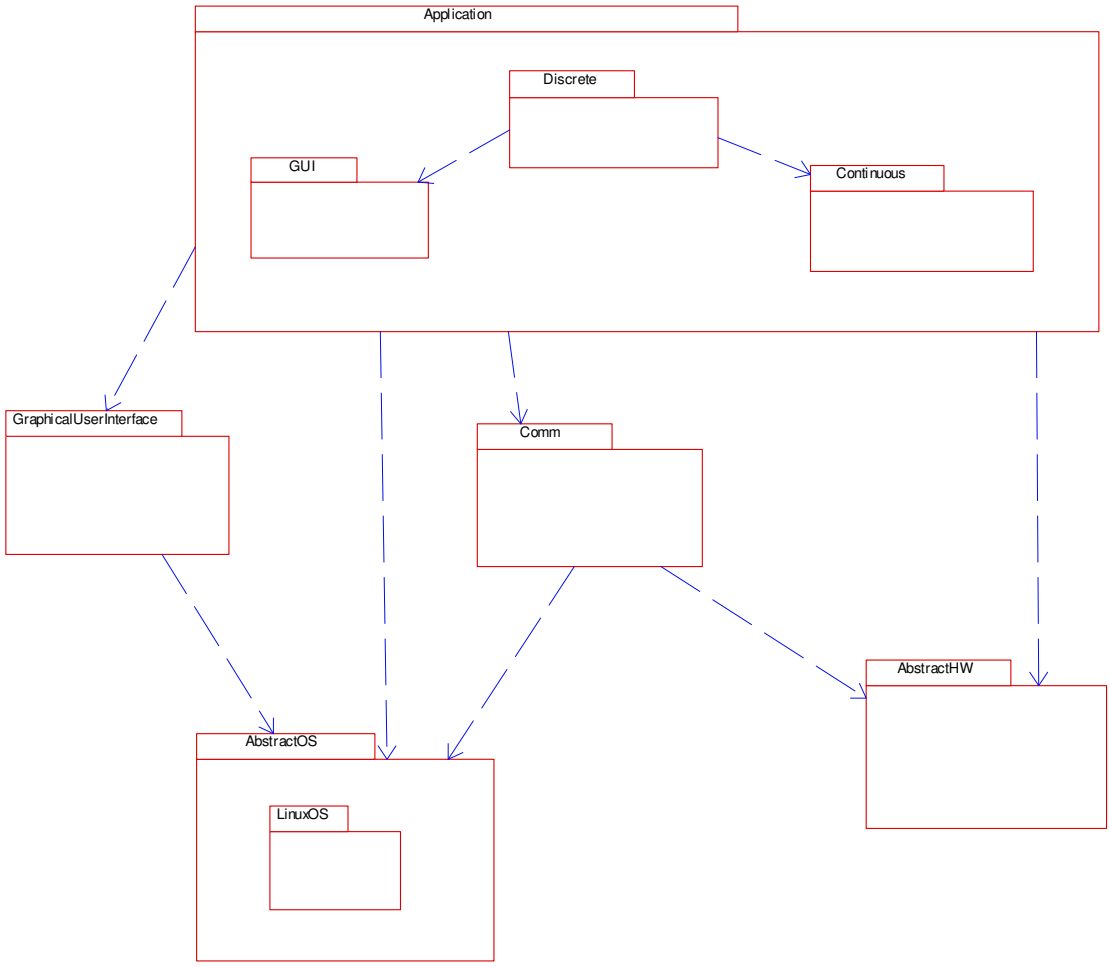
6. ObjectModelDiagram name: ApplicationModelSimulation



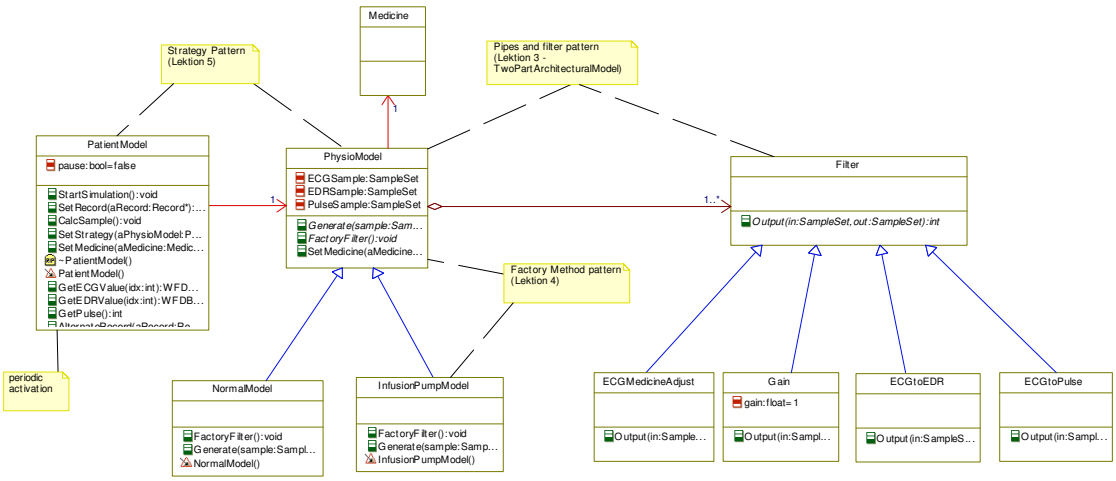
7. ObjectModelDiagram name: FrameBufferObserver



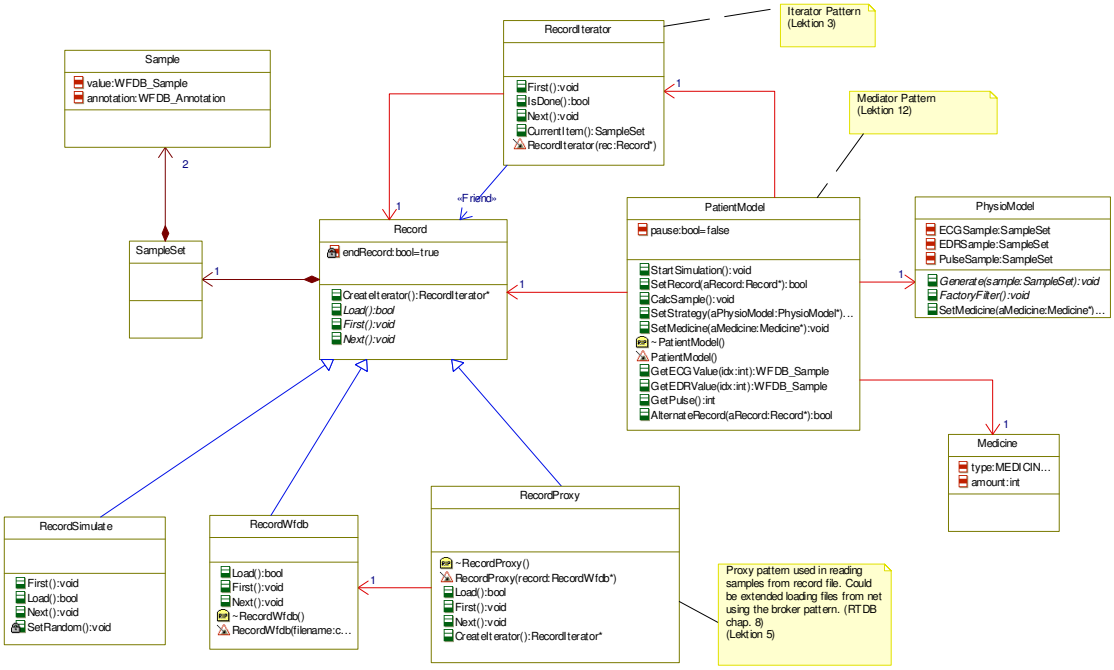
8. ObjectModelDiagram name: PackageView



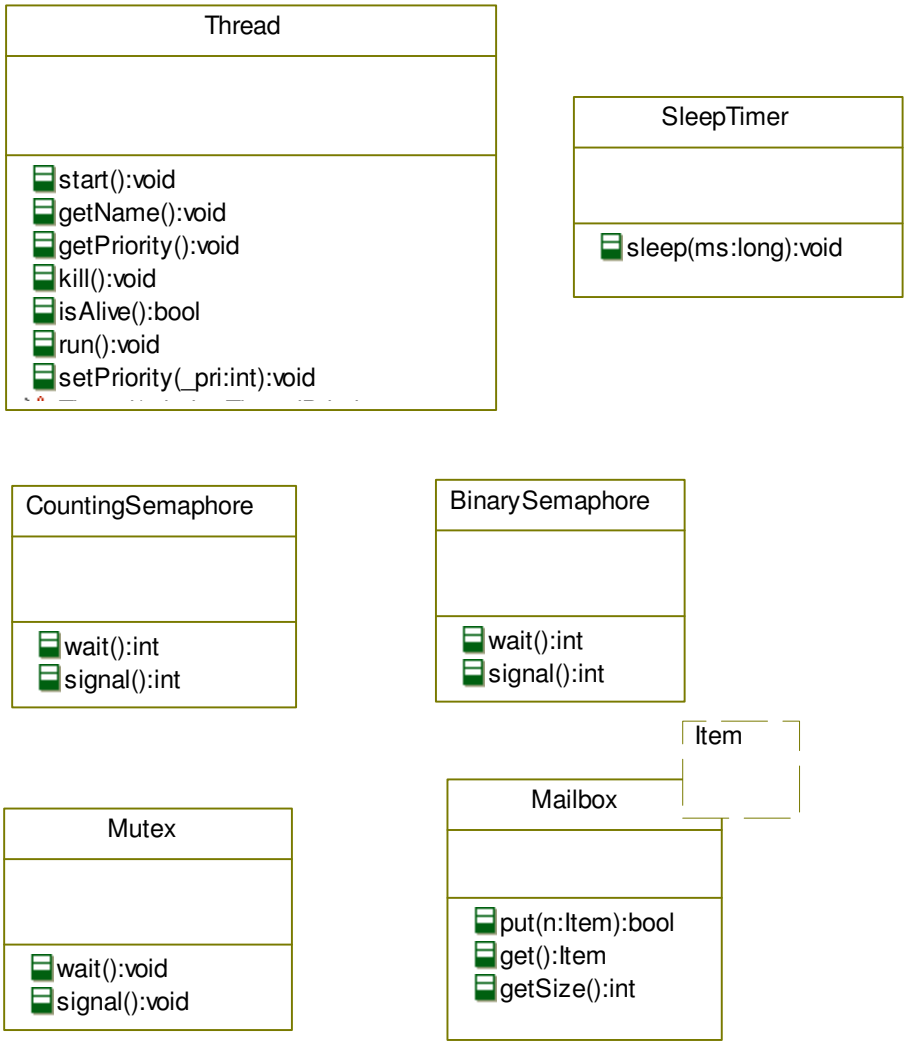
9. ObjectModelDiagram name: PhysioModel



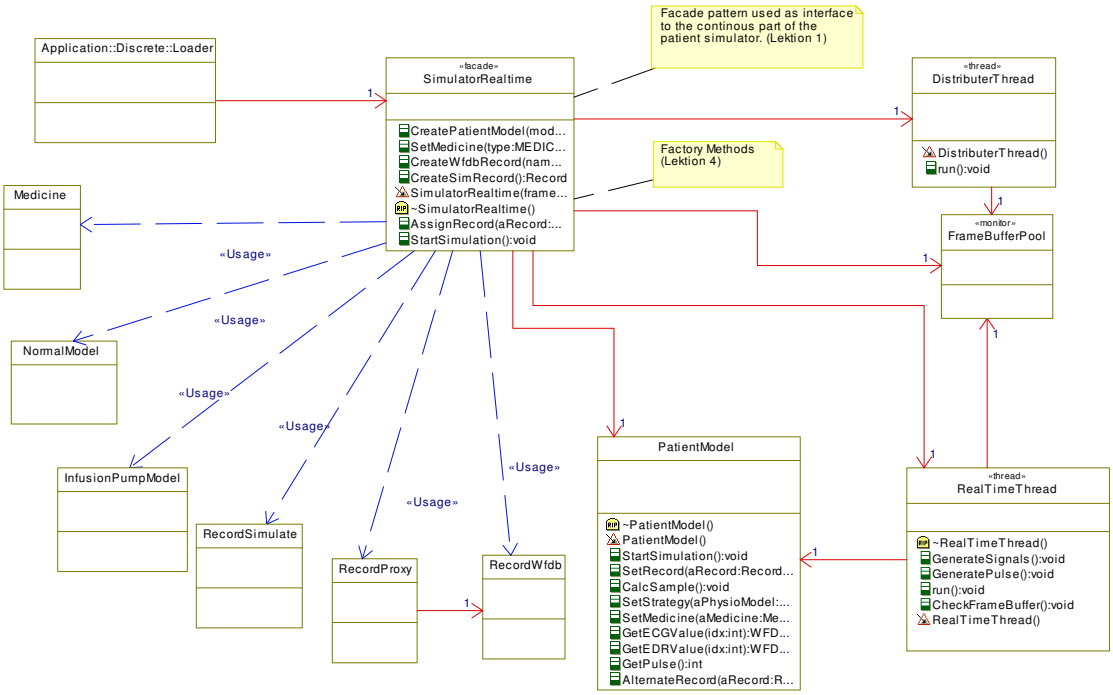
10. ObjectModelDiagram name: PatientModel



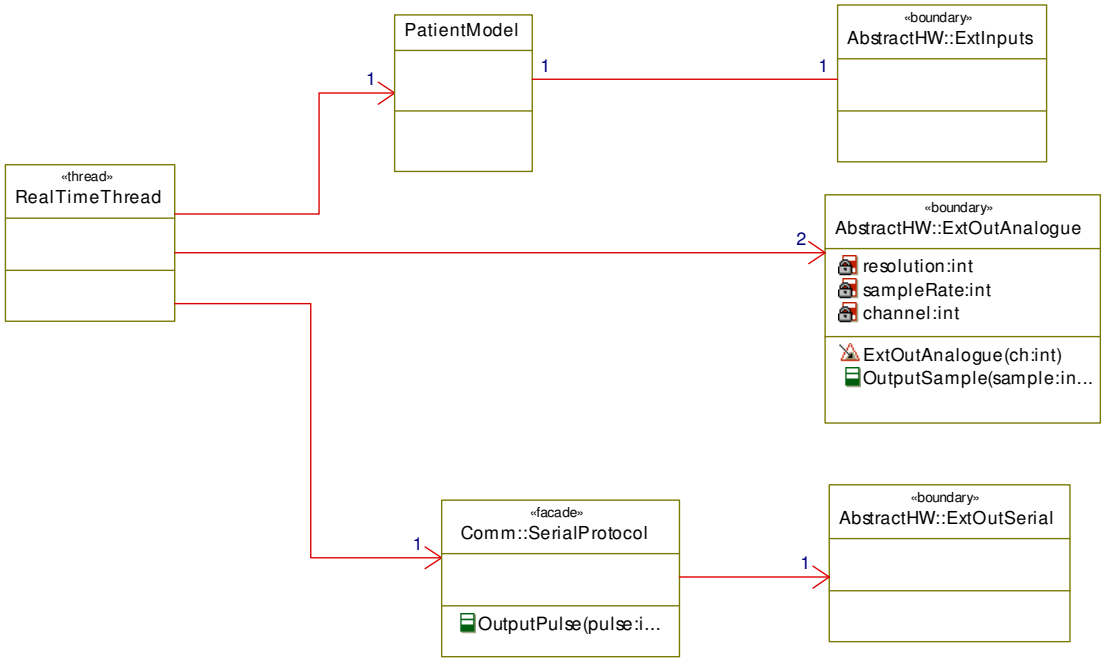
11. ObjectModelDiagram name: OS Abstraction



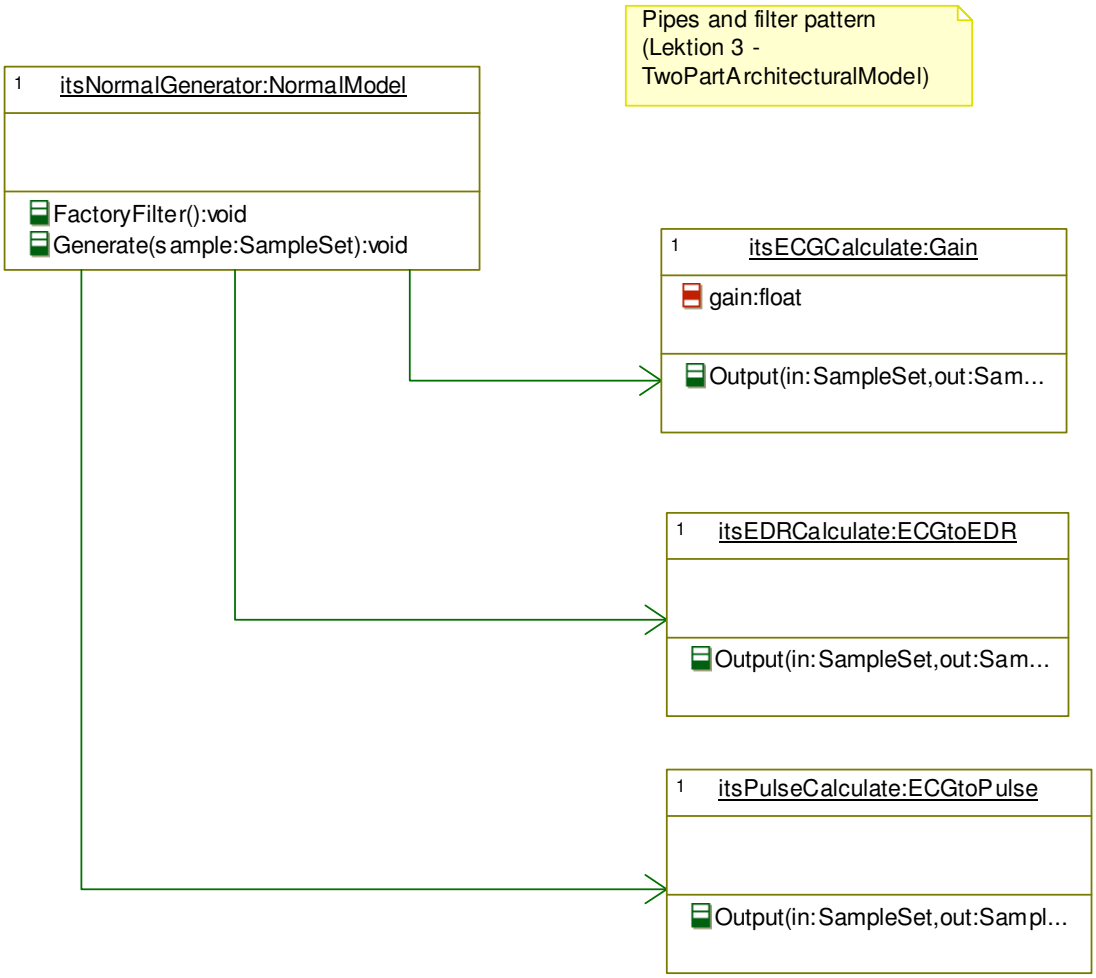
12. ObjectModelDiagram name: SimulatorRealtimeModel



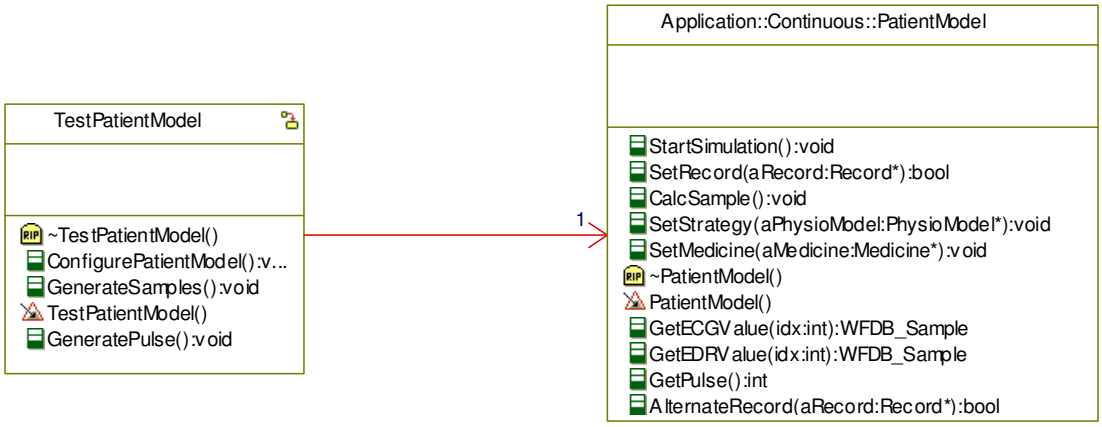
13. ObjectModelDiagram name: HWBoundary



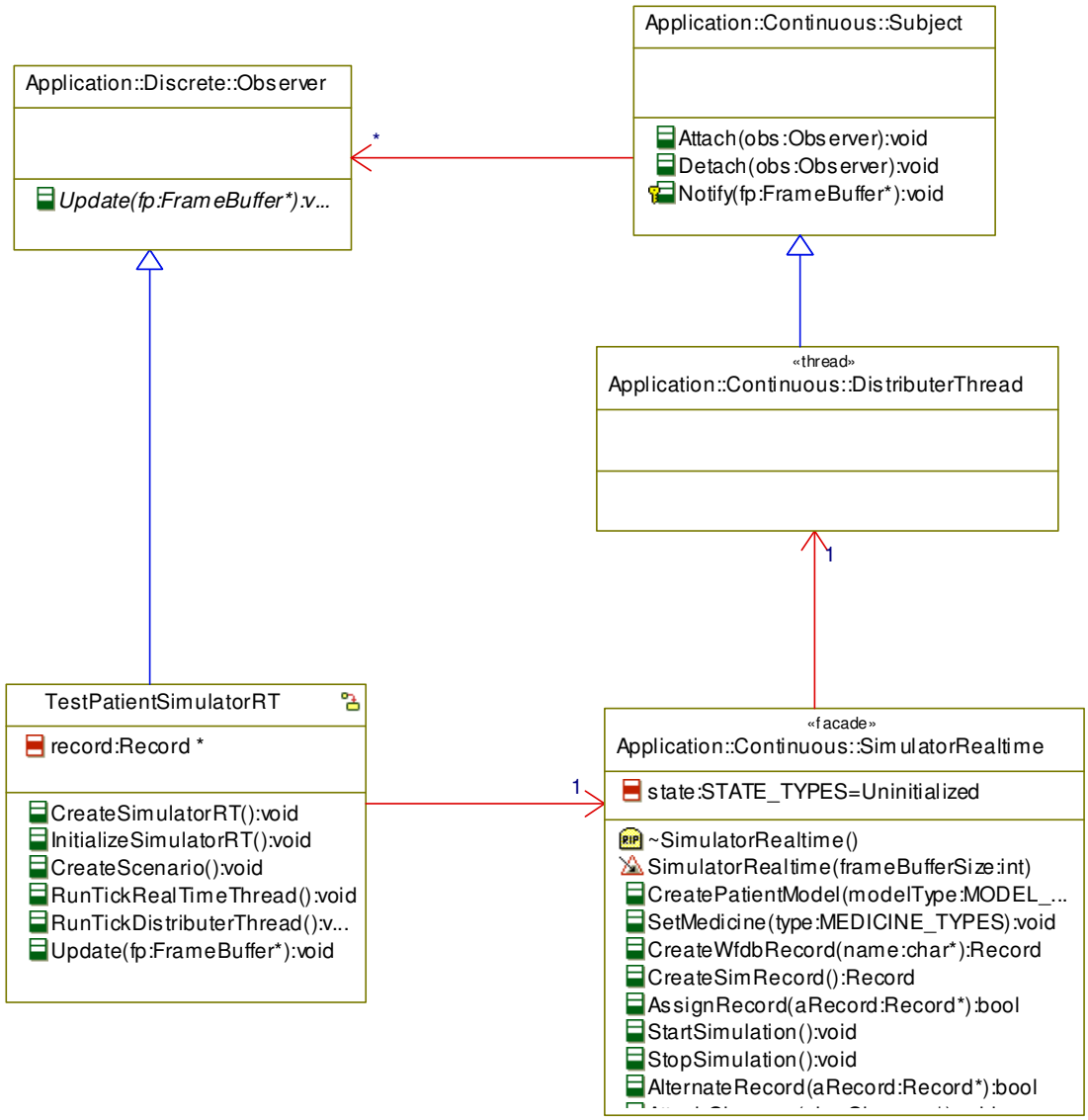
14. ObjectModelDiagram name: NormalGenerator



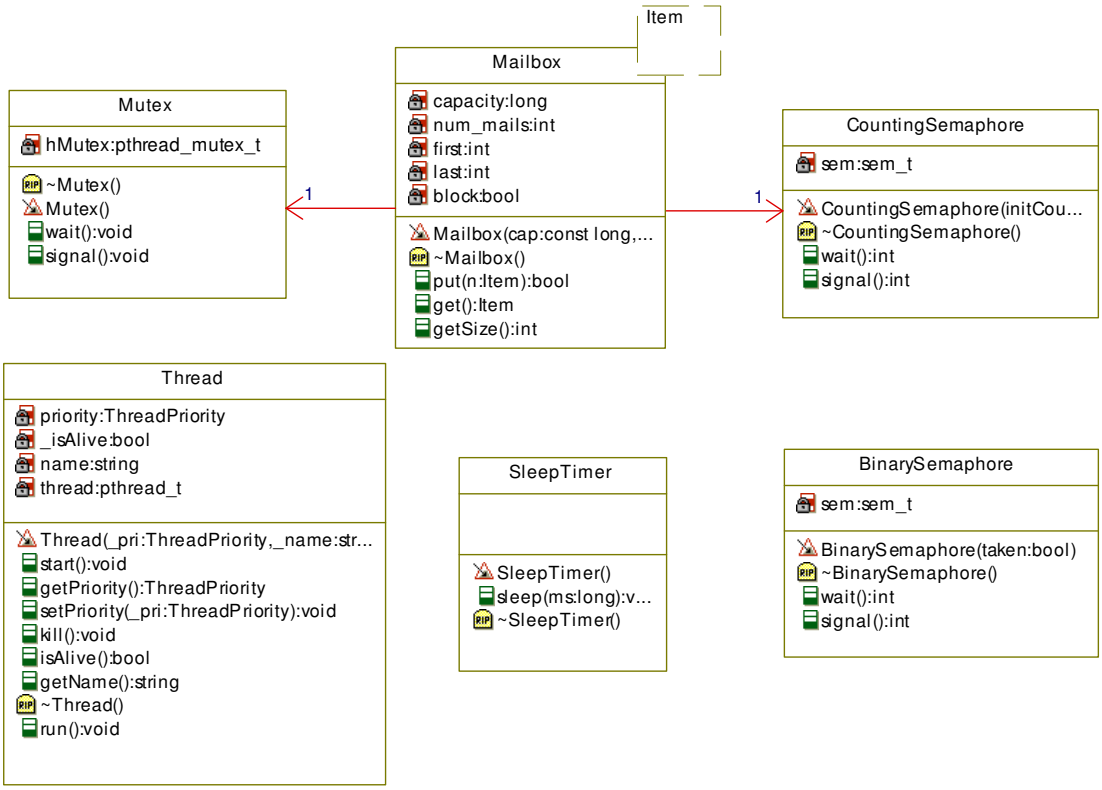
15. ObjectModelDiagram name: ConTestPatientModel



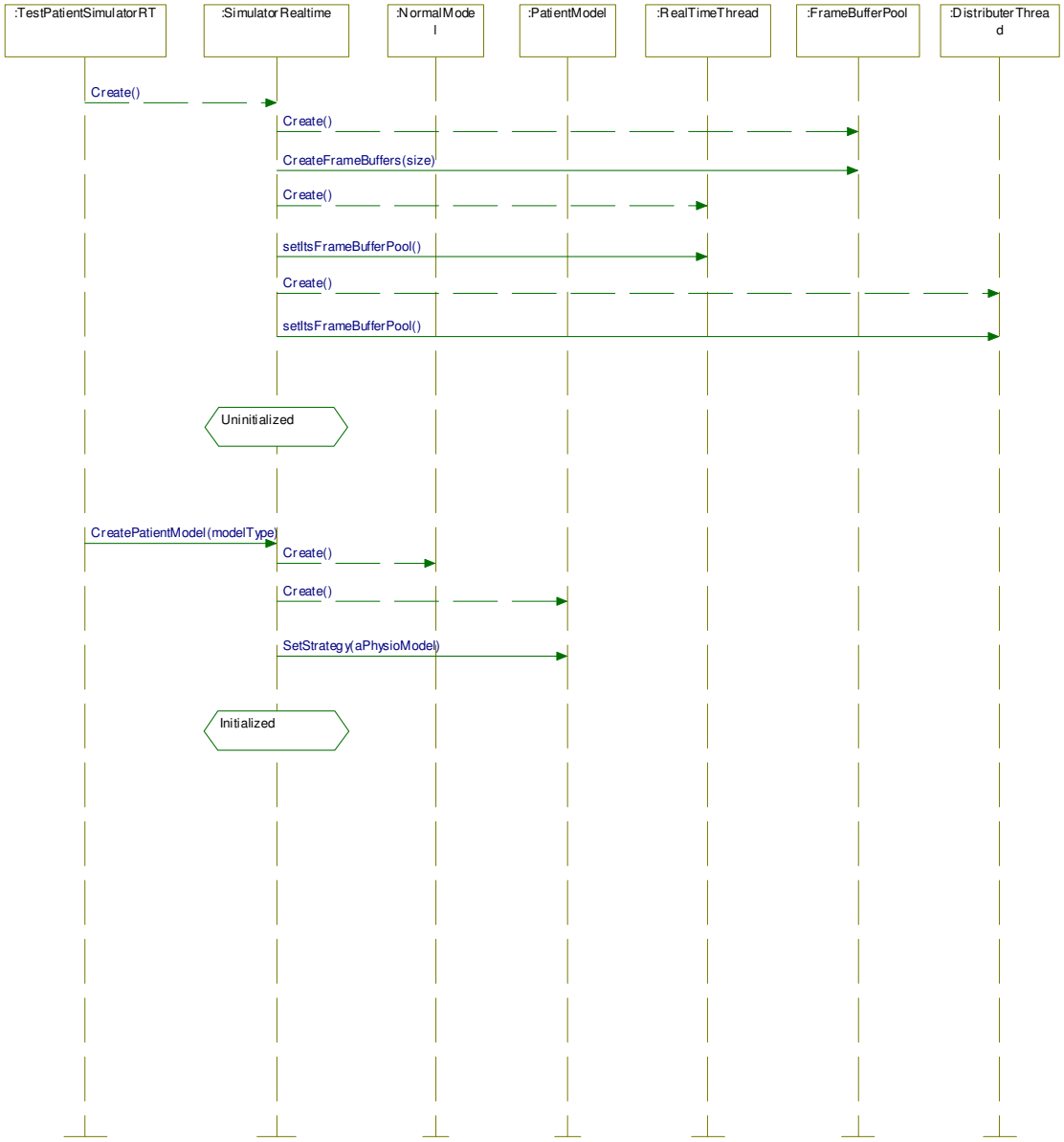
16. ObjectModelDiagram name: ConTestCreateSimulatorRealtime



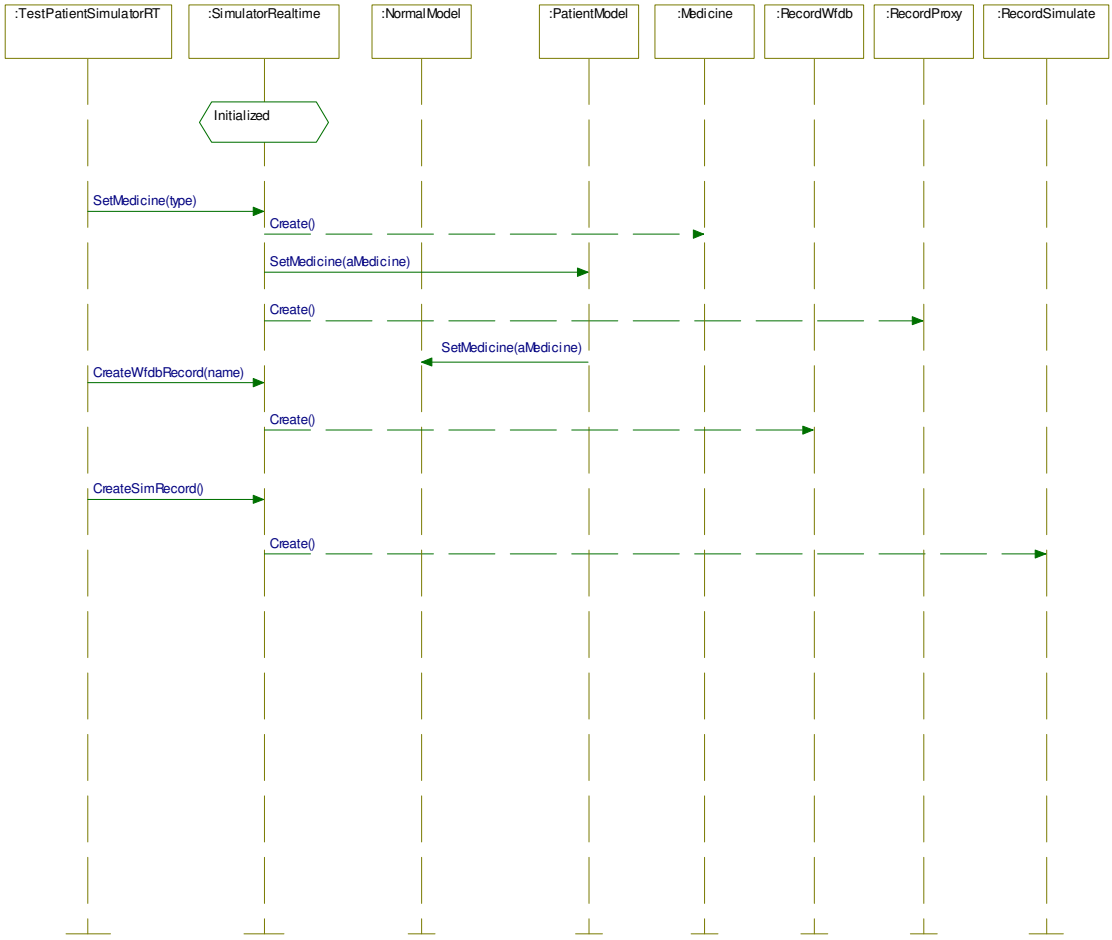
17. ObjectModelDiagram name: OS Linux



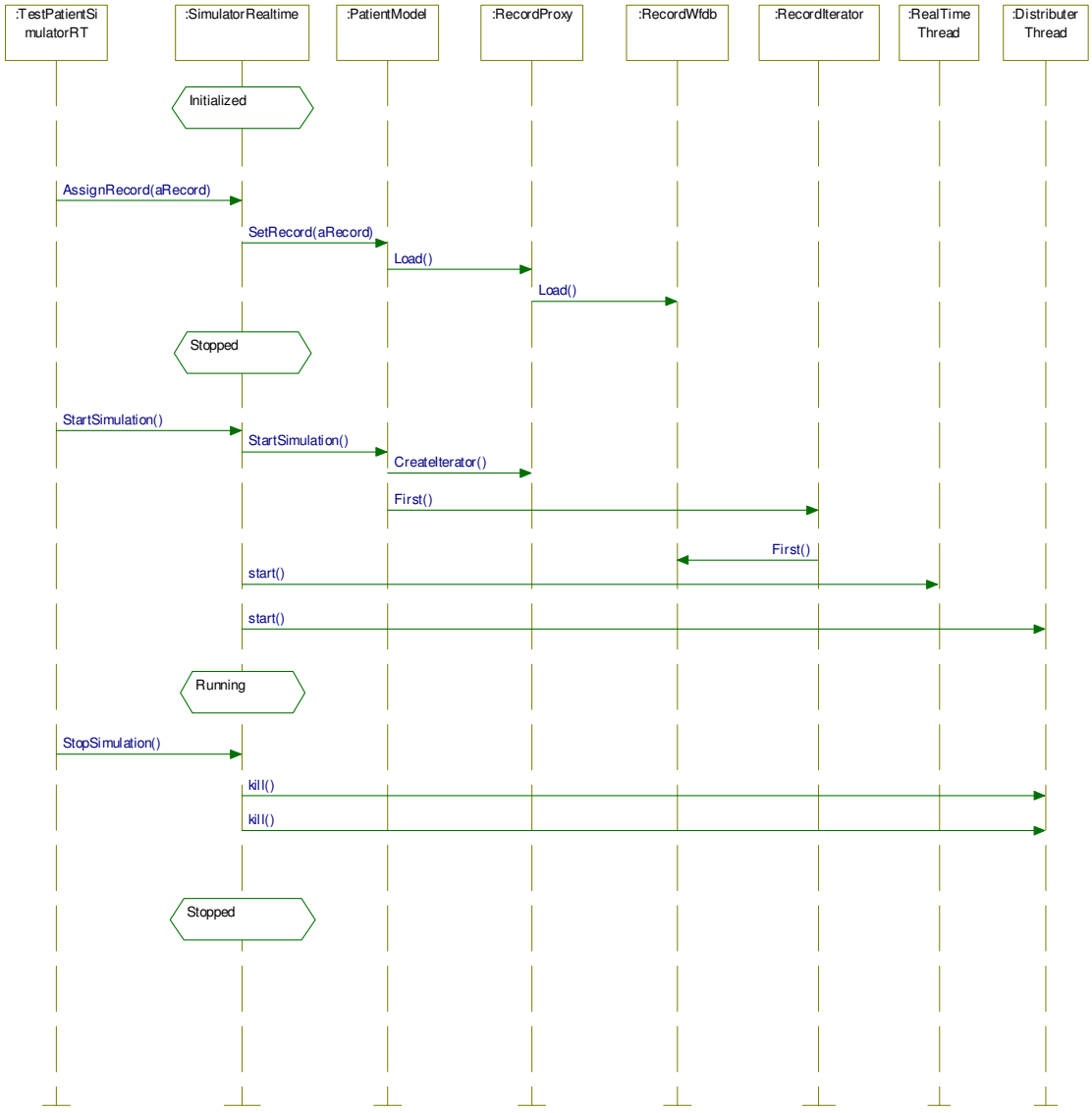
18. SequenceDiagram name: ScenarioCreateSimulatorRealtime



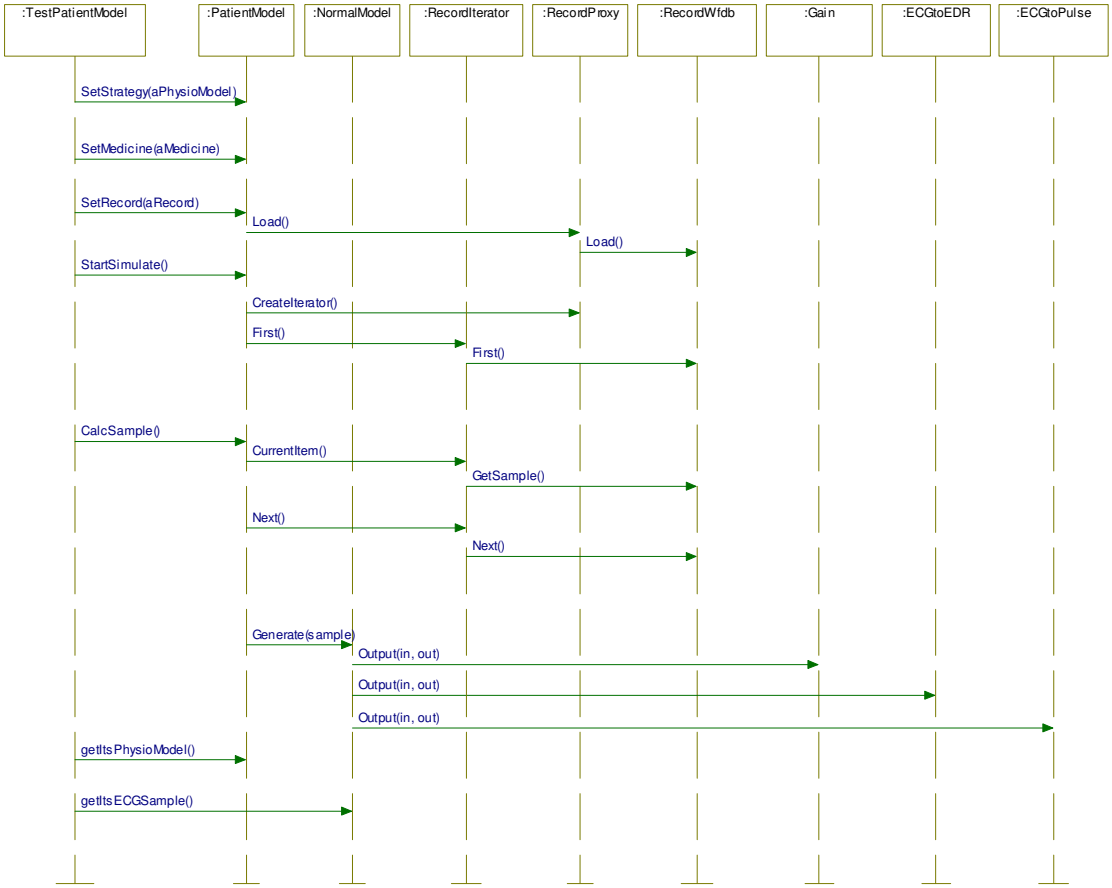
19. SequenceDiagram name: ScenarioCreateRecordRealtime



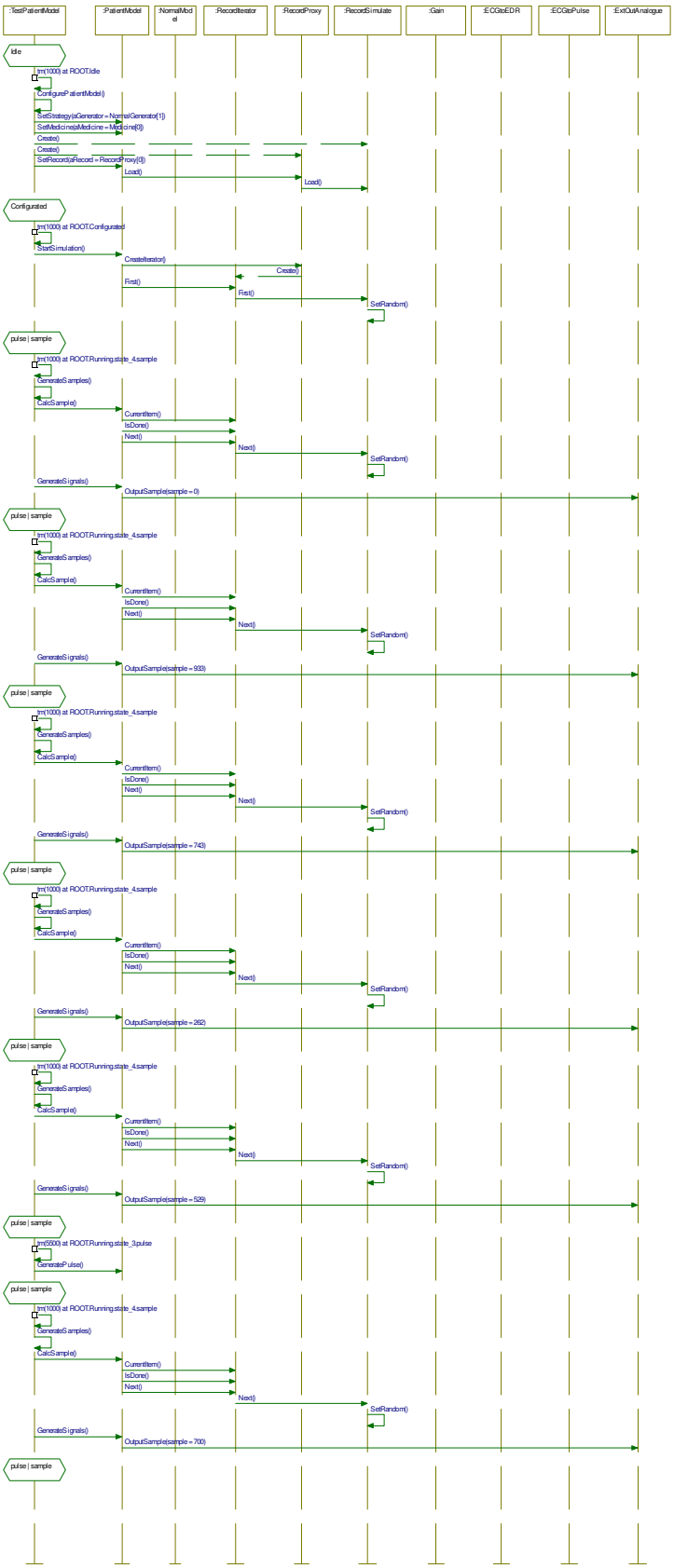
20. SequenceDiagram name: ScenarioStartSimulatorRealtime



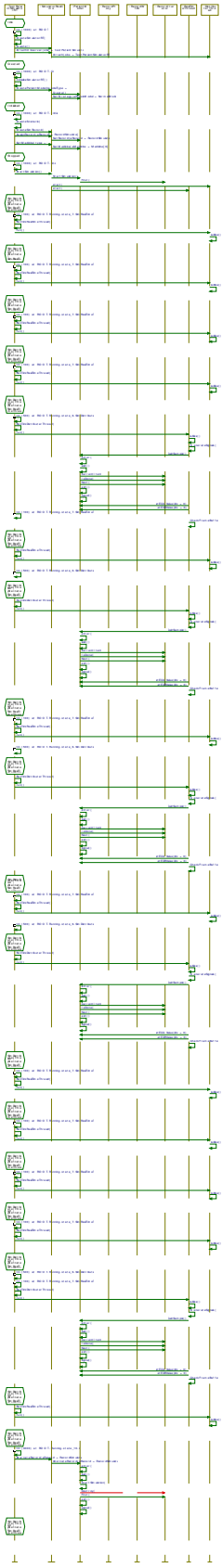
21. SequenceDiagram name: TestNormalGenerateSample



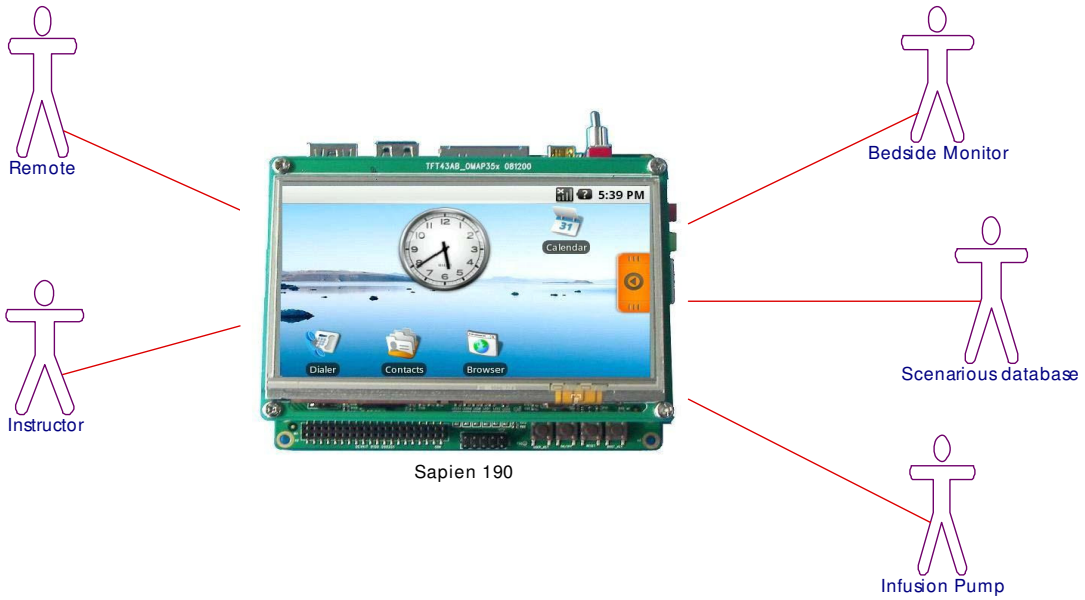
22. SequenceDiagram name: AnimatedTestNormalGenerateSample


:TestPatientModel
:PatientModel
:NormalModel
:RecordIterator
:RecordProxy
:RecordSimulate
:Gain
:ECGtoEDR
:ECGtoPulse
:ExtOutAnalogue
Idle
tm(1000) at ROOT.Idle
ConfigurePatientModel()
SetStrategy(pGenerator = NormalGenerator(1))
SetMedicine(pMedicine = Medicine(0))
Create()
Create()
SetRecord(pRecord = RecordProxy(0))
Load()
Load()
Configurated
tm(1000) at ROOT.Configurated
StartSimulation()
CreateIterator()
Create()
First()
First()
SetRandom()
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 0)
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 933)
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 743)
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 282)
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 539)
pulse | sample
tm(5500) at ROOT.Running.state_3.pulse
GeneratePulse()
pulse | sample
tm(1000) at ROOT.Running.state_4.sample
GenerateSamples()
CalcSample()
CurrentItem()
IsDone()
Next()
Next()
SetRandom()
GenerateSignals()
OutputSample(sample = 700)
pulse | sample

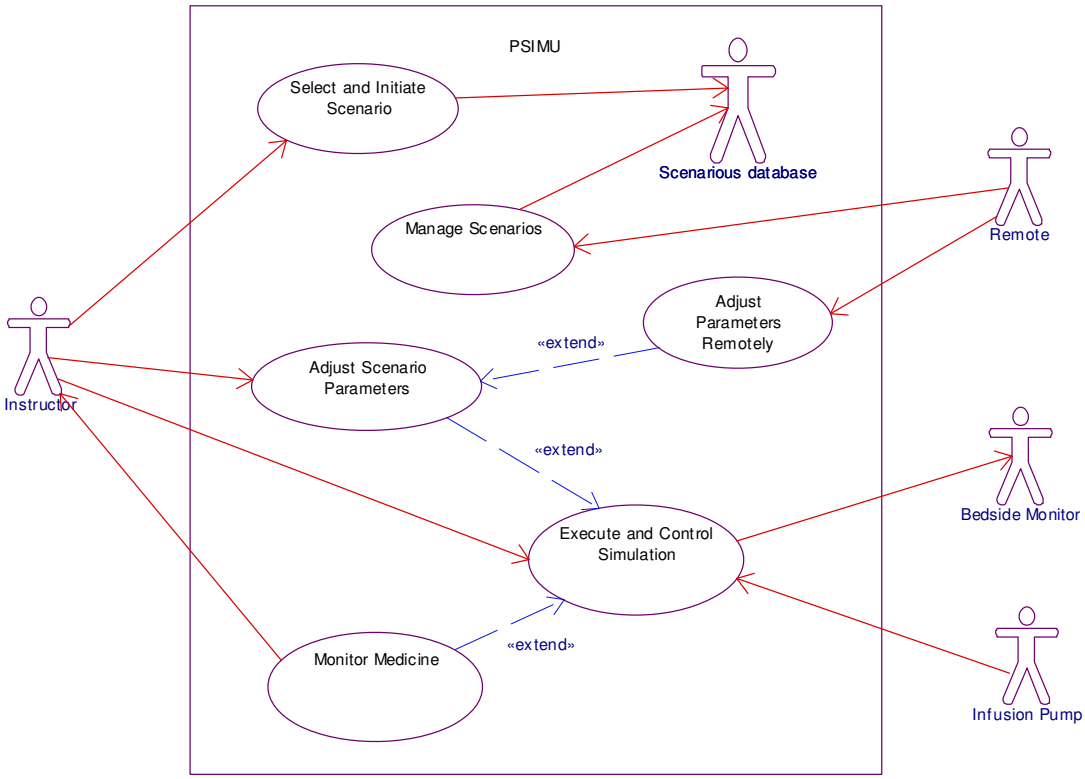
23. SequenceDiagram name: Animated ScenarioStartSimulatorRealtime



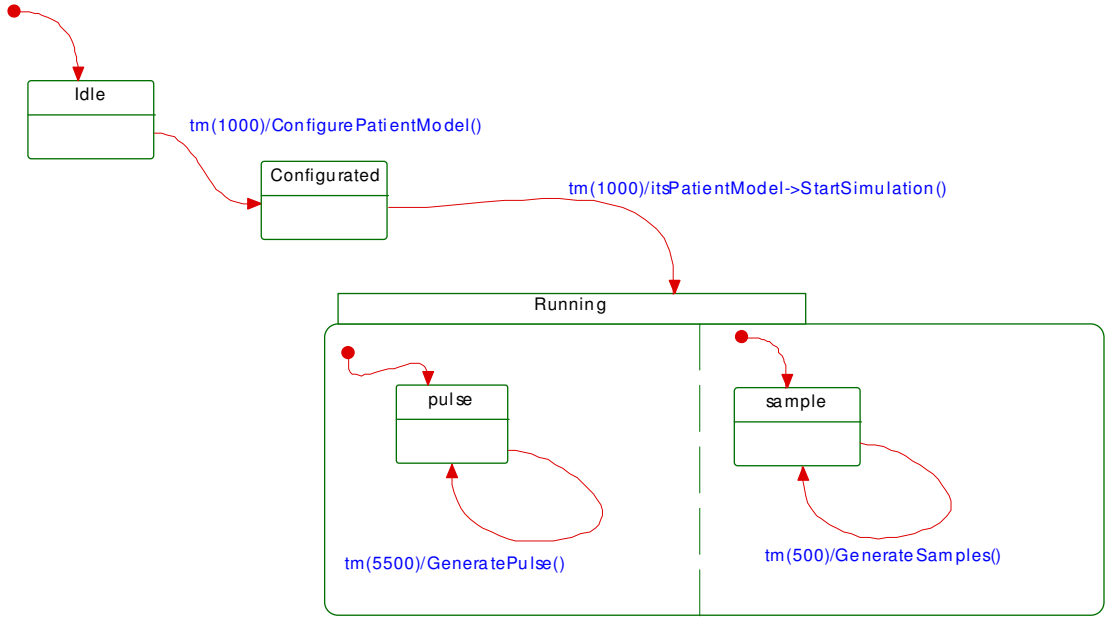
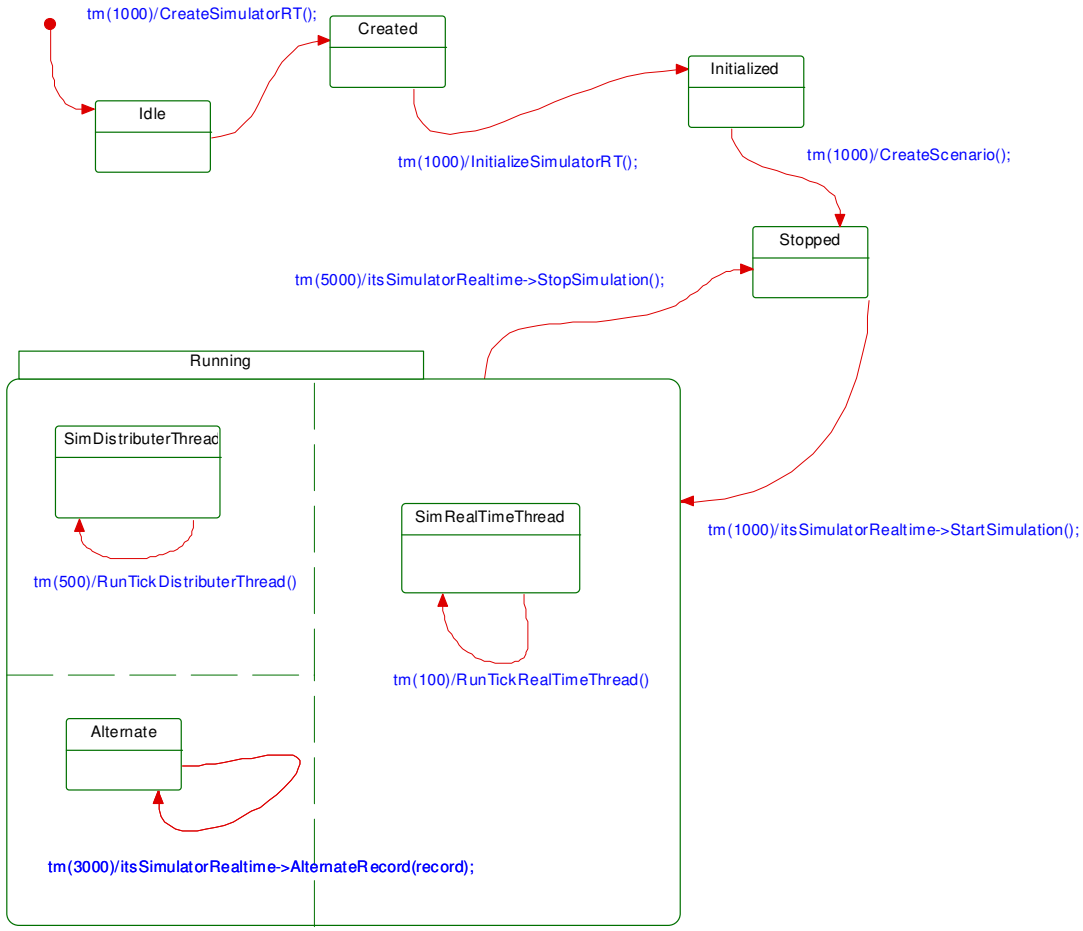
24. UsecaseDiagram name: Context



25. UsecaseDiagram name: PSIMU



26. Statechart information for Class: TestPatientModel



27. Statechart information for Class: TestPatientSimulatorRT