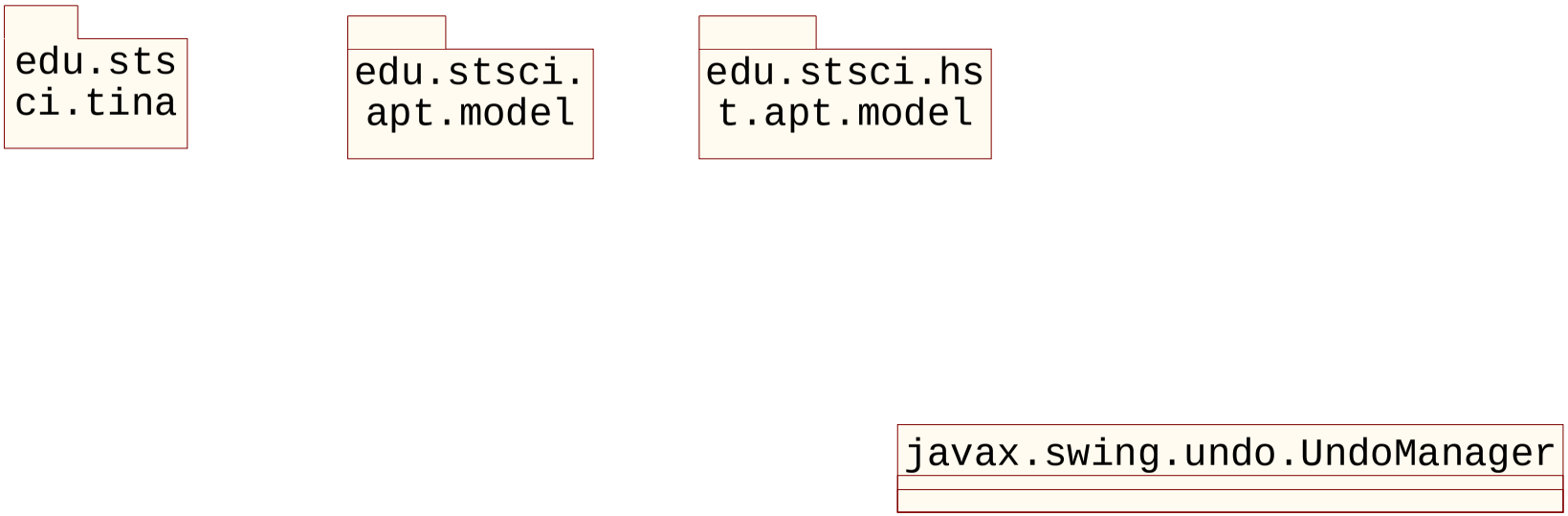
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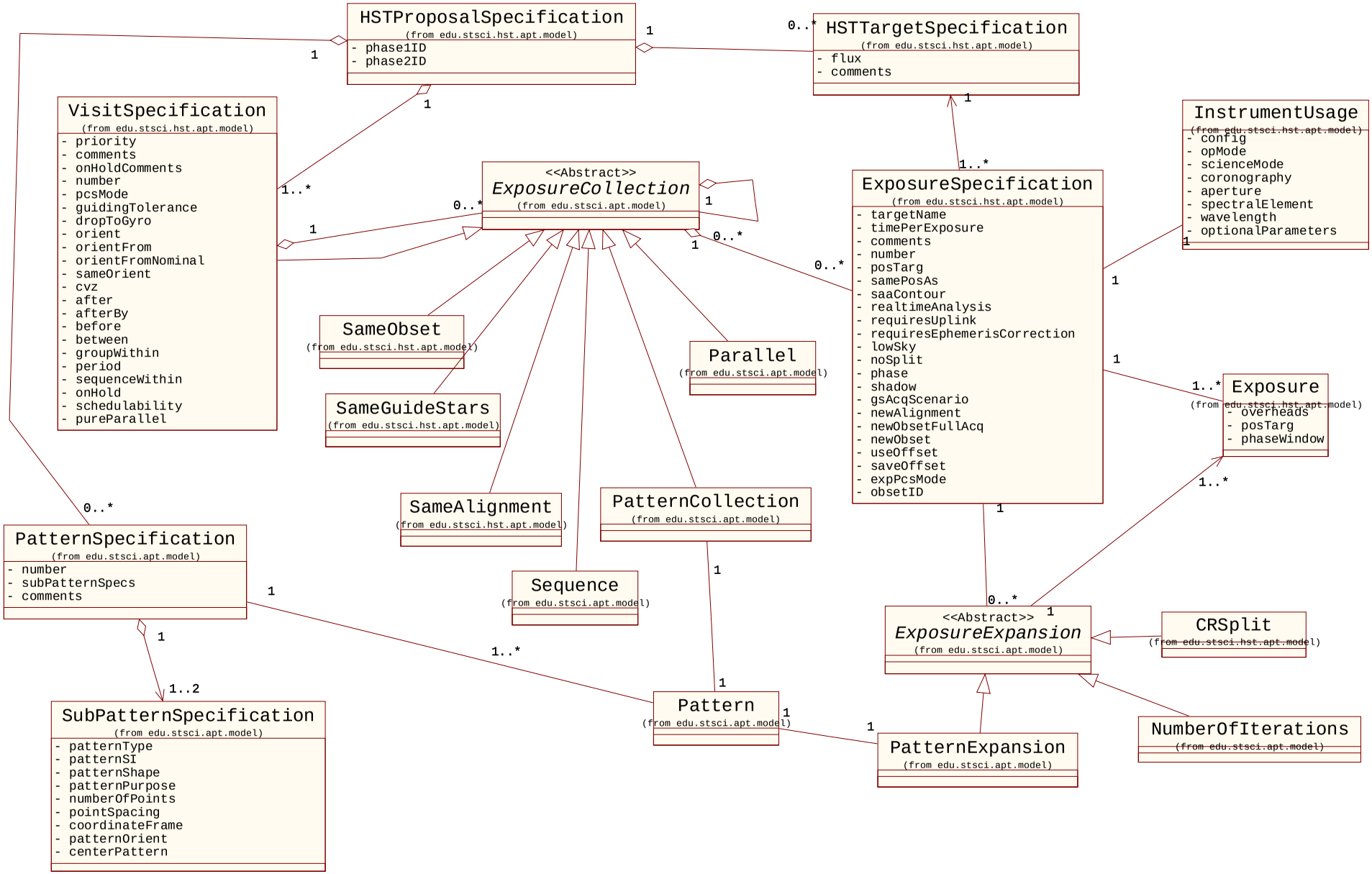
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- phase2ID
HSTTargetSpecification
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- flux
- comments
VisitSpecification
(from edu.stsci.hst.apt.model)
- priority
- comments
- onHoldComments
- number
- pcsMode
- guidingTolerance
- dropToGyro
- orient
- orientFrom
- orientFromNominal
- sameOrient
- cvz
- after
- afterBy
- before
- between
- groupWithin
- period
- sequenceWithin
- onHold
- schedulability
- pureParallel
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ExposureSpecification
(from edu.stsci.hst.apt.model)
- targetName
- timePerExposure
- comments
- number
- posTarg
- samePosAs
- saaContour
- realtimeAnalysis
- requiresUplink
- requiresEphemerisCorrection
- lowSky
- noSplit
- phase
- shadow
- gsAcqScenario
- newAlignment
- newObsetFullAcq
- newObset
- useOffset
- saveOffset
- expPcsMode
- obsetID
InstrumentUsage
(from edu.stsci.hst.apt.model)
- config
- opMode
- scienceMode
- coronography
- aperture
- spectralElement
- wavelength
- optionalParameters
SameObset
(from edu.stsci.hst.apt.model)
SameGuideStars
(from edu.stsci.hst.apt.model)
Parallel
(from edu.stsci.apt.model)
Exposure
(from edu.stsci.hst.apt.model)
- overheads
- posTarg
- phaseWindow
SameAlignment
(from edu.stsci.hst.apt.model)
PatternCollection
(from edu.stsci.apt.model)
Sequence
(from edu.stsci.apt.model)
PatternSpecification
(from edu.stsci.apt.model)
- number
- subPatternSpecs
- comments
<<Abstract>>
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CRSplit
(from edu.stsci.hst.apt.model)
SubPatternSpecification
(from edu.stsci.apt.model)
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- patternSI
- patternShape
- patternPurpose
- numberOfPoints
- pointSpacing
- coordinateFrame
- patternOrient
- centerPattern
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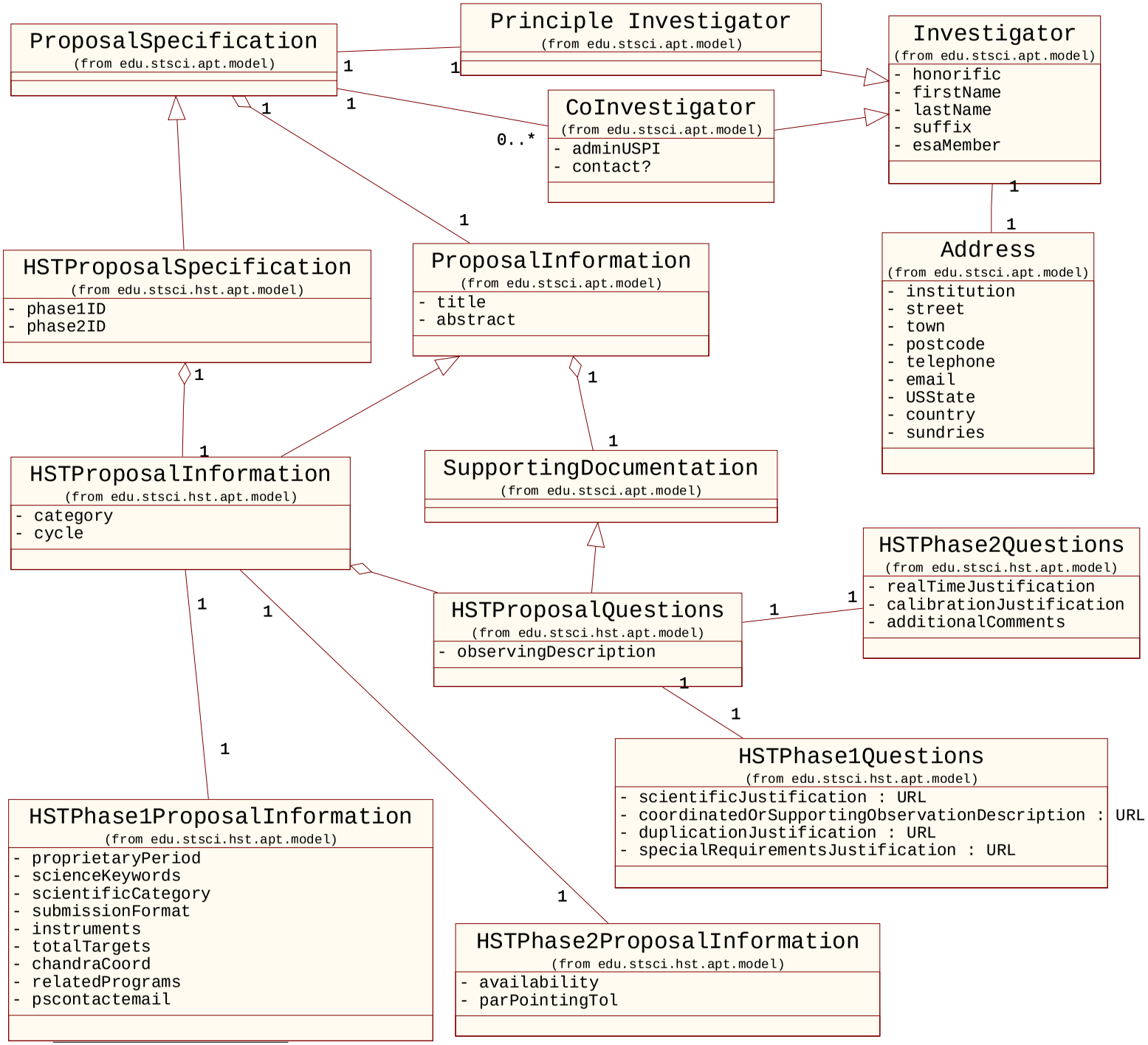
PatternExpansion
(from edu.stsci.apt.model)
NumberOfIterations
(from edu.stsci.apt.model)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Investigator
(from edu.stsci.apt.model)
- honorific
- firstName
- lastName
- suffix
- esaMember
CoInvestigator
(from edu.stsci.apt.model)
- adminUSPI
- contact?
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HSTProposalSpecification
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- phase1ID
- phase2ID
ProposalInformation
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- abstract
Address
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- institution
- street
- town
- postcode
- telephone
- email
- USState
- country
- sundries
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- category
- cycle
SupportingDocumentation
(from edu.stsci.apt.model)
HSTPhase2Questions
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- realTimeJustification
- calibrationJustification
- additionalComments
HSTProposalQuestions
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- observingDescription
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(from edu.stsci.hst.apt.model)
- scientificJustification : URL
- coordinatedOrSupportingObservationDescription : URL
- duplicationJustification : URL
- specialRequirementsJustification : URL
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- scienceKeywords
- scientificCategory
- submissionFormat
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- totalTargets
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- relatedPrograms
- pscontactemail
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- availability
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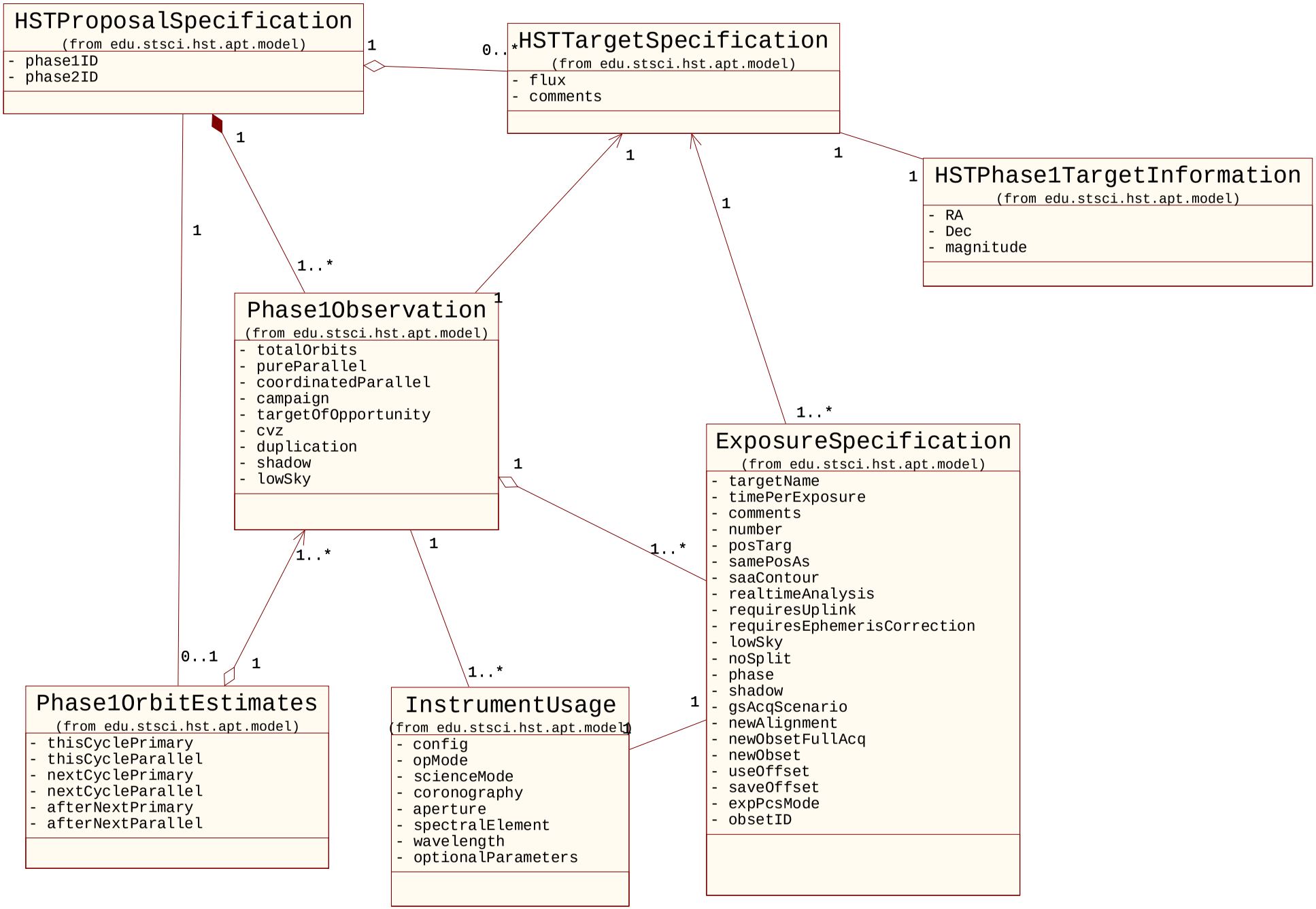
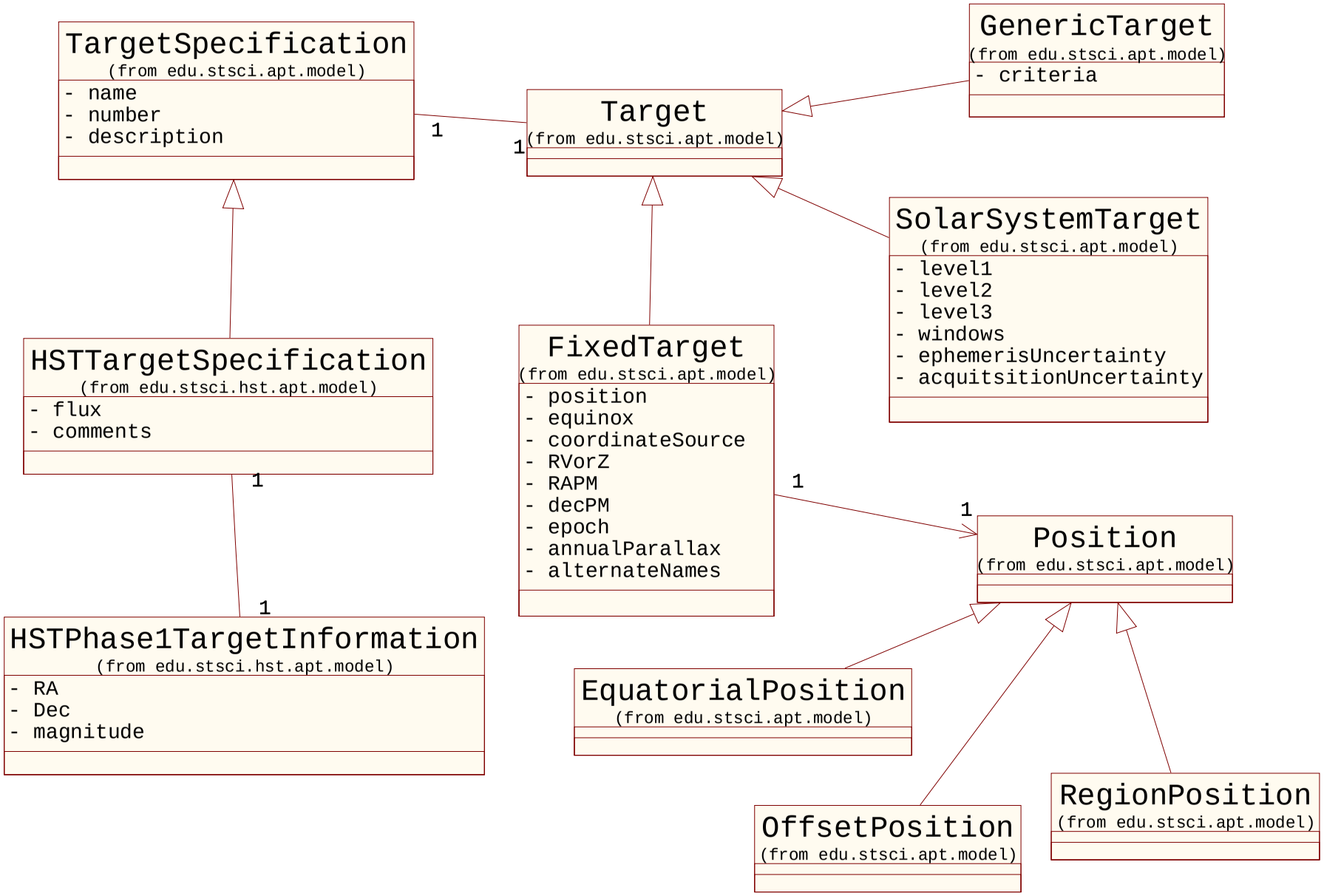


File: /data/ross1/rdouglas/APT/Design/Top-Level/apt.mdl Wed May 9 16:21:16 2001 Class Diagram: Logical View / HST Phase 1 Observing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- number
- description
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- criteria
Target
(from edu.stsci.apt.model)
1
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SolarSystemTarget
(from edu.stsci.apt.model)
- level1
- level2
- level3
- windows
- ephemerisUncertainty
- acquitsitionUncertainty
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- flux
- comments
FixedTarget
(from edu.stsci.apt.model)
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- equinox
- coordinateSource
- RVorZ
- RAPM
- decPM
- epoch
- annualParallax
- alternateNames
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Position
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HSTPhase1TargetInformation
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- RA
- Dec
- magnitude
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OffsetPosition
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RegionPosition
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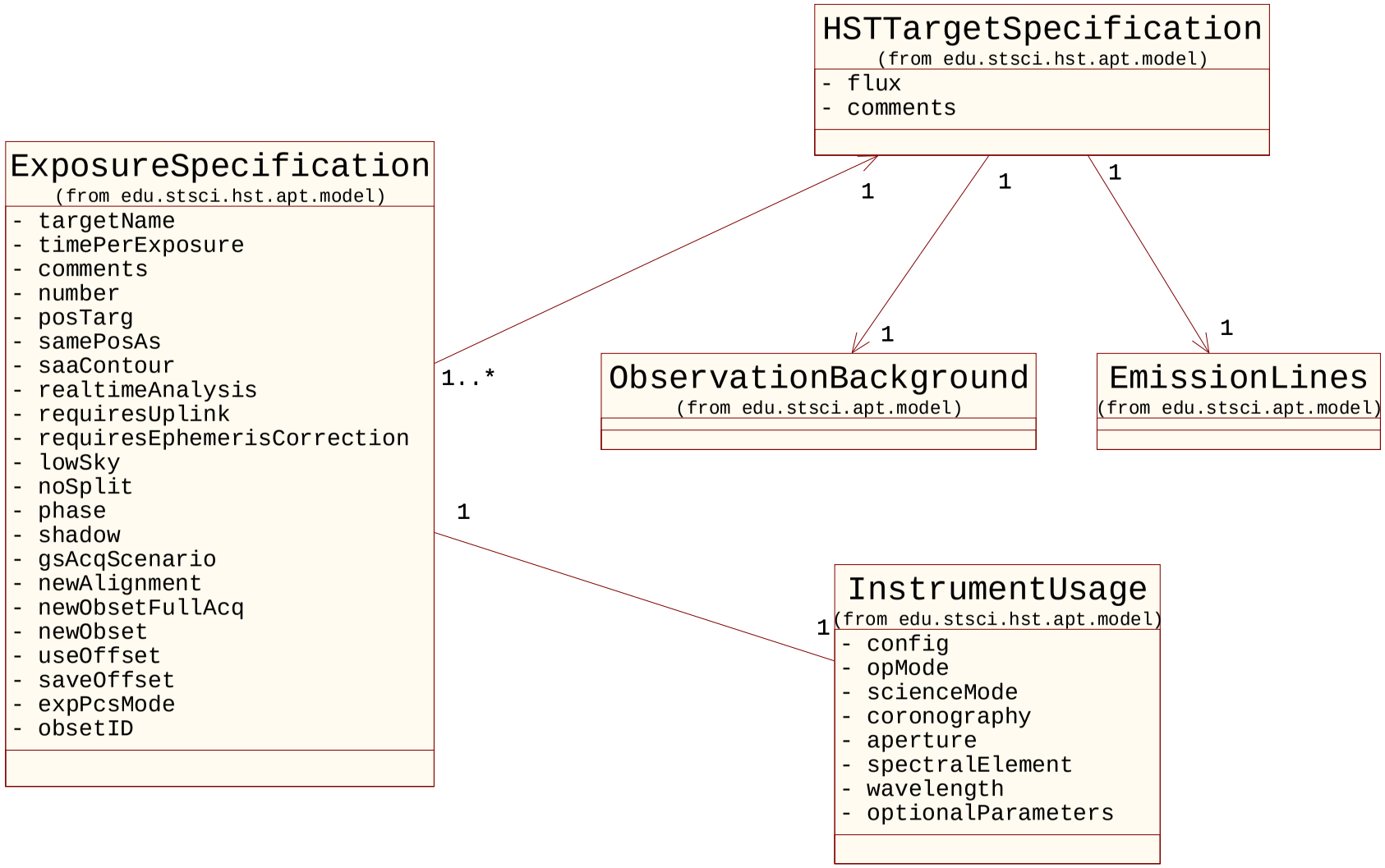
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- comments
- number
- posTarg
- samePosAs
- saaContour
- realtimeAnalysis
- requiresUplink
- requiresEphemerisCorrection
- lowSky
- noSplit
- phase
- shadow
- gsAcqScenario
- newAlignment
- newObsetFullAcq
- newObset
- useOffset
- saveOffset
- expPcsMode
- obsetID
ObservationBackground
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EmissionLines
(from edu.stsci.apt.model)
InstrumentUsage
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- coronography
- aperture
- spectralElement
- wavelength
- optionalParameters
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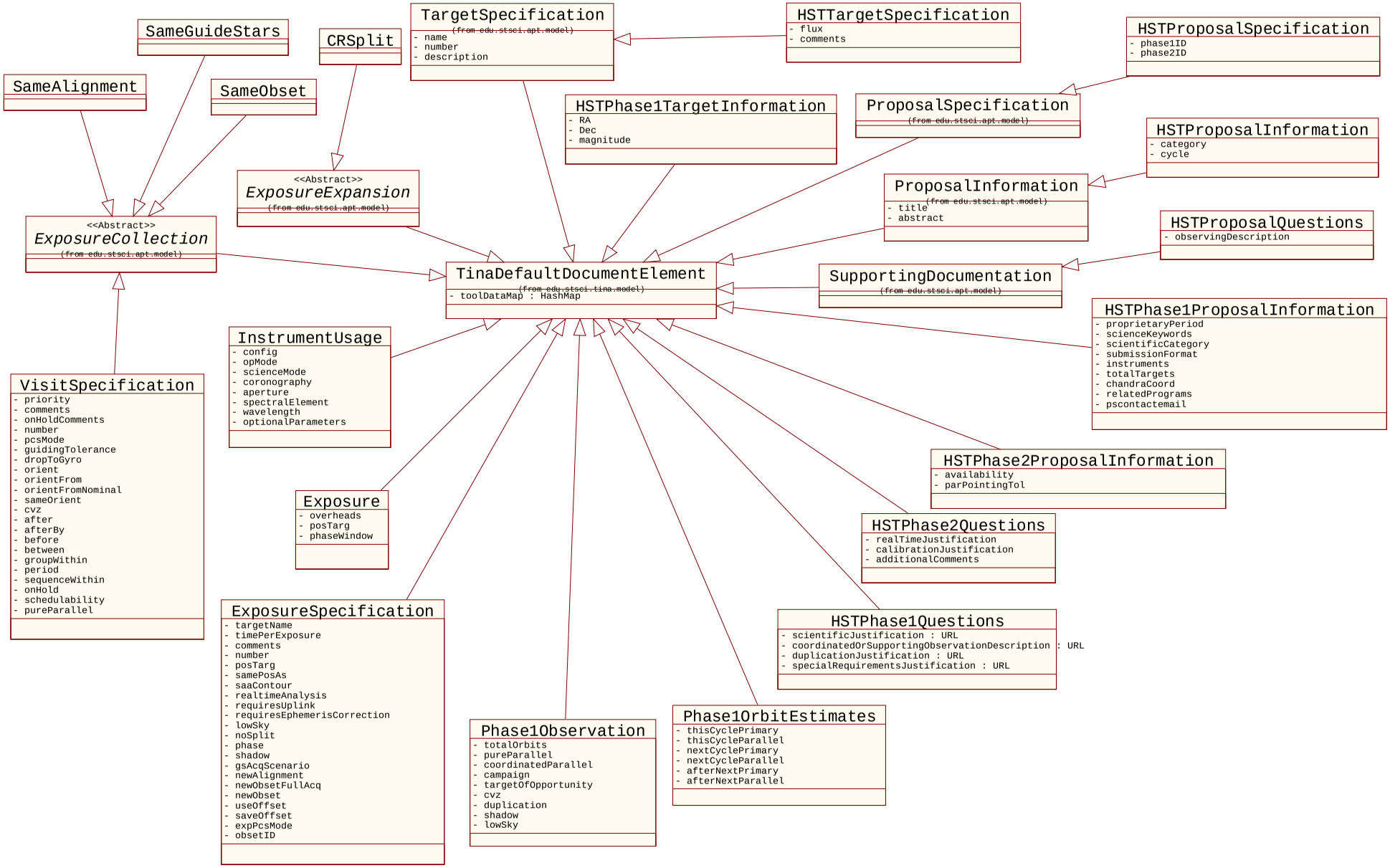
SameGuideStars
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- description
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- comments
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- phase2ID
SameAlignment
SameObset
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- Dec
- magnitude
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- cycle
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(from edu.stsci.apt.model)
- title
- abstract
<<Abstract>>
ExposureCollection
(from edu.stsci.apt.model)
HSTProposalQuestions
- observingDescription
TinaDefaultDocumentElement
(from edu.stsci.tina.model)
- toolDataMap : HashMap
SupportingDocumentation
(from edu.stsci.apt.model)
HSTPhase1ProposalInformation
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- scienceKeywords
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- submissionFormat
- instruments
- totalTargets
- chandraCoord
- relatedPrograms
- pscontactemail
InstrumentUsage
- config
- opMode
- scienceMode
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- wavelength
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VisitSpecification
- priority
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- onHoldComments
- number
- pcsMode
- guidingTolerance
- dropToGyro
- orient
- orientFrom
- orientFromNominal
- sameOrient
- cvz
- after
- afterBy
- before
- between
- groupWithin
- period
- sequenceWithin
- onHold
- schedulability
- pureParallel
HSTPhase2ProposalInformation
- availability
- parPointingTol
Exposure
- overheads
- posTarg
- phaseWindow
HSTPhase2Questions
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- calibrationJustification
- additionalComments
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- timePerExposure
- comments
- number
- posTarg
- samePosAs
- saaContour
- realtimeAnalysis
- requiresUplink
- requiresEphemerisCorrection
- lowSky
- noSplit
- phase
- shadow
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- newAlignment
- newObsetFullAcq
- newObset
- useOffset
- saveOffset
- expPcsMode
- obsetID
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- coordinatedOrSupportingObservationDescription : URL
- duplicationJustification : URL
- specialRequirementsJustification : URL
Phase1Observation
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- pureParallel
- coordinatedParallel
- campaign
- targetOfOpportunity
- cvz
- duplication
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- lowSky
Phase1OrbitEstimates
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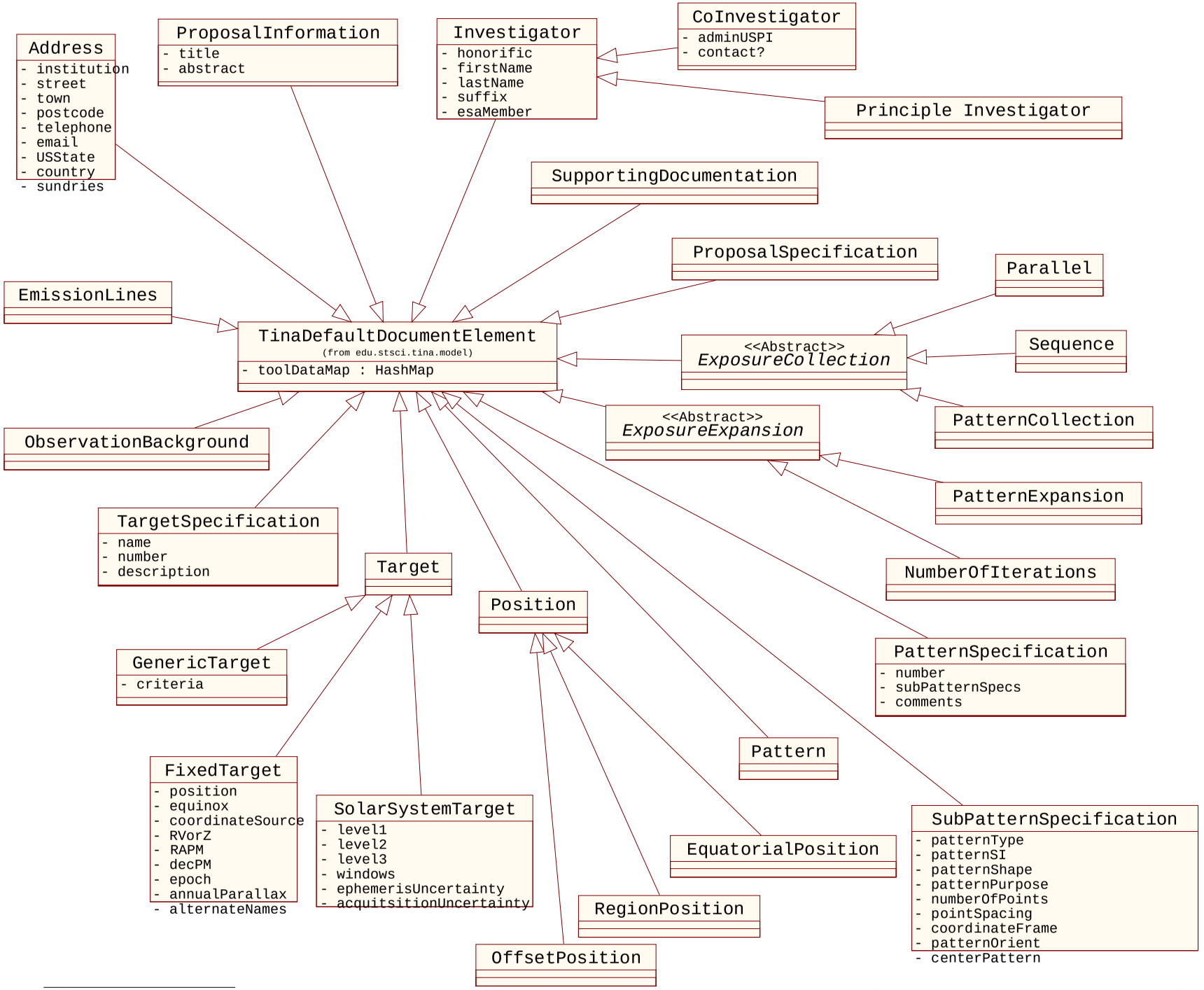
- thisCycleParallel
- nextCyclePrimary
- nextCycleParallel
- afterNextPrimary
- afterNextParallel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- town
- postcode
- telephone
- email
- USState
- country
- sundries
ProposalInformation
- title
- abstract
Investigator
- honorific
- firstName
- lastName
- suffix
- esaMember
CoInvestigator
- adminUSPI
- contact?
Principle Investigator
SupportingDocumentation
ProposalSpecification
Parallel
EmissionLines
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- toolDataMap : HashMap
<<Abstract>>
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Sequence
<<Abstract>>
ExposureExpansion
PatternCollection
ObservationBackground
PatternExpansion
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- number
- description
Target
NumberOfIterations
Position
PatternSpecification
- number
- subPatternSpecs
- comments
GenericTarget
- criteria
Pattern
FixedTarget
- position
- equinox
- coordinateSource
- RVorZ
- RAPM
- decPM
- epoch
- annualParallax
- alternateNames
SolarSystemTarget
- level1
- level2
- level3
- windows
- ephemerisUncertainty
- acquitsitionUncertainty
SubPatternSpecification
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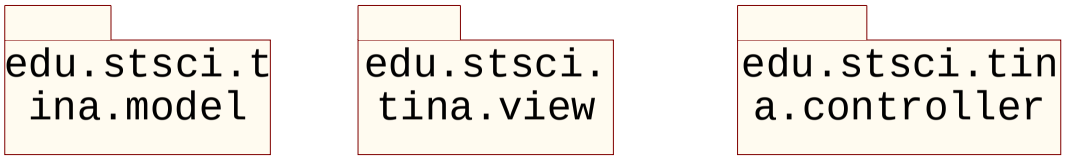
- patternPurpose
- numberOfPoints
- pointSpacing
- coordinateFrame
- patternOrient
- centerPattern
EquatorialPosition
RegionPosition
OffsetPosition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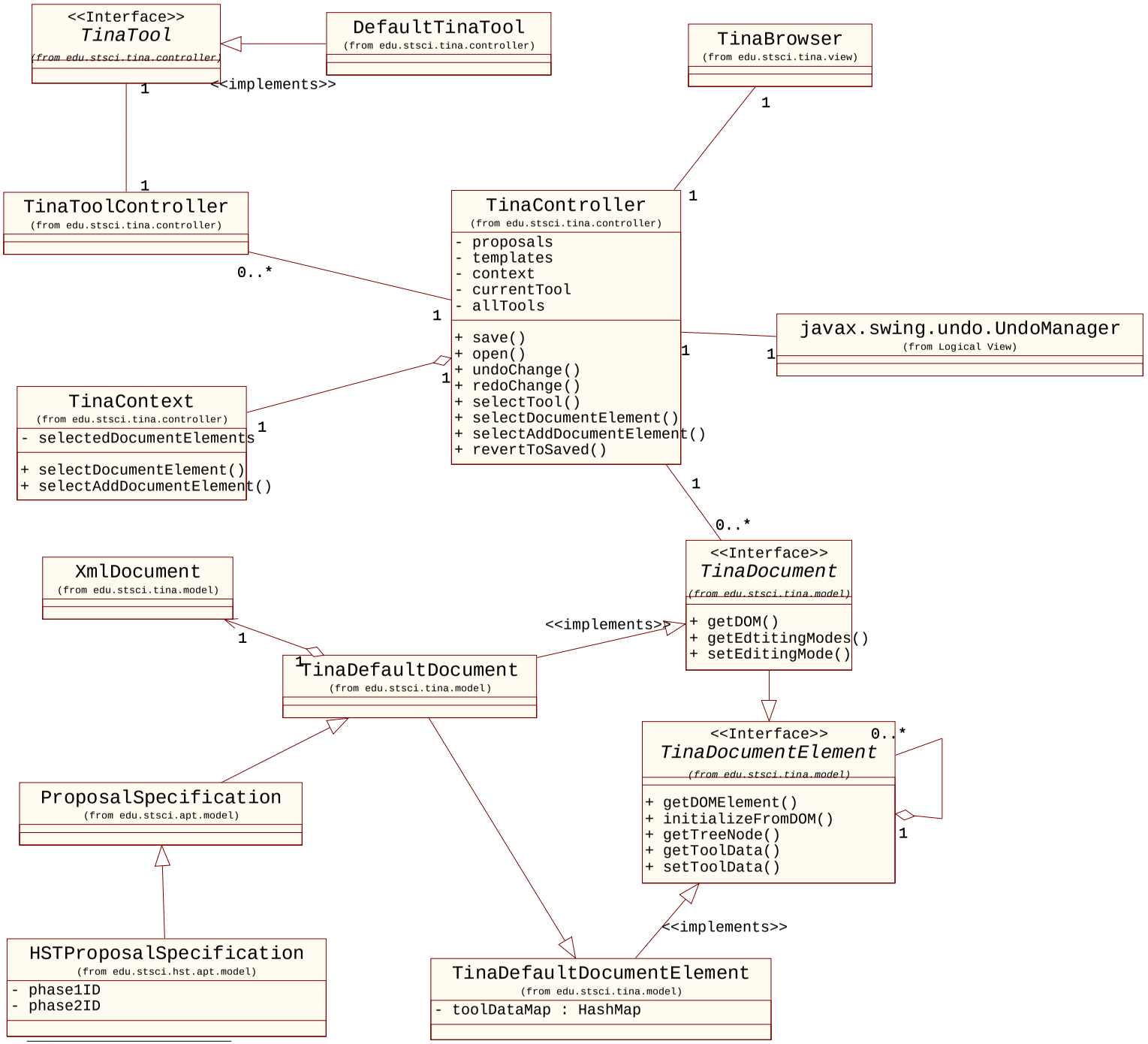
edu.stsci.tina.view
edu.stsci.tina.controller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DefaultTinaTool
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TinaToolController
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TinaController
(from edu.stsci.tina.controller)
- proposals
- templates
- context
- currentTool
- allTools
+ save()
+ open()
+ undoChange()
+ redoChange()
+ selectTool()
+ selectDocumentElement()
+ selectAddDocumentElement()
+ revertToSaved()
javax.swing.undo.UndoManager
(from Logical View)
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+ selectDocumentElement()
+ selectAddDocumentElement()
XmlDocument
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+ getDOM()
+ getEdtitingModes()
+ setEditingMode()
<<implements>>
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<<Interface>>
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(from edu.stsci.tina.model)
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+ initializeFromDOM()
+ getTreeNode()
+ getToolData()
+ setToolData()
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HSTProposalSpecification
(from edu.stsci.hst.apt.model)
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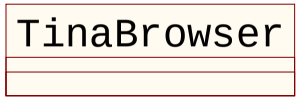
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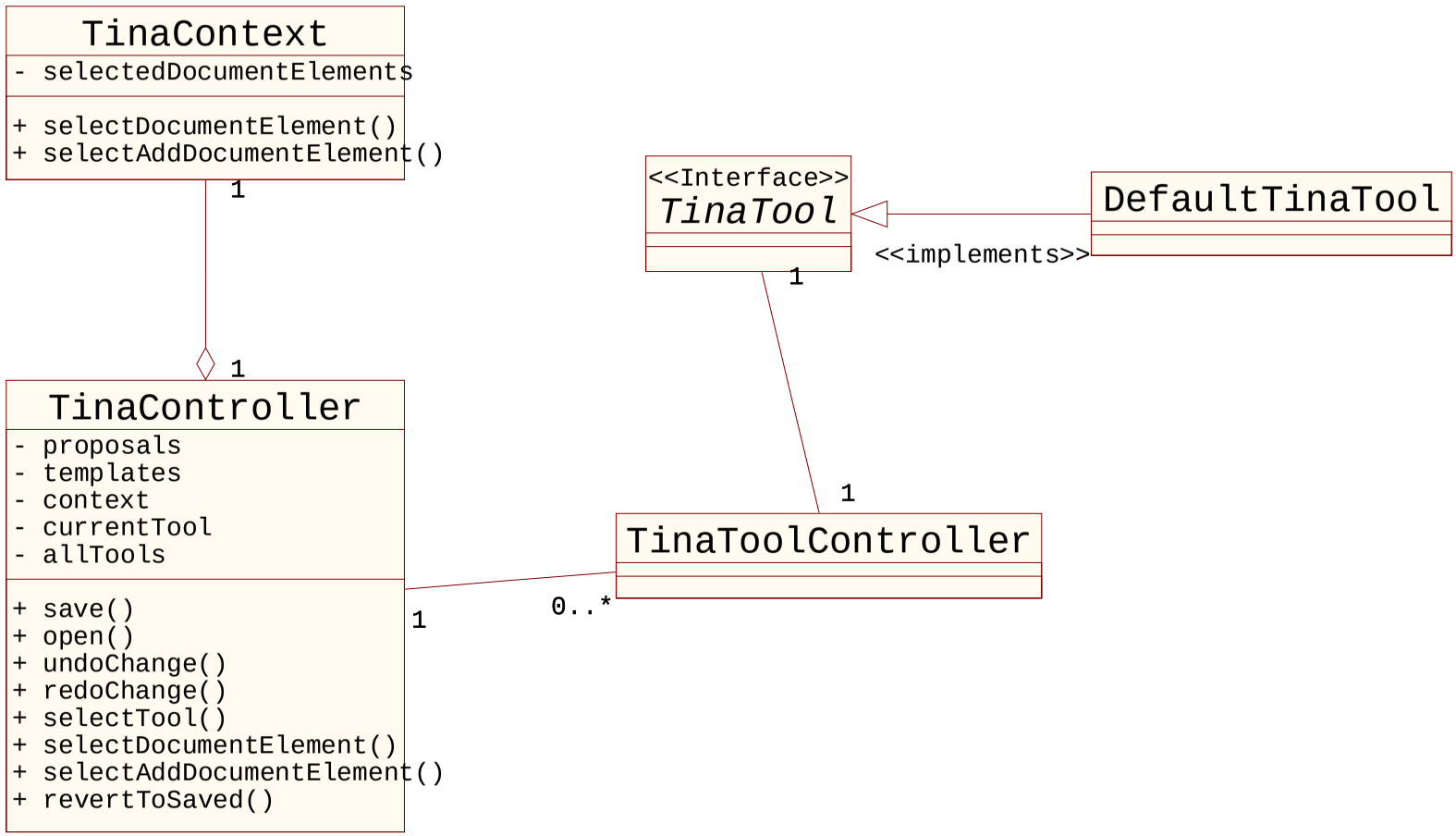
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+ selectDocumentElement()
+ selectAddDocumentElement()
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TinaTool
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DefaultTinaTool
TinaController
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- templates
- context
- currentTool
- allTools
+ save()
+ open()
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+ selectAddDocumentElement()
+ revertToSaved()
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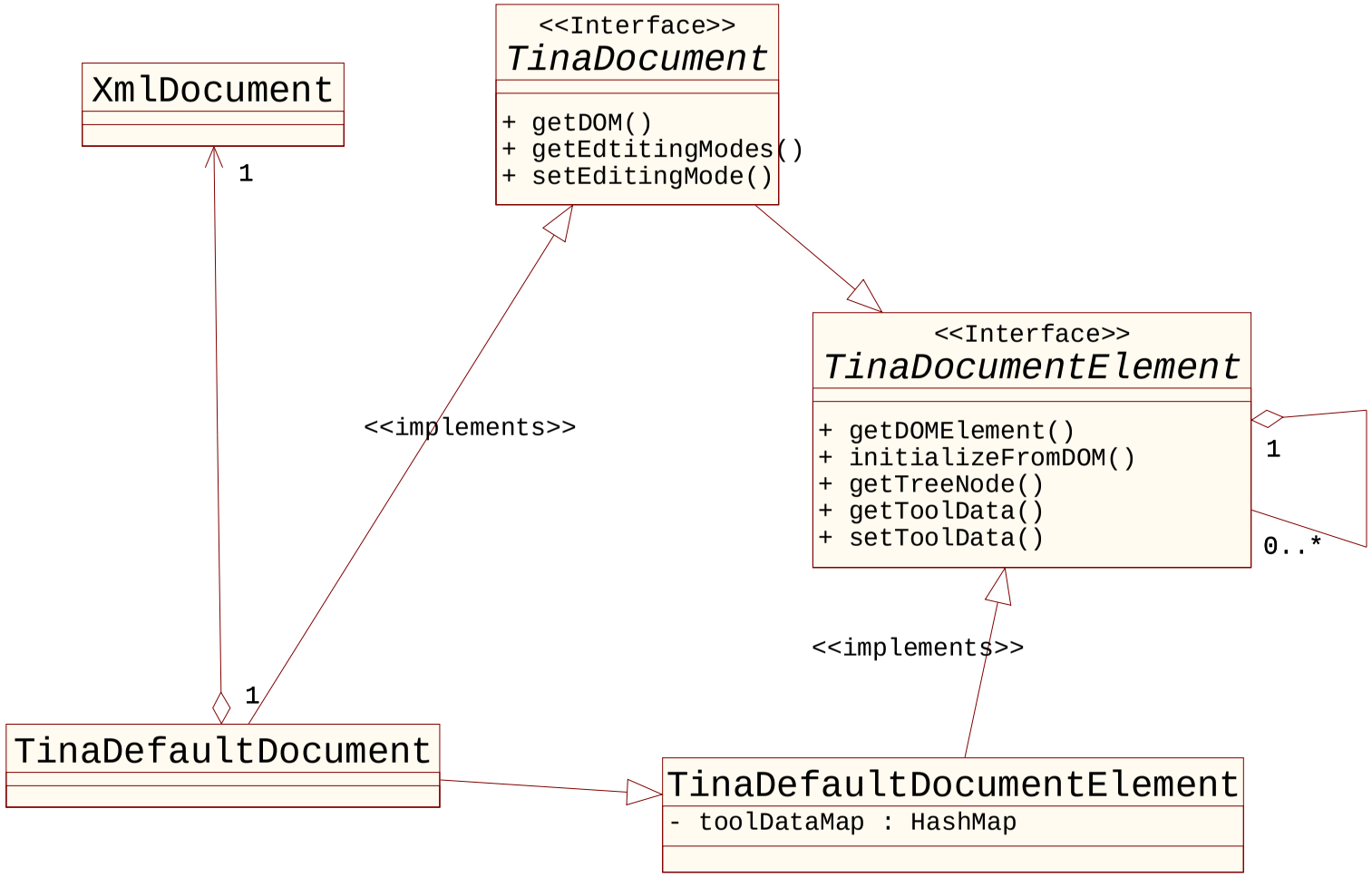
TinaToolController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+ setEditingMode()
XmlDocument
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+ initializeFromDOM()
+ getTreeNode()
+ getToolData()
+ setToolData()
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TinaDefaultDocument
TinaDefaultDocumentElement
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