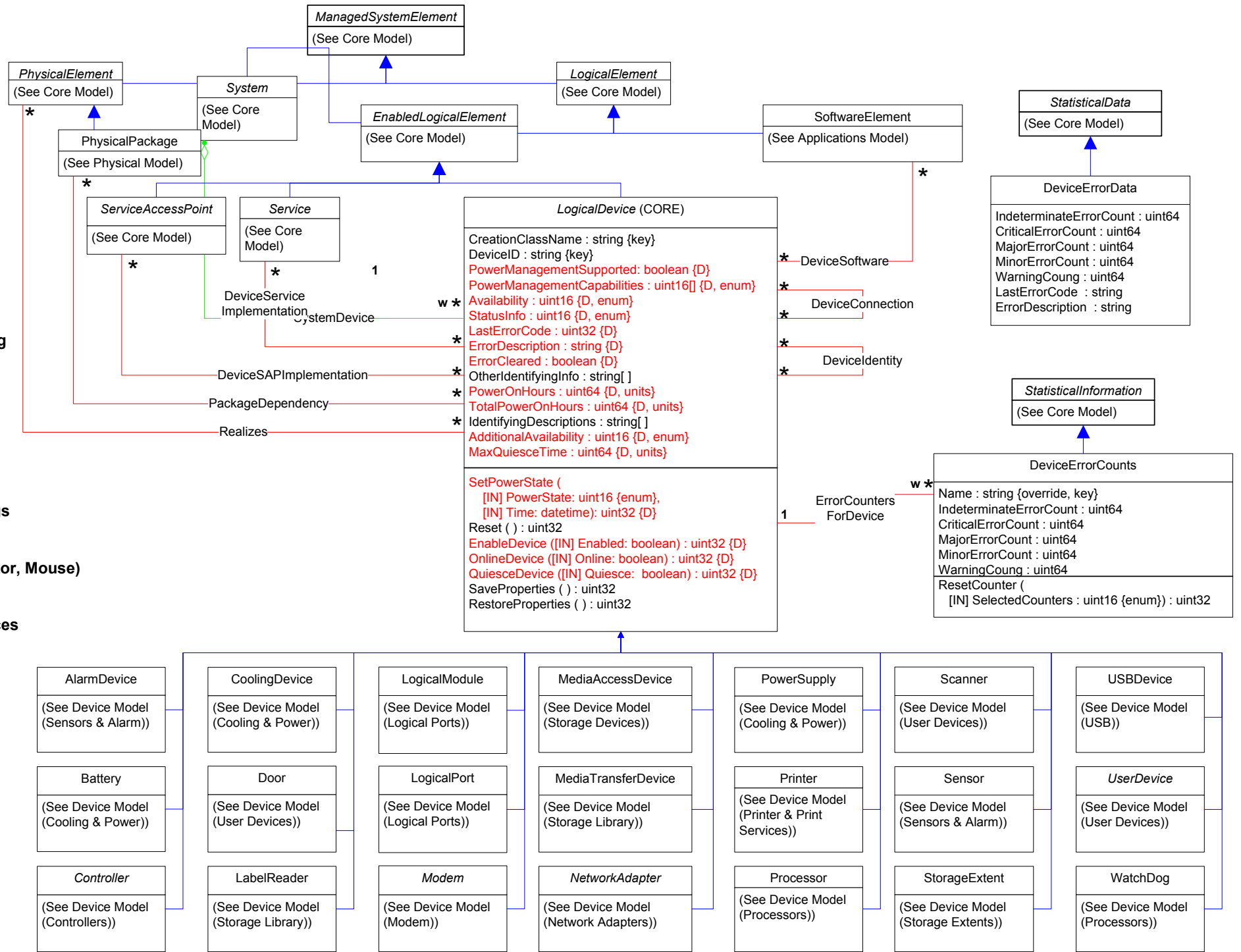
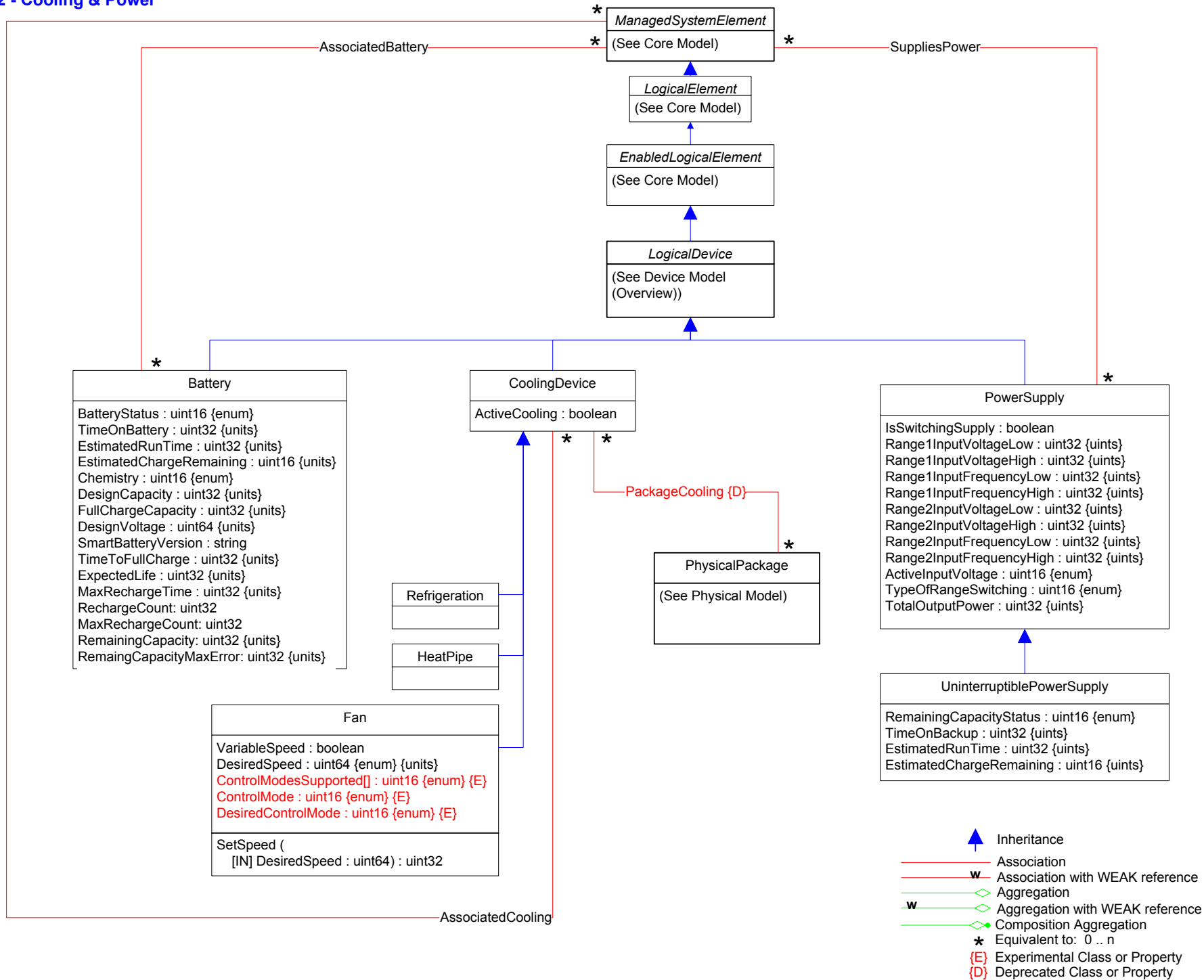









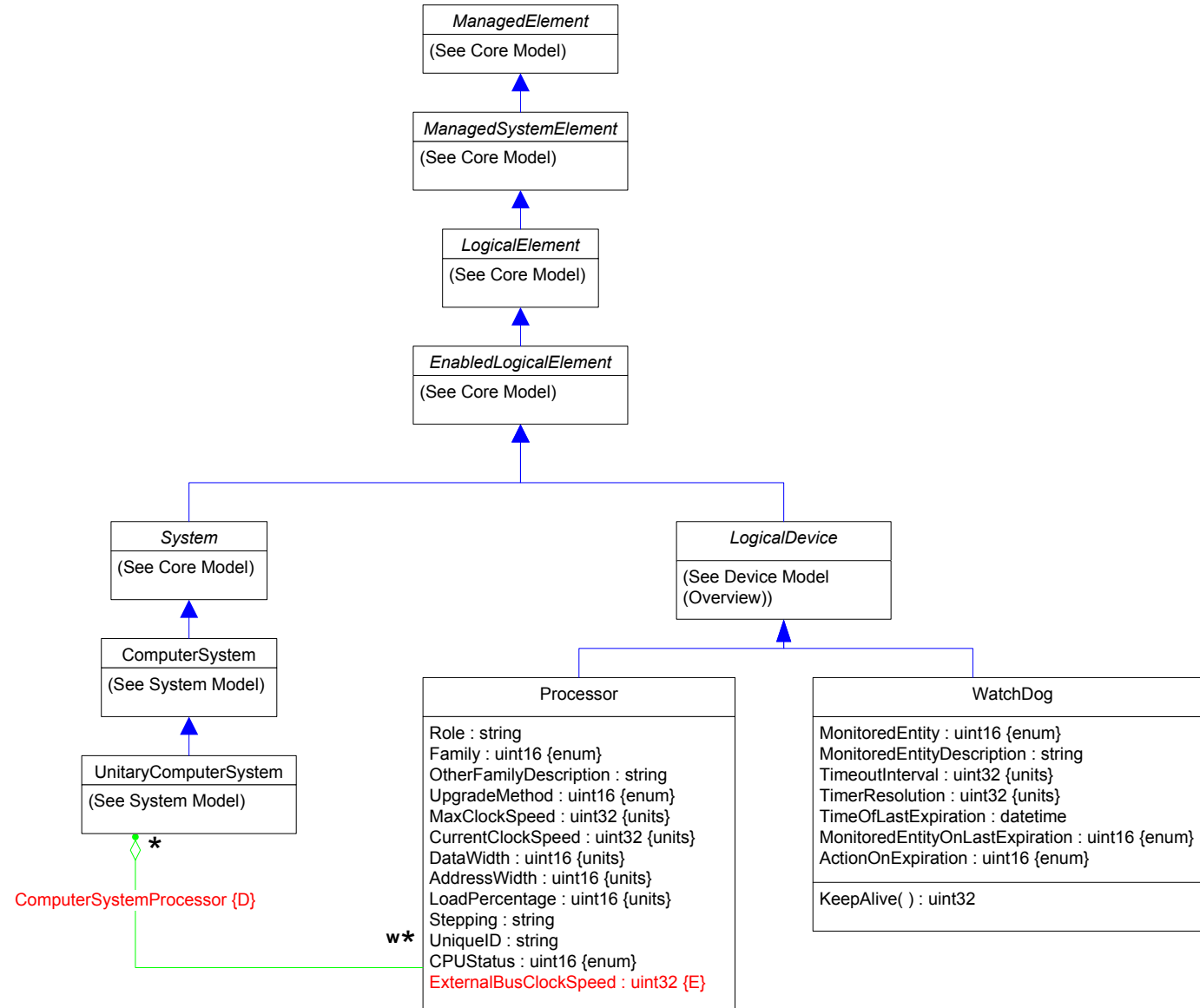


Page 1 - Overview
 Page 2 - Cooling & Power
 Page 3 - Processors
 Page 4 - Controllers
 Page 5 - Video Controllers
 Page 6 - PCI Controllers
 Page 7 - Logical Ports
 Page 8 - Ports 2
 Page 9 - Logical Port Group
 Page 10 - Protocol Controllers
 Page 11 - Network Adapters
 Page 12 - Fibre Channel
 Page 13 - Fibre Channel Services & Zoning
 Page 14 - InfiniBand
 Page 15 - Storage Devices
 Page 16 - Storage Multipath
 Page 17 - Storage Extents
 Page 18 - Storage Extents 2
 Page 19 - Storage Name Binding
 Page 20 - SCC Extent Model
 Page 21 - Storage Services
 Page 22 - Storage Capabilities and Settings
 Page 23 - Storage Statistics
 Page 24 - Storage Library
 Page 25 - User Devices (Keyboards, Monitor, Mouse)
 Page 26 - Memory
 Page 27 - Modems
 Page 28 - Printers, Print Jobs, Print Services
 Page 29 - Sensors & Alarm
 Page 30 - USB & Disk Group
 Page 31 - Device Sharing
 Page 32 - Dependency (1) [A - Ba]
 Page 33 - Dependency (2) [D - Pi]
 Page 34 - Dependency (3) [Po - S]
 Page 35 - Association Hierarchy
 Page 36 - Aggregation Hierarchy
 Page 37 - Association Deprecation
 Page 38 - Aggregation Deprecation












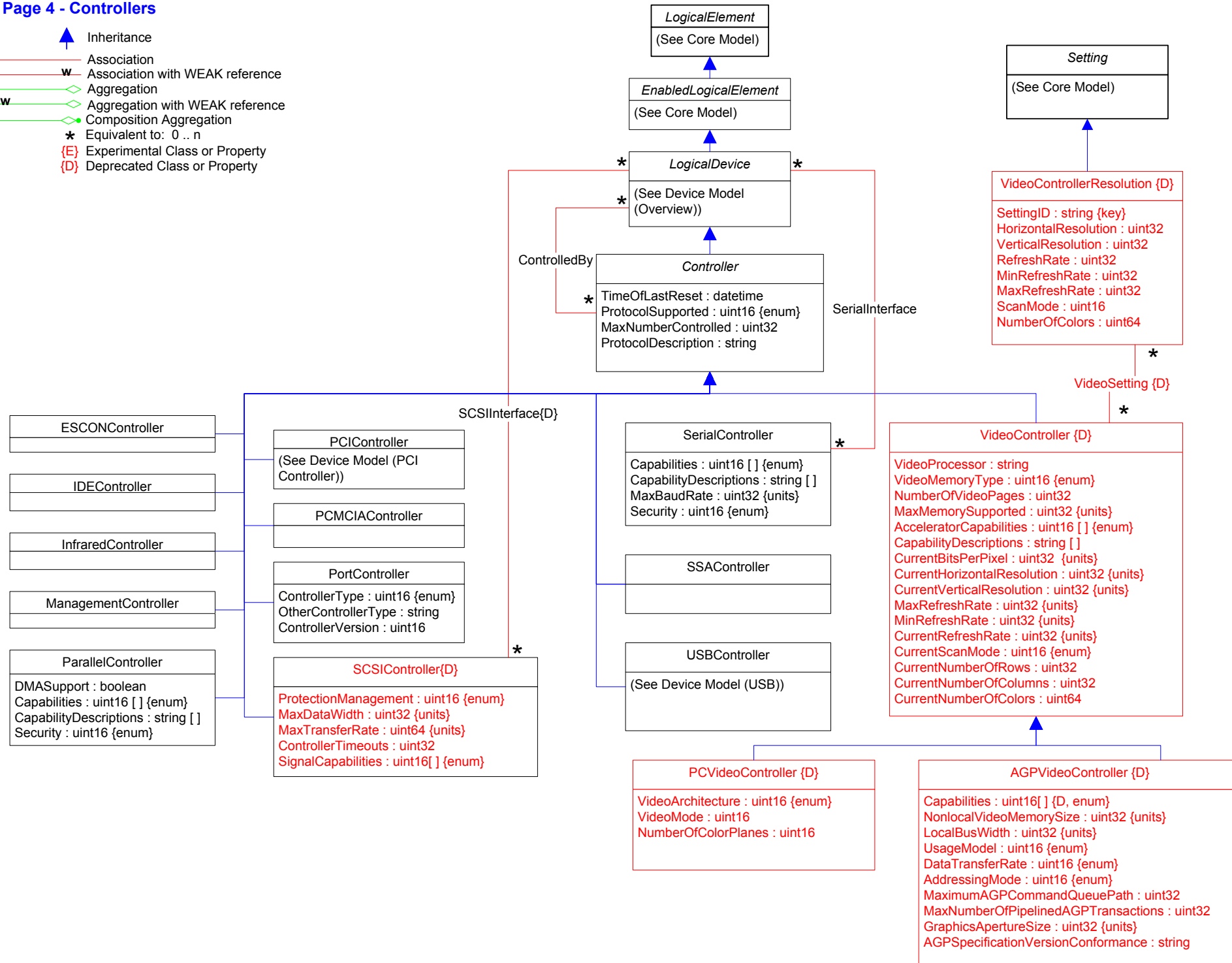


-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  Experimental Class or Property
-  Deprecated Class or Property












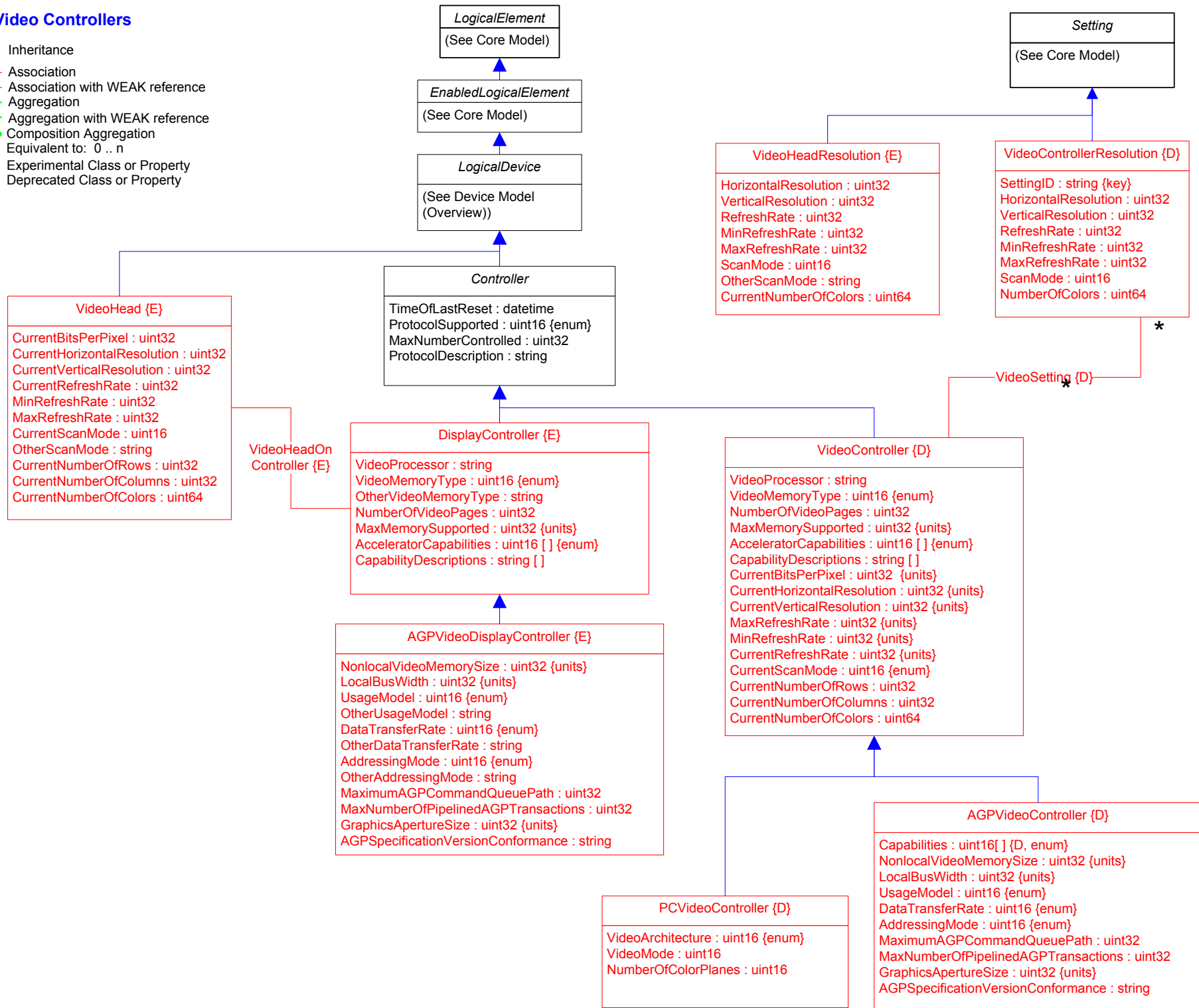
Page 4 - Controllers

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property

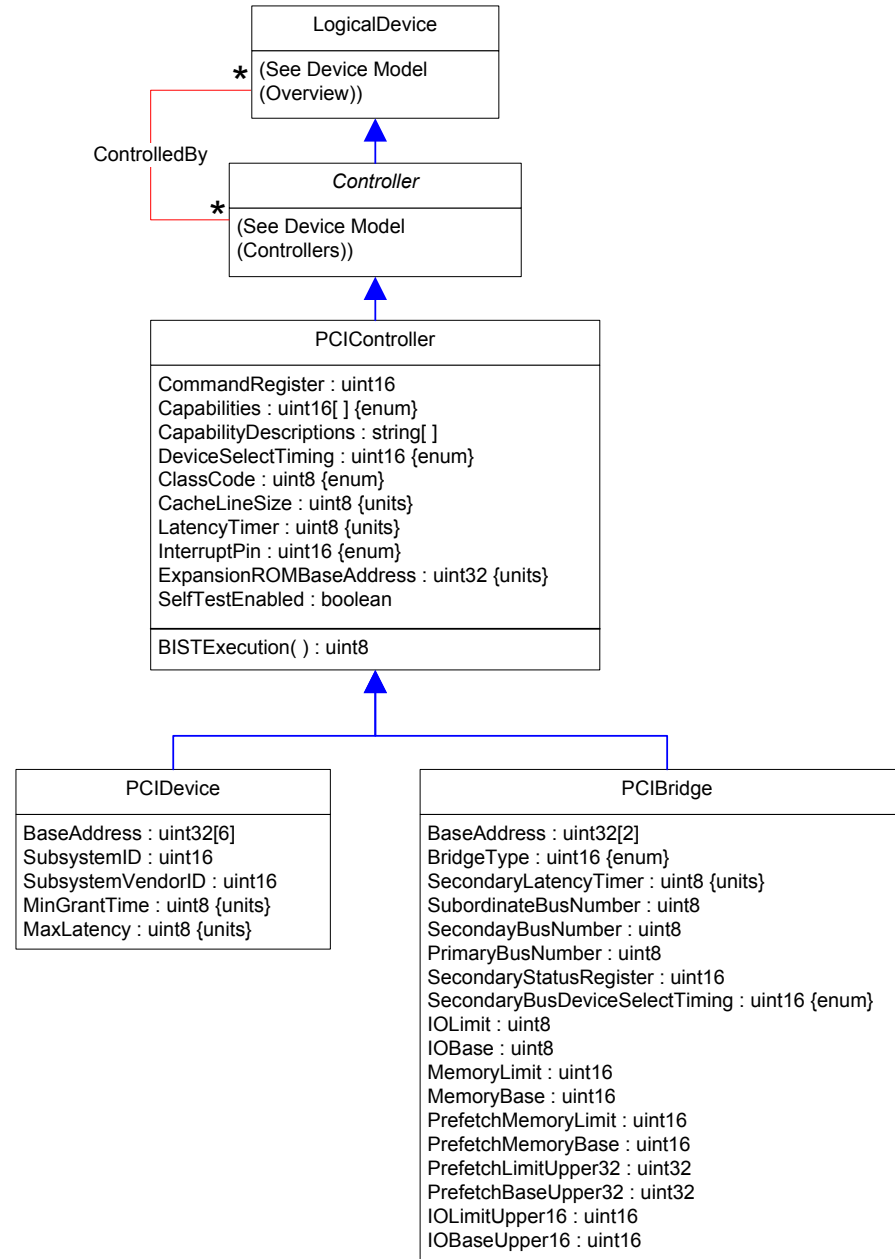
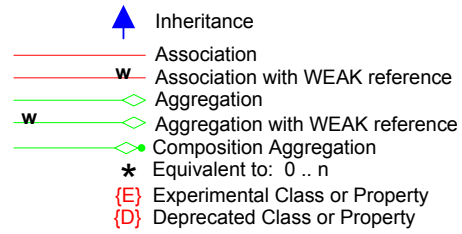


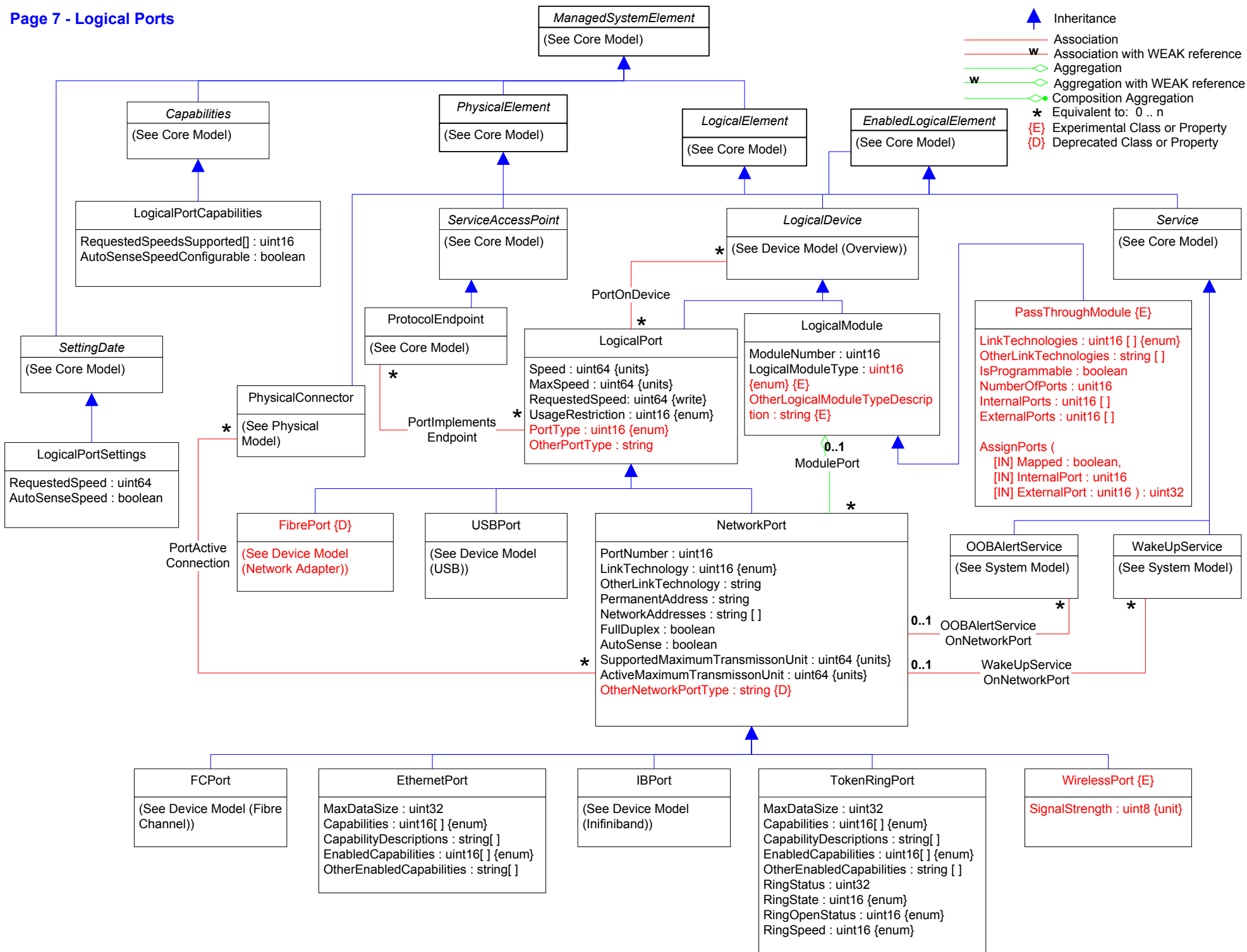
Page 5 – Video Controllers

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property



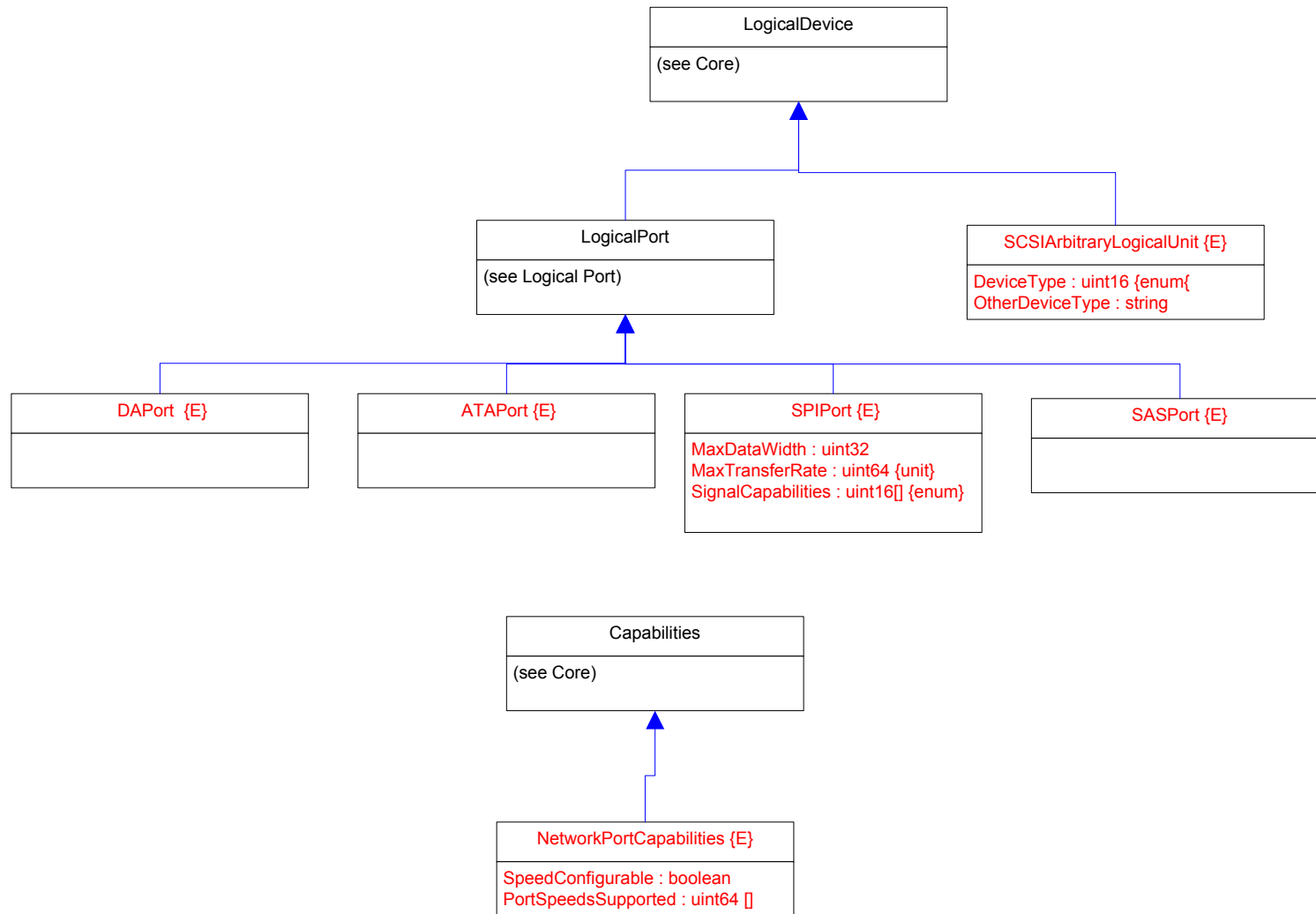
Page 6 - PCI Controllers






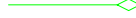
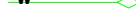






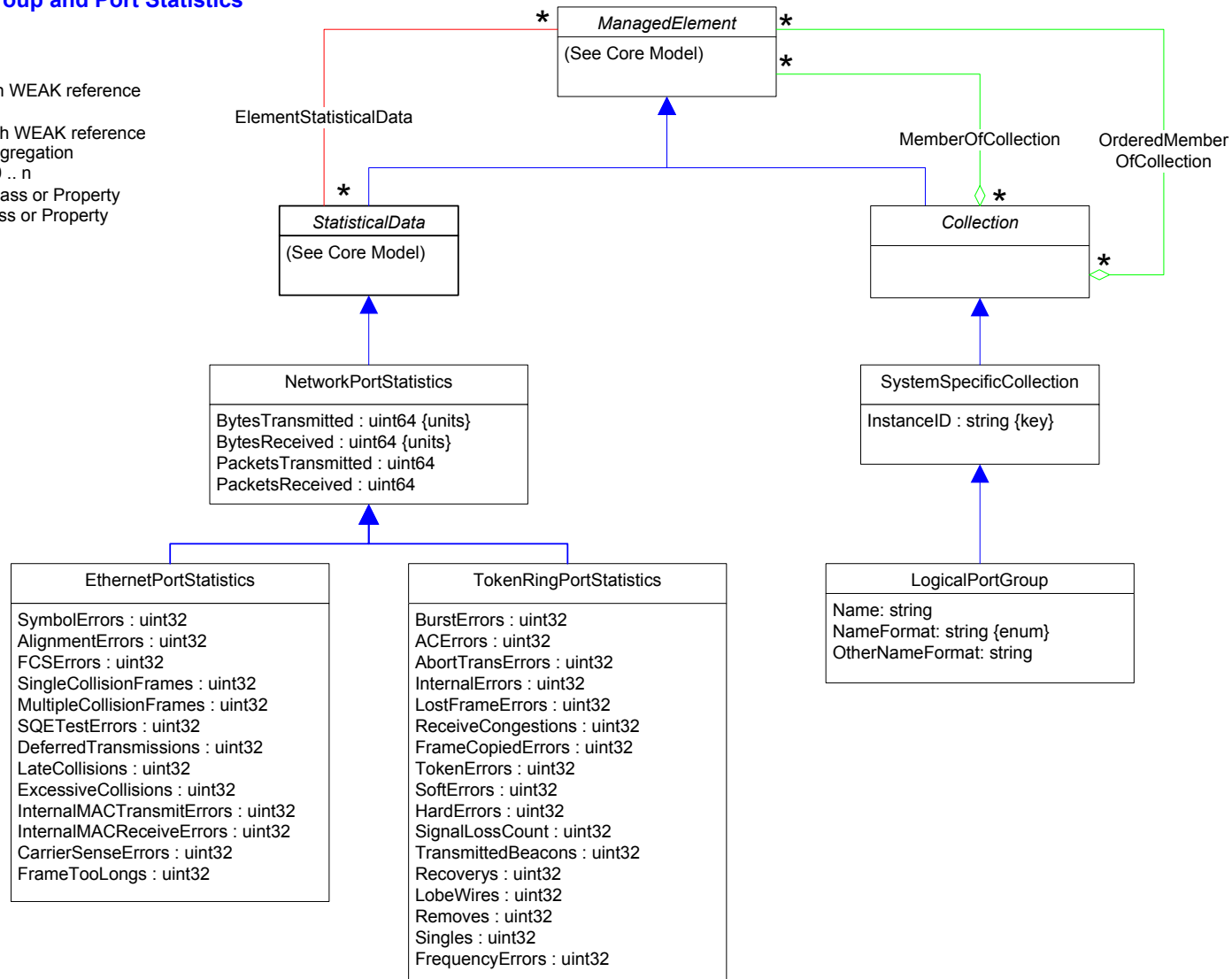
Page 8 – Ports 2

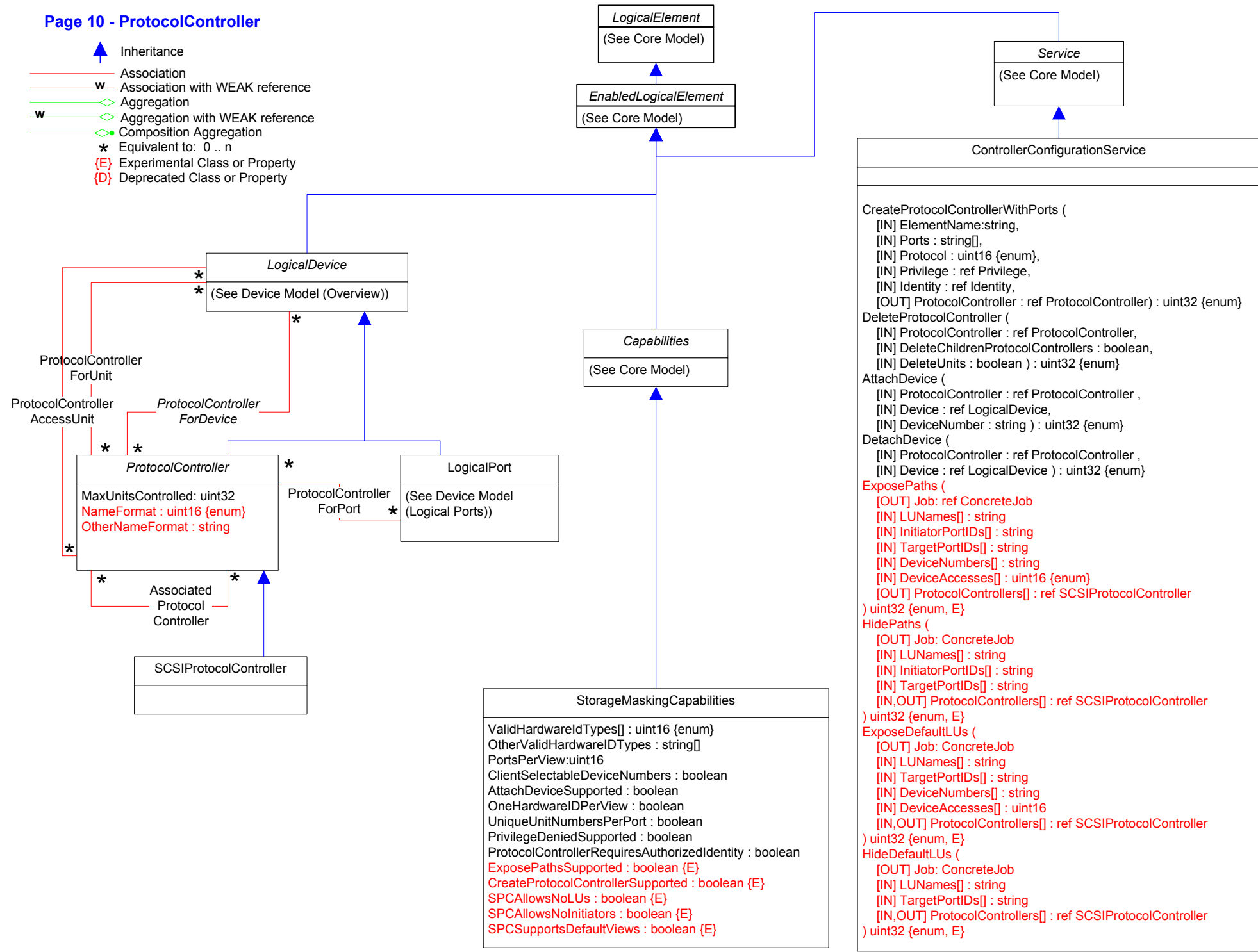
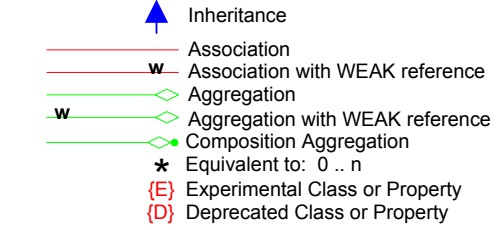
- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◇ Composition Aggregation
- ★ Equivalent to: 0 .. n
- {E} Experimental Class or Property
- {D} Deprecated Class or Property



Page 9 - Logical Port Group and Port Statistics

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property














```

ControllerConfigurationService

CreateProtocolControllerWithPorts (
  [IN] ElementName:string,
  [IN] Ports : string[],
  [IN] Protocol : uint16 {enum},
  [IN] Privilege : ref Privilege,
  [IN] Identity : ref Identity,
  [OUT] ProtocolController : ref ProtocolController) : uint32 {enum}
DeleteProtocolController (
  [IN] ProtocolController : ref ProtocolController,
  [IN] DeleteChildrenProtocolControllers : boolean,
  [IN] DeleteUnits : boolean ) : uint32 {enum}
AttachDevice (
  [IN] ProtocolController : ref ProtocolController ,
  [IN] Device : ref LogicalDevice,
  [IN] DeviceNumber : string ) : uint32 {enum}
DetachDevice (
  [IN] ProtocolController : ref ProtocolController ,
  [IN] Device : ref LogicalDevice ) : uint32 {enum}
ExposePaths (
  [OUT] Job: ref ConcreteJob
  [IN] LUNames[] : string
  [IN] InitiatorPortIDs[] : string
  [IN] TargetPortIDs[] : string
  [IN] DeviceNumbers[] : string
  [IN] DeviceAccesses[] : uint16 {enum}
  [OUT] ProtocolControllers[] : ref SCSIProtocolController
) : uint32 {enum, E}
HidePaths (
  [OUT] Job: ConcreteJob
  [IN] LUNames[] : string
  [IN] InitiatorPortIDs[] : string
  [IN] TargetPortIDs[] : string
  [IN,OUT] ProtocolControllers[] : ref SCSIProtocolController
) : uint32 {enum, E}
ExposeDefaultLUs (
  [OUT] Job: ConcreteJob
  [IN] LUNames[] : string
  [IN] TargetPortIDs[] : string
  [IN] DeviceNumbers[] : string
  [IN] DeviceAccesses[] : uint16
  [IN,OUT] ProtocolControllers[] : ref SCSIProtocolController
) : uint32 {enum, E}
HideDefaultLUs (
  [OUT] Job: ConcreteJob
  [IN] LUNames[] : string
  [IN] TargetPortIDs[] : string
  [IN,OUT] ProtocolControllers[] : ref SCSIProtocolController
) : uint32 {enum, E}
  
```

Page 11 - Network Adapters

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n
-  Experimental Class or Property
-  Deprecated Class or Property

FCAdapterEventCounters {D}

ABTSFramesReceived : uint64
 ABTSFramesSent : uint64
 FBSYsReceived : uint64
 PBSYsReceived : uint64
 PBSYsSent : uint64
 FRJTsReceived : uint64
 PRJTsReceived : uint64
 PRJTsSent : uint64
 PRLsRejected : uint64
 PRLOsRejected : uint64
 ABTSFramesRejected : uint64

ResetCounter ([IN] SelectedCounter : uint16) : uint32

FibrePortEventCounters {D}

PLOGIsReceived : uint64
 PLOGIsSent : uint64
 EOFAbortsReceived : uint64
 EOFAbortsTransmitted : uint64
 PLOGOsReceived : uint64
 PLOGOsSent : uint64
 PLOGIsRejected : uint64
 PLOGOsRejected : uint64

ResetCounter ([IN] SelectedCounter : uint16) : uint32

DeviceStatistical Information
 (See Core Model)

LogicalPort
 (See Device Model (Logical Port))

FibrePort {D}

AddressIdentifier : uint32
 SupportedPortTypes : uint16[]
 PortTypeVersions : string[]
 EnabledPortTypes : uint16[]
 EnabledVersions : string[]
 CurrentPortType : uint16
 CurrentVersion : string
 AliasAddresses : uint32[]
 LossOfSignalCounter : uint64
 LossOfSyncCounter : uint64
 CRCErrors : uint64
 InvalidTransmissionWords : uint64
 FramesTooShort : uint64
 FramesTooLong : uint64
 ElasticityBufferUnderruns : uint64
 ElasticityBufferOverruns : uint64
 ReceiverTransmitterTimeout : uint64
 BypassedState : uint16
 ConnectedMedia : uint16

FibrePort ActiveLogin {D}

FibreChannelAdapter {D}

MaxFrameSize : uint64
 SupportedCOS : uint16[]
 FC4TypesSupported : uint16[]
 FC4VendorUniqueTypes : uint16[]
 CurrentFC4Types : uint16[]
 CurrentFC4VendorTypes : uint16[]
 Capabilities : uint16[]
 CapabilityDescriptions : string[]
 ReceiveBufferErrors : uint64
 ReceiveEndErrors : uint64
 ResourceAllocationTimeout : uint64
 ErrorDetectTimeout : uint64
 Class1SequencesSent : uint64
 Class2SequencesSent : uint64
 Class3SequencesSent : uint64
 Class4SequencesSent : uint64
 Class2OctetsReceived : uint64
 Class2OctetsTransmitted : uint64
 Class2FramesReceived : uint64
 Class2FramesTransmitted : uint64
 Class2DiscardFrames : uint64
 Class3OctetsReceived : uint64
 Class3OctetsTransmitted : uint64
 Class3FramesReceived : uint64
 Class3FramesTransmitted : uint64
 Class3DiscardFrames : uint64
 ParityErrors : uint64
 FrameTimeouts : uint64
 BufferCreditErrors : uint64
 EndCreditErrors : uint64
 OutOfOrderFramesReceived : uint64

PhysicalConnector
 (See Physical Model)

NetworkAdapter {D}

PermanentAddress : string
 NetworkAddresses : string []
 Speed : uint64
 MaxSpeed : uint64
 FullDuplex : boolean
 AutoSense : boolean
 OctetsTransmitted : uint64
 OctetsReceived : uint64

EthernetAdapter {D}

MaxDataSize : uint32
 Capabilities : uint16[] {enum}
 CapabilityDescriptions : string[]
 EnabledCapabilities : uint16[] {enum}
 SymbolErrors : uint32
 TotalPacketsTransmitted : uint64
 TotalPacketsReceived : uint64
 AlignmentErrors : uint32
 FCSErrors : uint32
 SingleCollisionFrames : uint32
 MultipleCollisionFrames : uint32
 SQETestErrors : uint32
 DeferredTransmissions : uint32
 LateCollisions : uint32
 ExcessiveCollisions : uint32
 InternalMACTransmitErrors : uint32
 InternalMACReceiveErrors : uint32
 CarrierSenseErrors : uint32
 FrameTooLongs : uint32

TokenRingAdapter {D}

MaxDataSize : uint32
 Capabilities : uint16[] {enum}
 CapabilityDescriptions : string[]
 EnabledCapabilities : uint16[] {enum}
 RingStatus : uint32
 RingState : uint16
 RingOpenStatus : uint16
 RingSpeed : uint16
 BurstErrors : uint32
 ACErrors : uint32
 AbortTransErrors : uint32
 InternalErrors : uint32
 LostFrameErrors : uint32
 ReceiveCongestions : uint32
 FrameCopiedErrors : uint32
 TokenErrors : uint32
 SoftErrors : uint32
 HardErrors : uint32
 SignalLossCount : uint32
 TransmittedBeacons : uint32
 Recoverys : uint32
 LobeWires : uint32
 Removes : uint32
 Singles : uint32
 FrequencyErrors : uint32

EnabledLogicalElement
 (See Core Model)

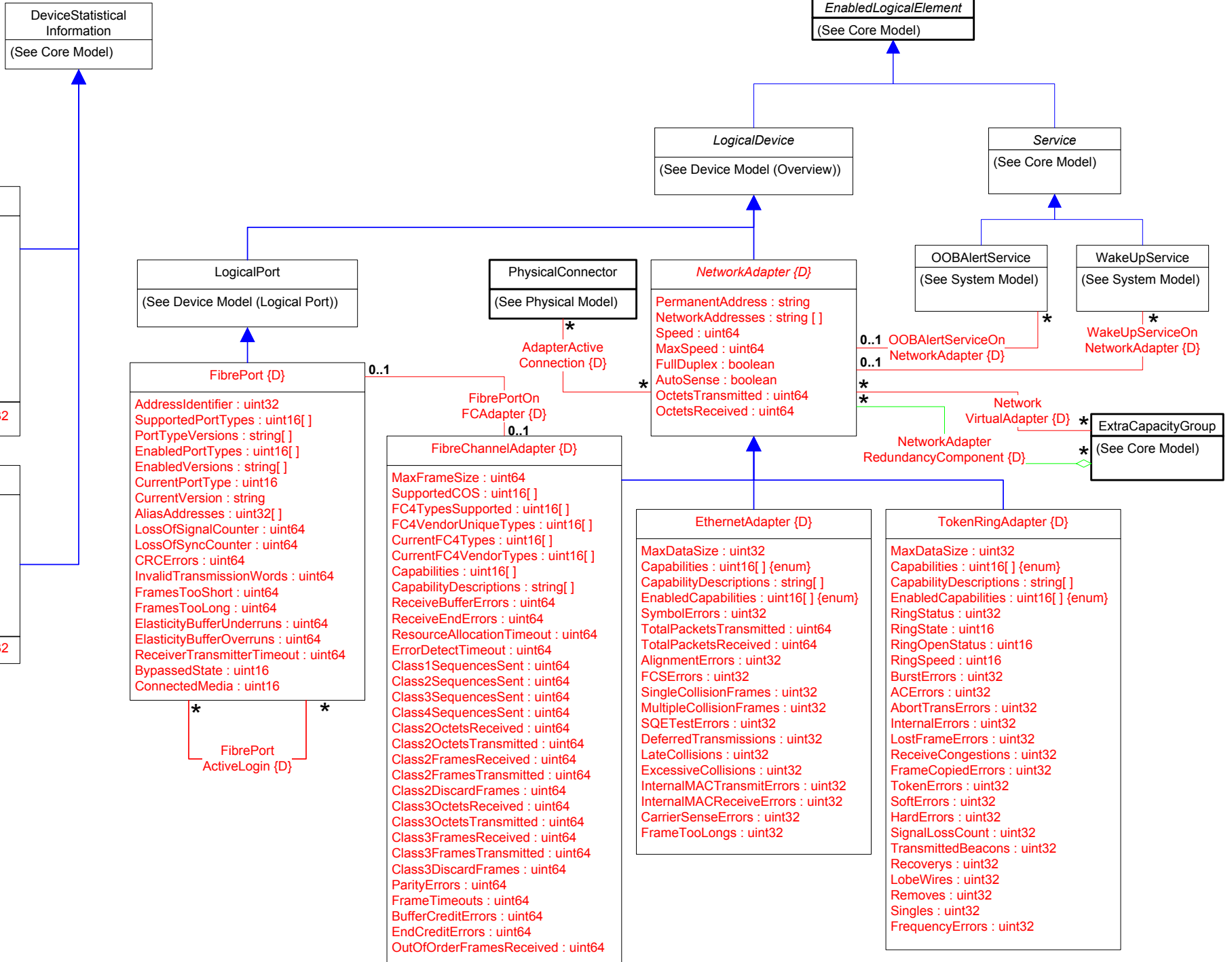
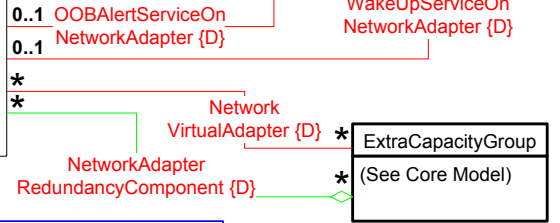
LogicalDevice
 (See Device Model (Overview))

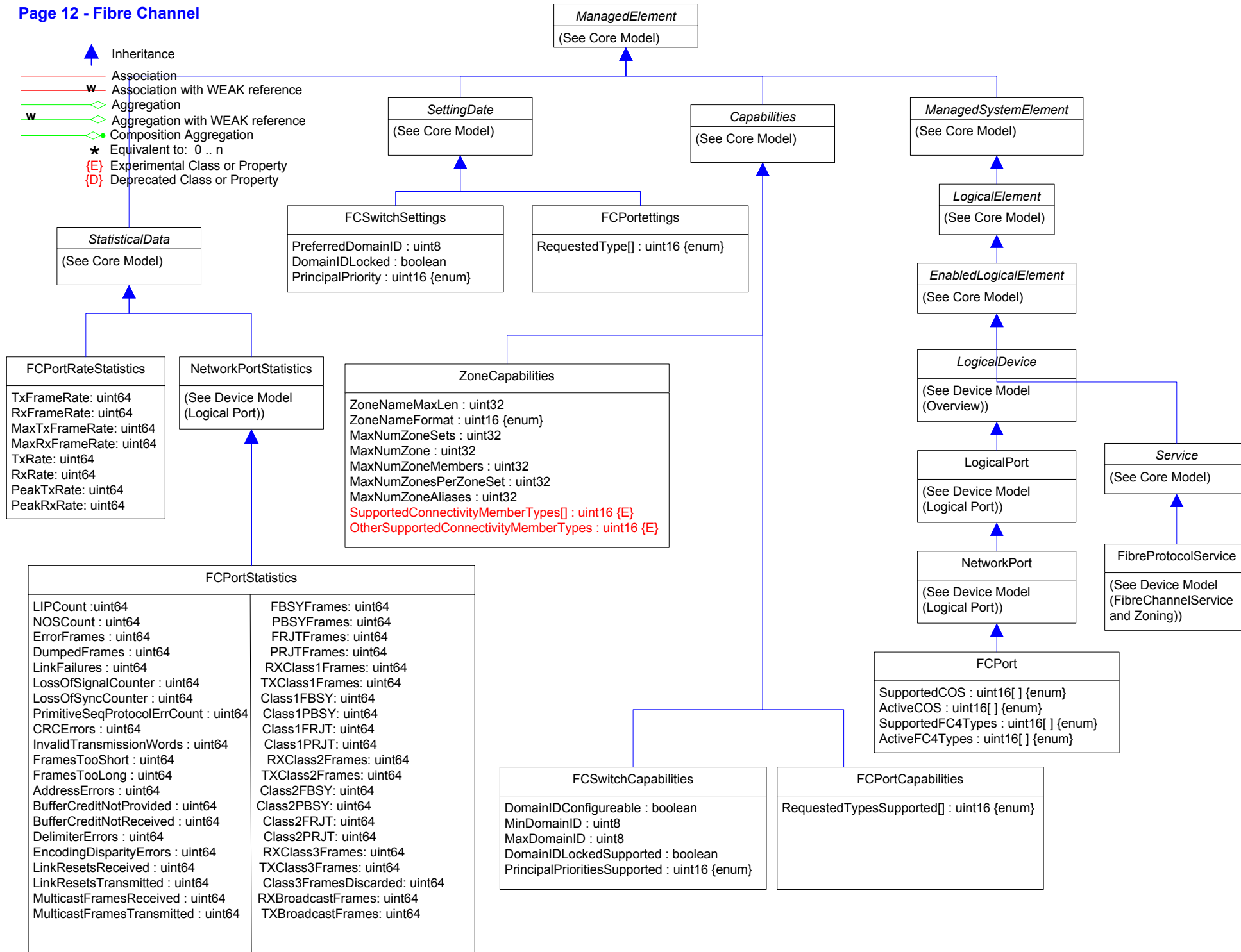
Service
 (See Core Model)










OoBAAlertService
 (See System Model)

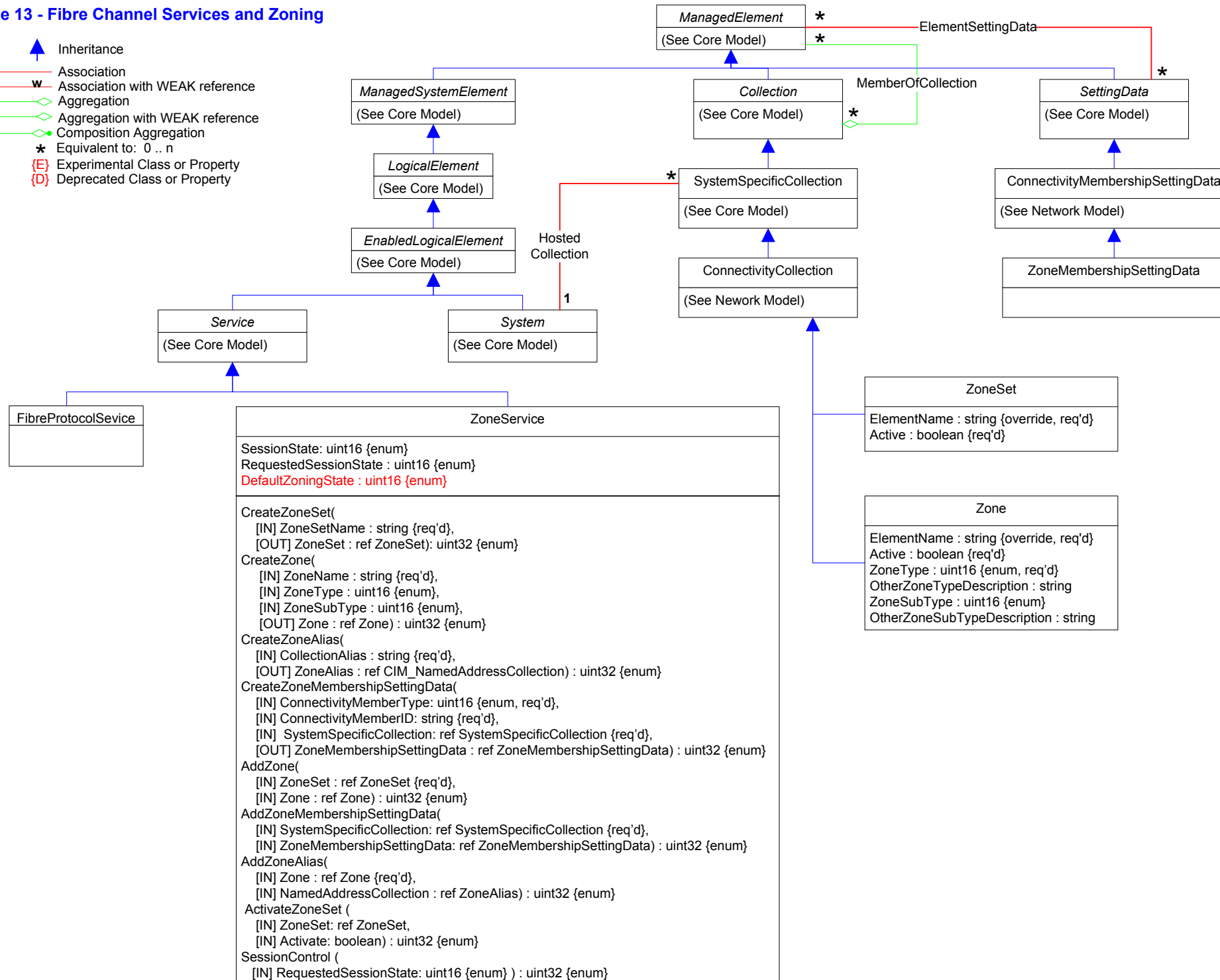
WakeUpService
 (See System Model)

ExtraCapacityGroup
 (See Core Model)



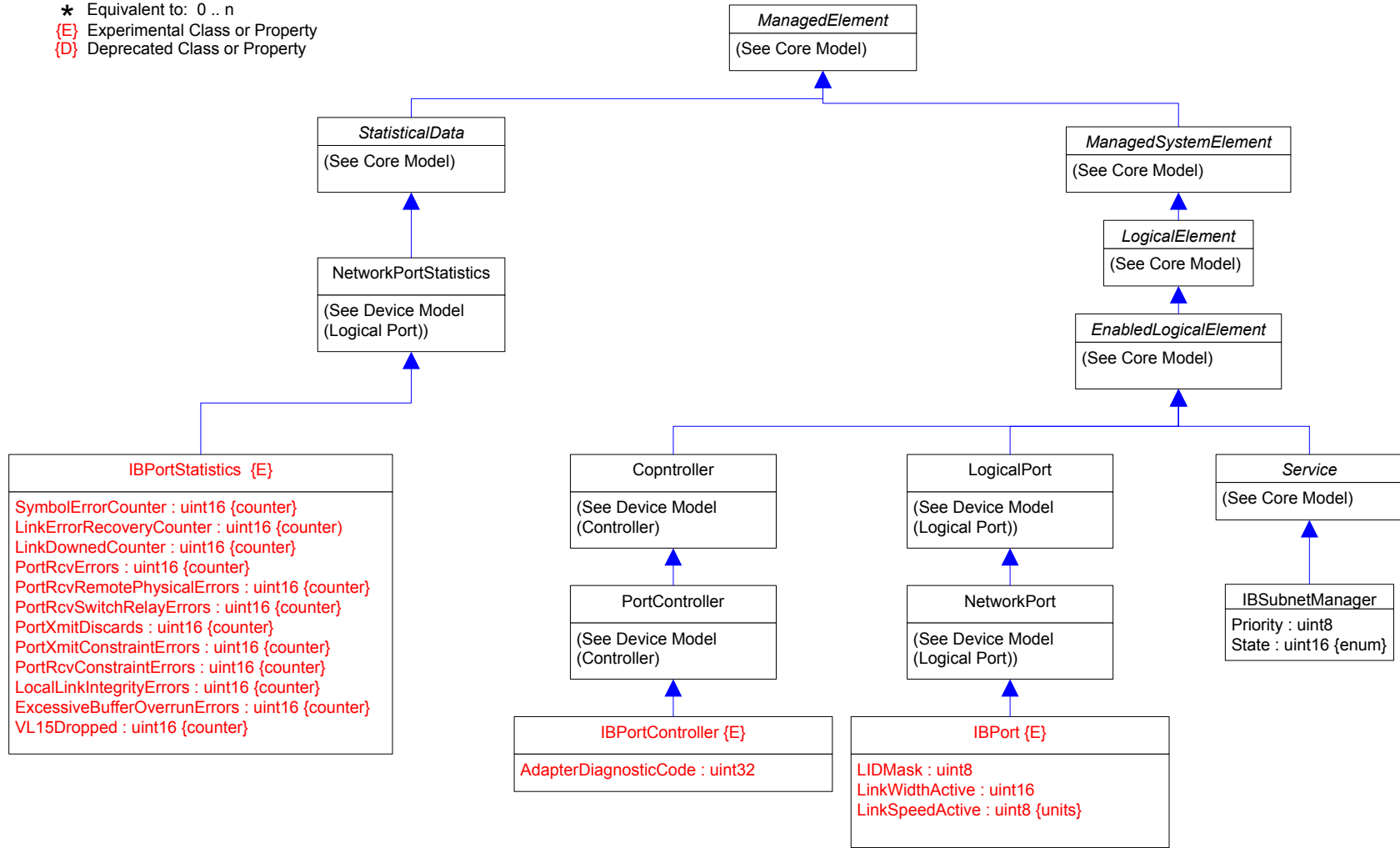


-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property



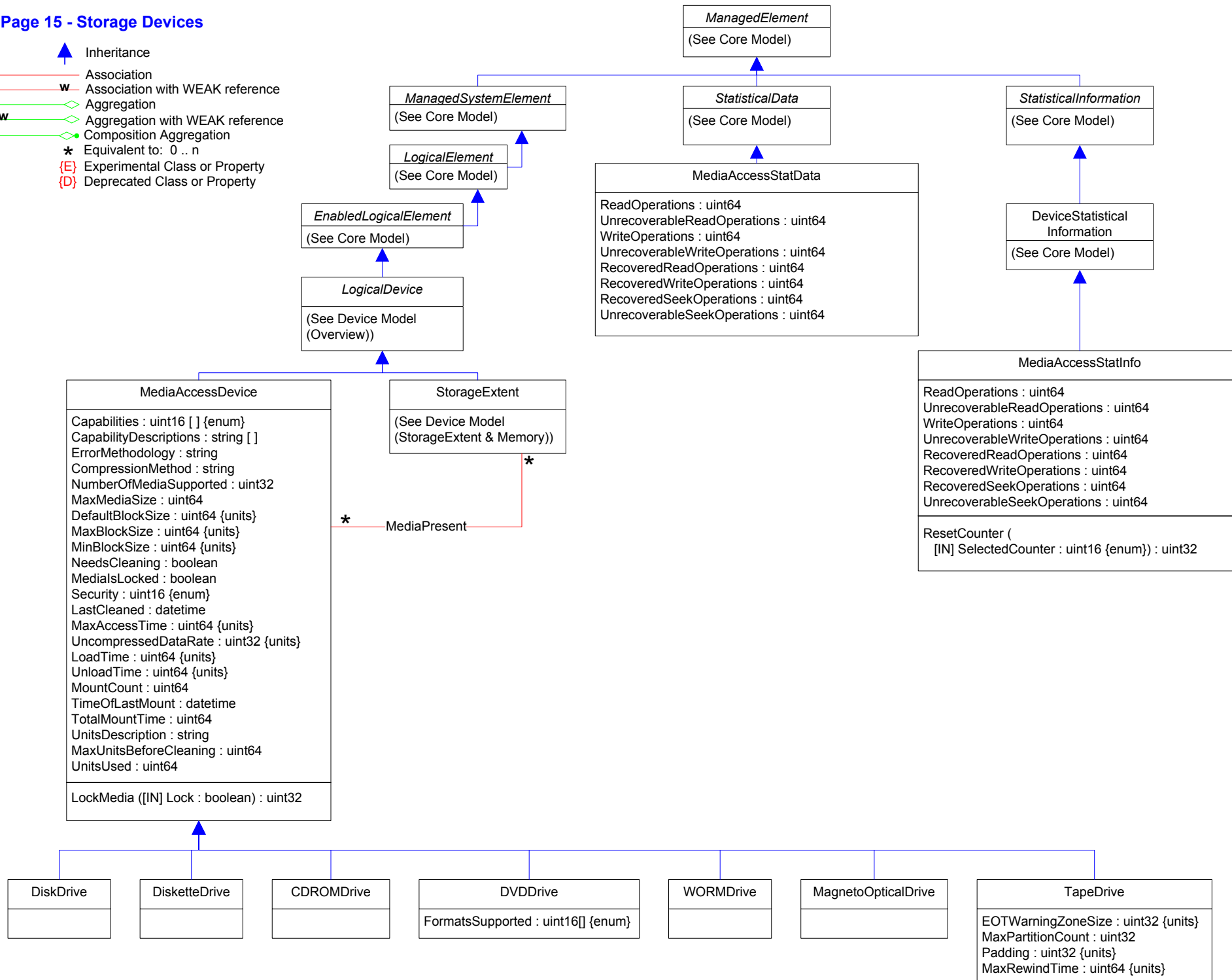
Page 14 - Infiniband

- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◇ Composition Aggregation
- ★ Equivalent to: 0 .. n
- {E} Experimental Class or Property
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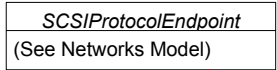
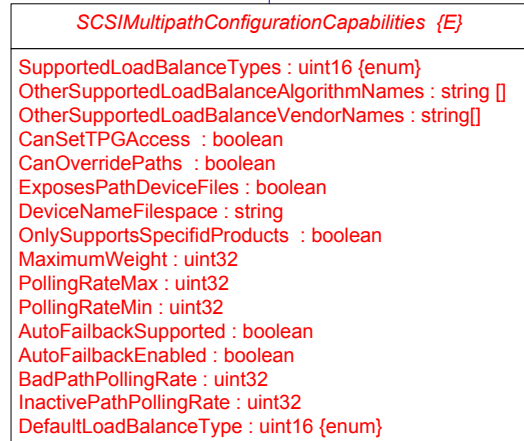
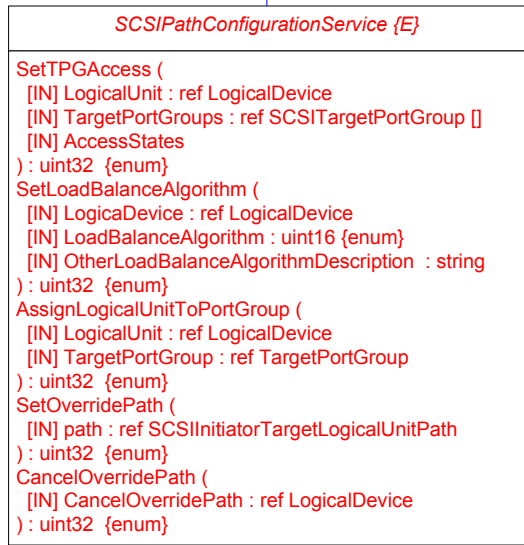
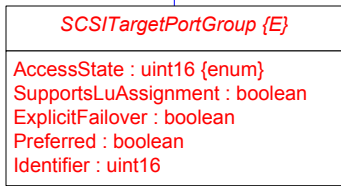
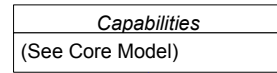
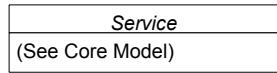
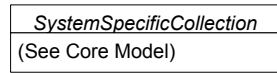
Page 15 - Storage Devices

- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w Aggregation with WEAK reference
- ◇ Composition Aggregation
- ★ Equivalent to: 0 .. n
- {E} Experimental Class or Property
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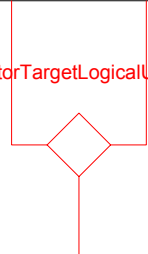
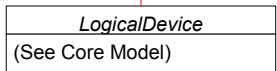


Page 16 - Storage Mutipath




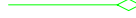
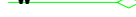




-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
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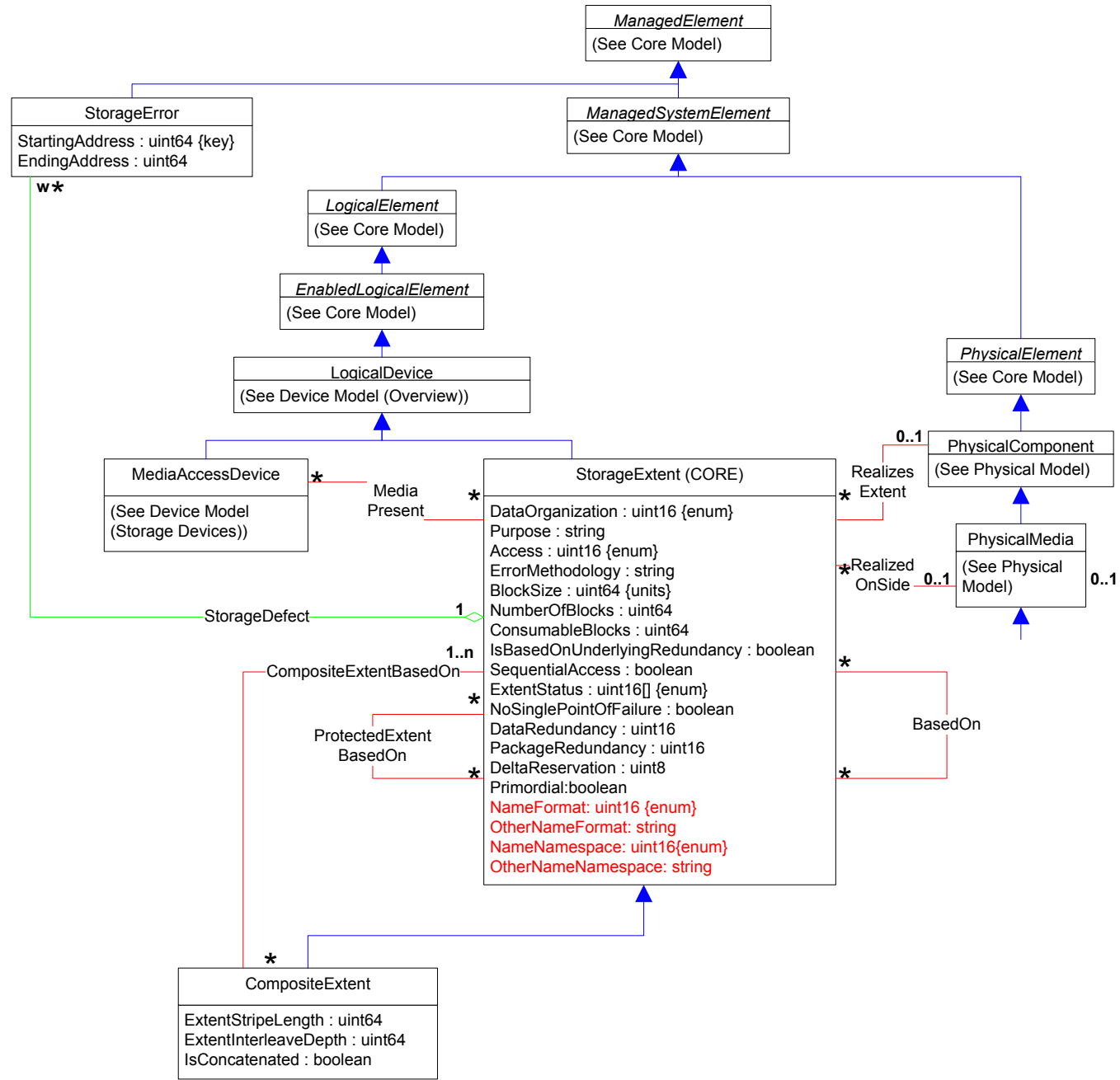


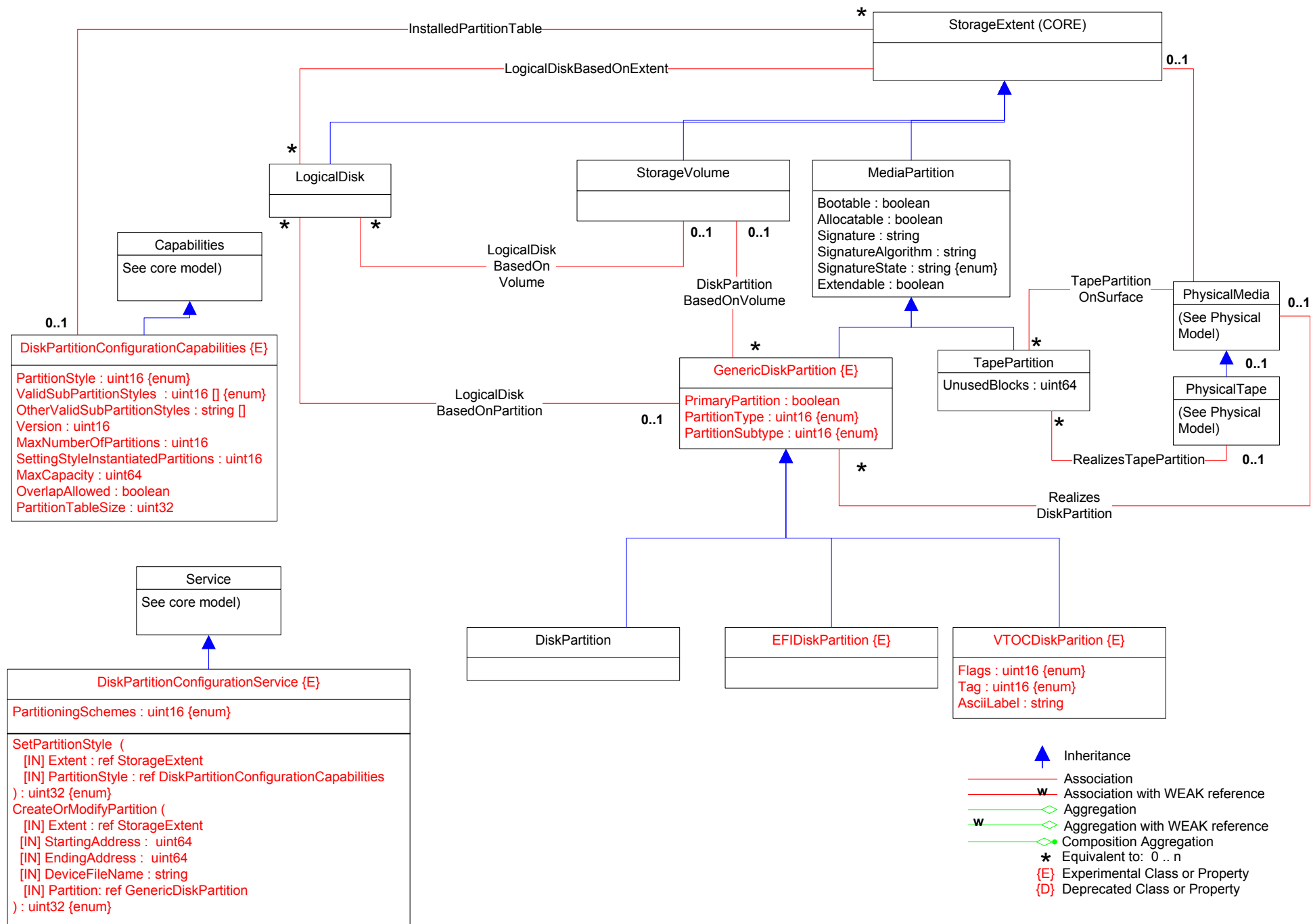
SCSIIInitiatorTargetLogicalUnitPath {E}












Page 17- StorageExtent

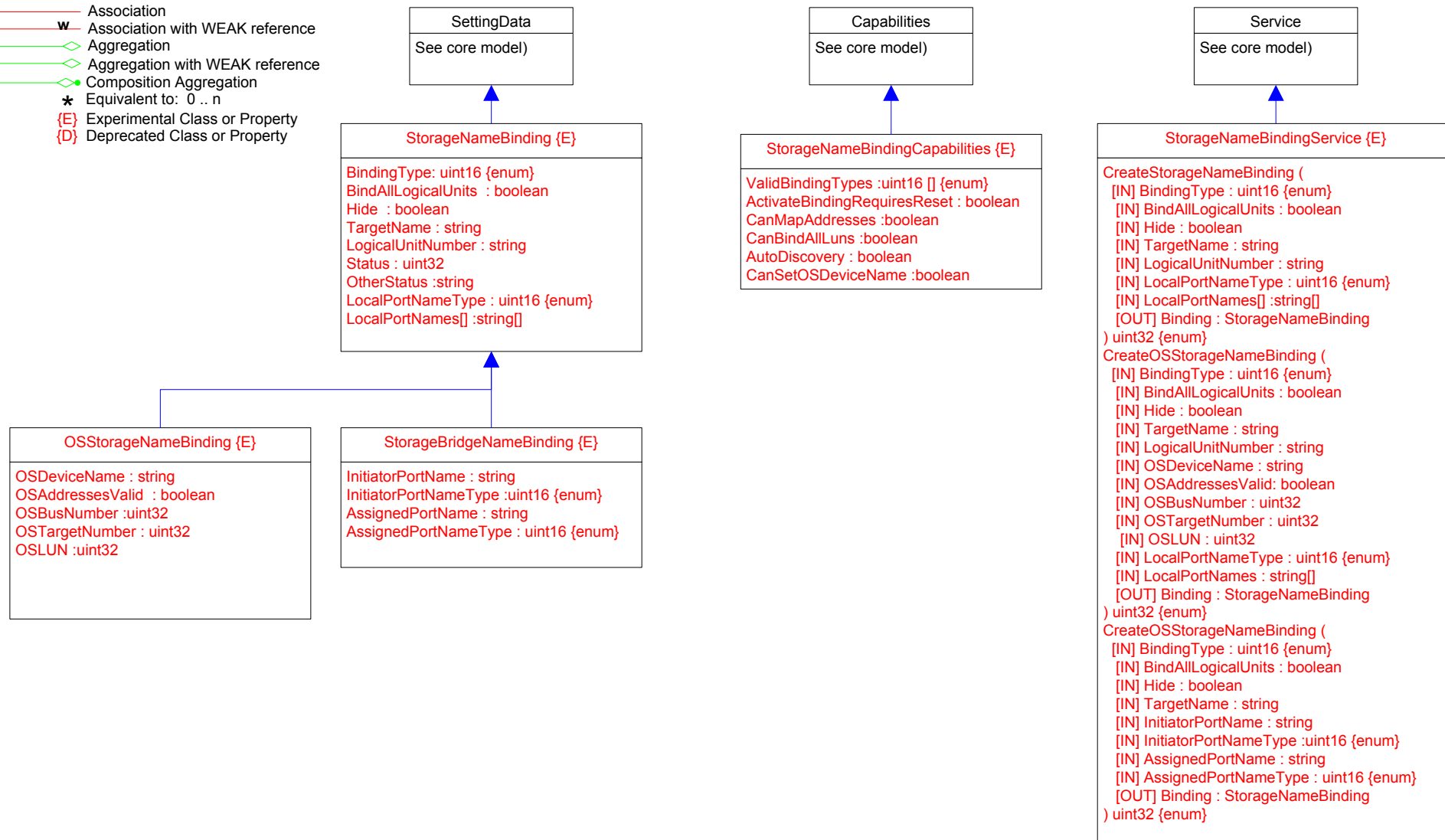
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  {E} Experimental Class or Property
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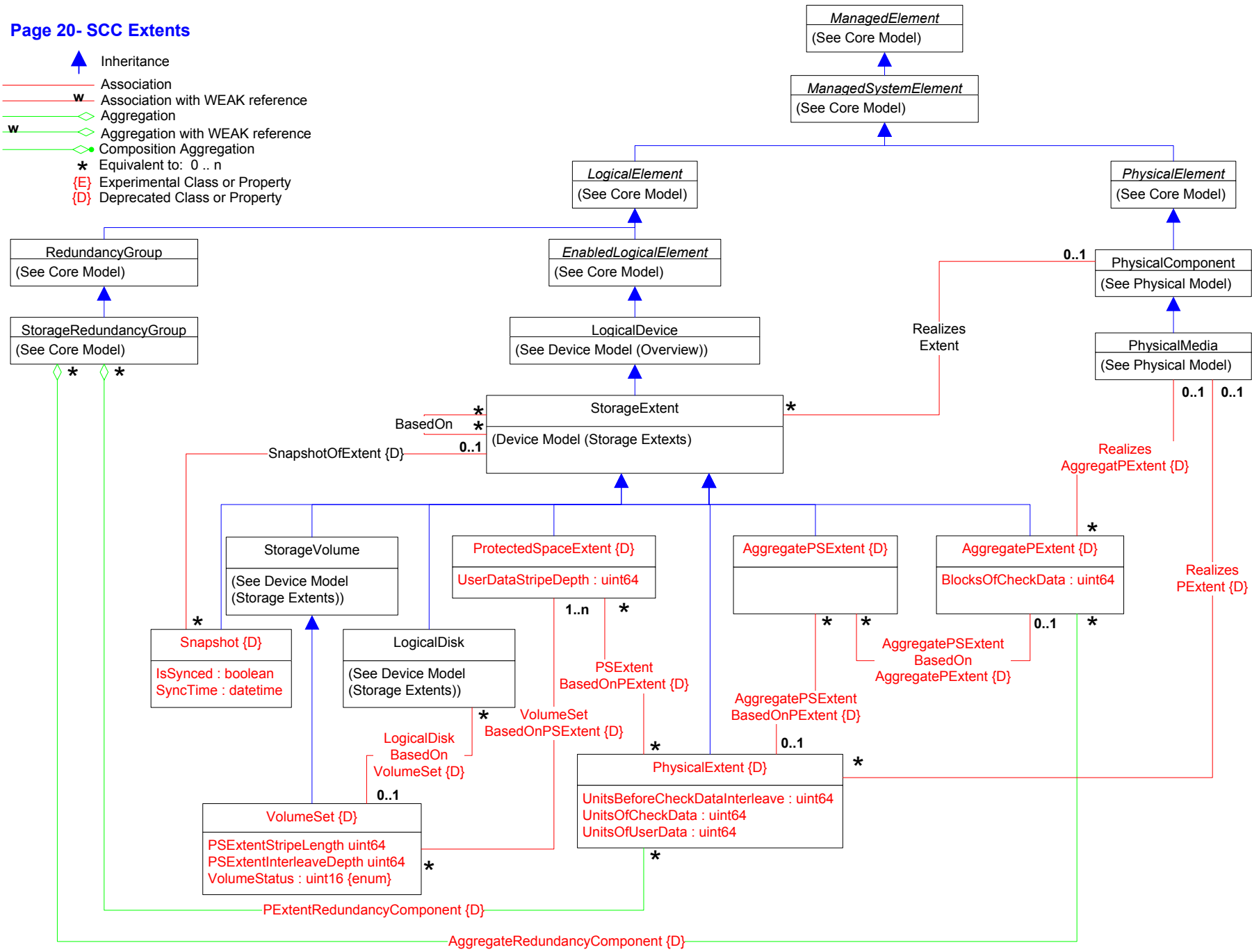
Page 20 - Storage Name Binding

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
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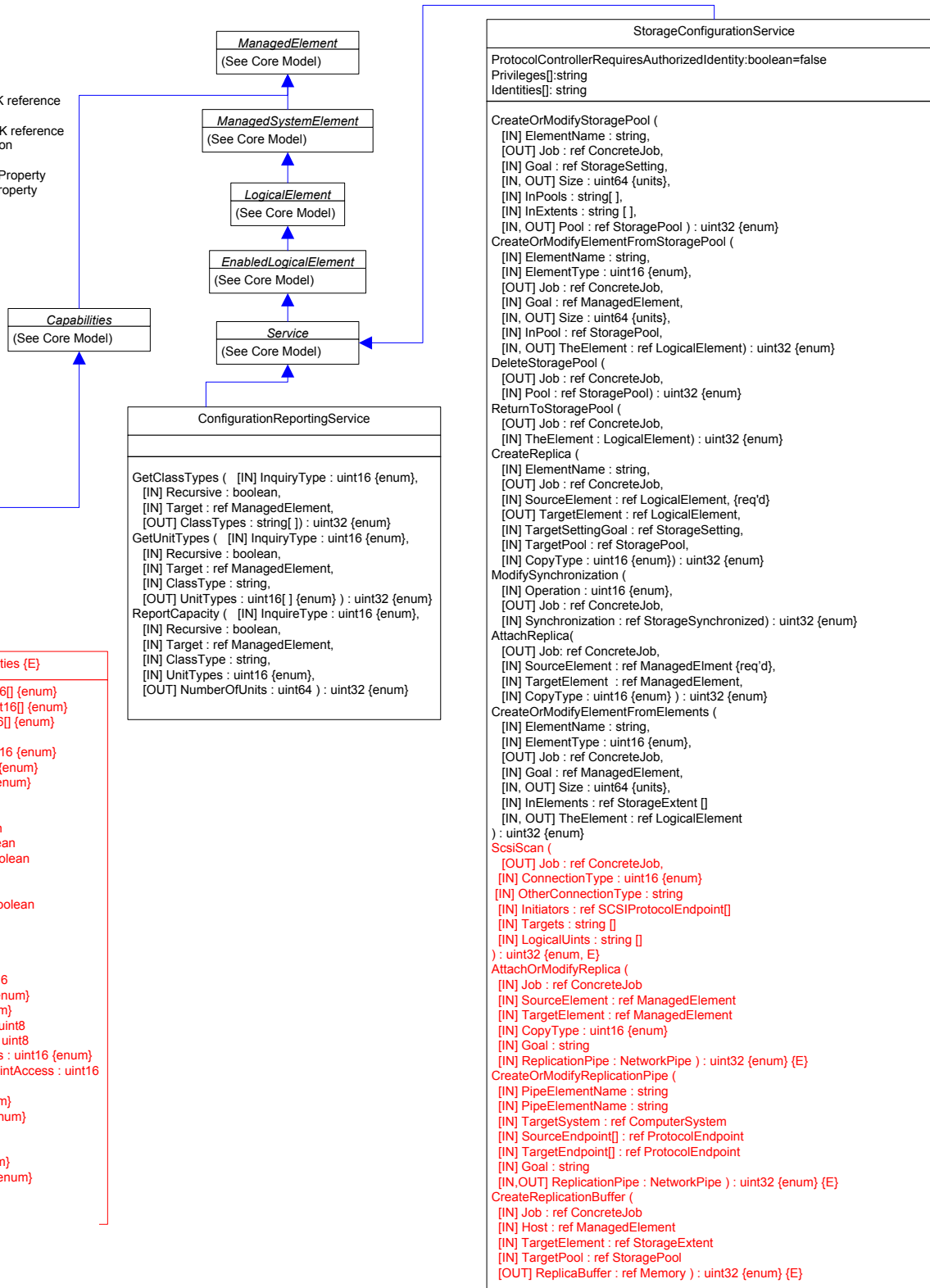
Page 20- SCC Extents

- Inheritance
- Association
- Association with WEAK reference
- Aggregation
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n
- Experimental Class or Property
- Deprecated Class or Property



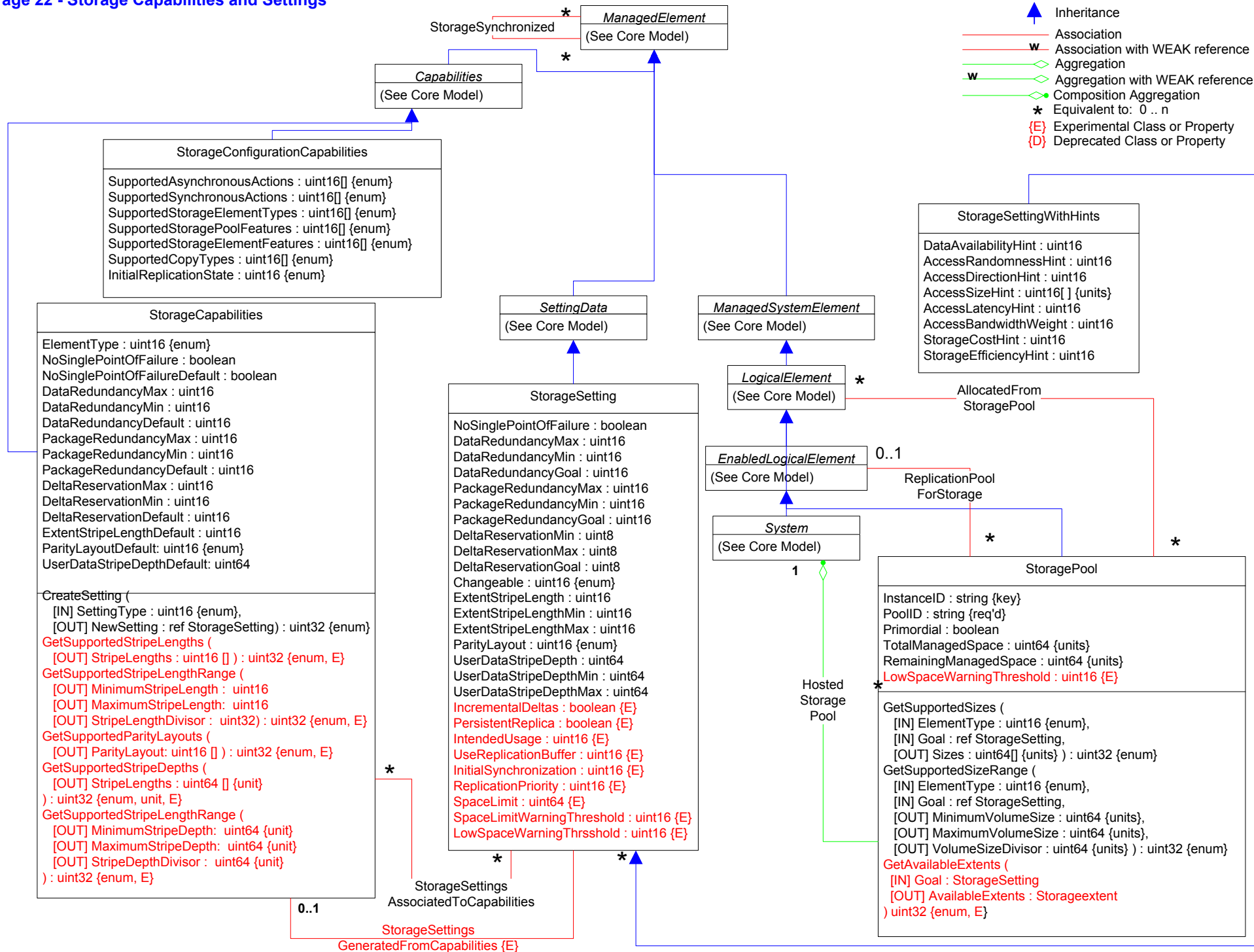
Page 21 - Storage Services

- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w Aggregation with WEAK reference
- ◇ Composition Aggregation
- ★ Equivalent to: 0 .. n
- (E) Experimental Class or Property
- (D) Deprecated Class or Property












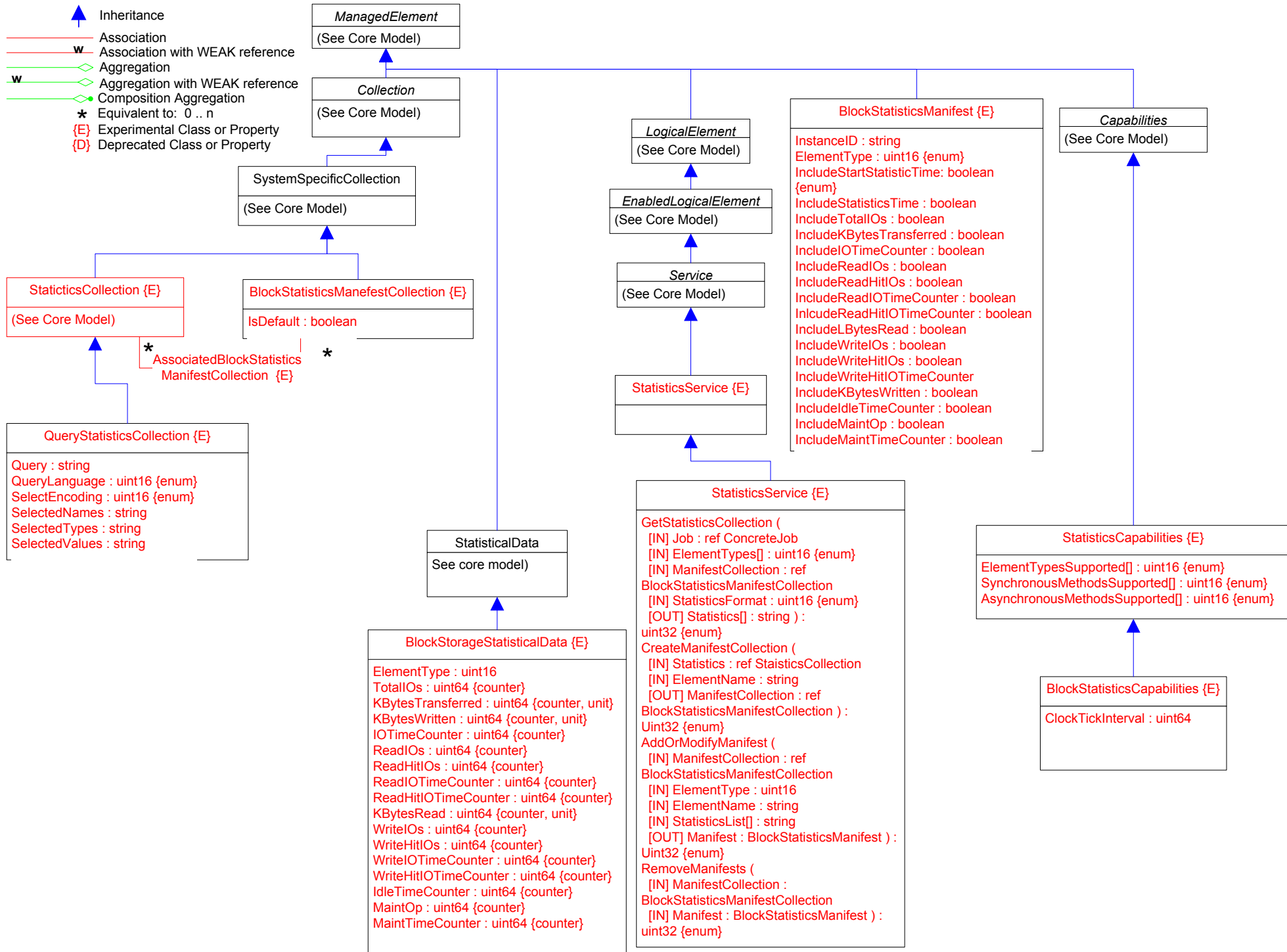
StorageReplicationCapabilities (E)

SupportedSynchronizationType : uint16[] {enum}
 SupportedAsynchronousActions[] : uint16[] {enum}
 SupportedSynchronousActions : uint16[] {enum}
 InitialReplicationState : uint16 {enum}
 SupportedSpecializedElements[] : uint16 {enum}
 SupportedModifyOperations[] : uint16 {enum}
 ReplicationHostAccessibility : uint16 {enum}
 HostAccessibleState[] : uint16 {enum}
 SpaceLimitSupported : boolean
 SpaceReservationSupported : boolean
 LocalMirrorSnapshotSupported : boolean
 RemoteMirrorSnapshotSupported : boolean
 IncrementalDeltasSupported : boolean
 PersistentReplicasSupported : boolean
 BidirectionalConnectionsSupported : boolean
 MaximumReplicasPerSource : uint16
 MaximumPortsPerConnection : uint16
 MaximumConnectionsPerPort : uint16
 MaximumPeerConnections : uint16
 MaximumLocalReplicationDepth : uint16
 InitialSynchronizationDefault : uint16 {enum}
 ReplicationPriorityDefault : uint16 {enum}
 LowSpaceWarningThresholdDefault : uint8
 SpaceLimitWarningThresholdDefault : uint8
 RemoteReplicationServicePointAccess : uint16 {enum}
 AlternateRemoteReplicationServicePointAccess : uint16 {enum}
 DeltaReplicaPoolAccess : uint16 {enum}
 RemoteBufferElementType : uint16 {enum}
 RemoteBufferHost : uint16 {enum}
 RemoteBufferLocation : uint16 {enum}
 RemoteBufferSupported : uint16 {enum}
 UseReplicationBufferDefault : uint16 {enum}
 PeerConnectionProtocol : string












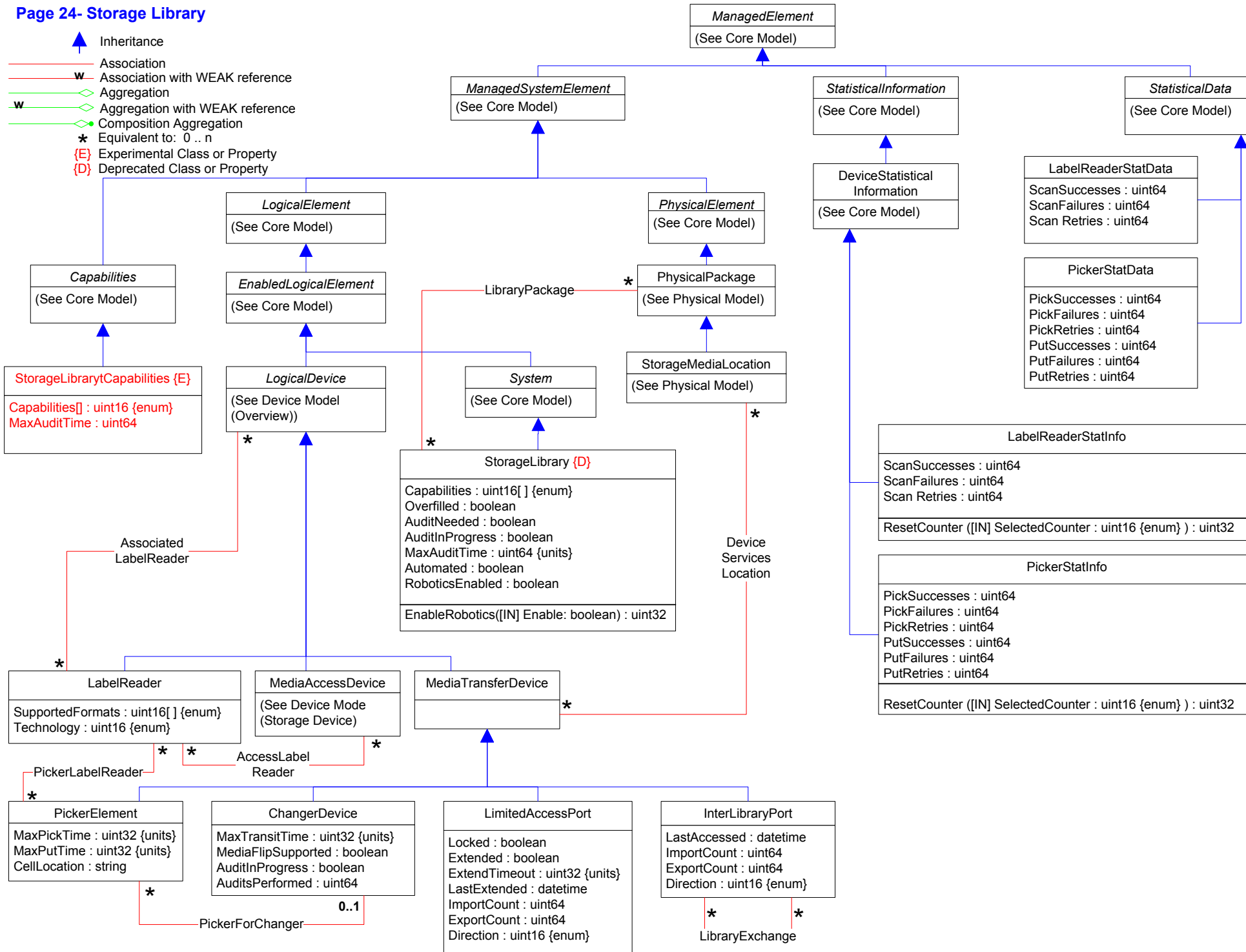
Page 23 - Storage Statistics

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property












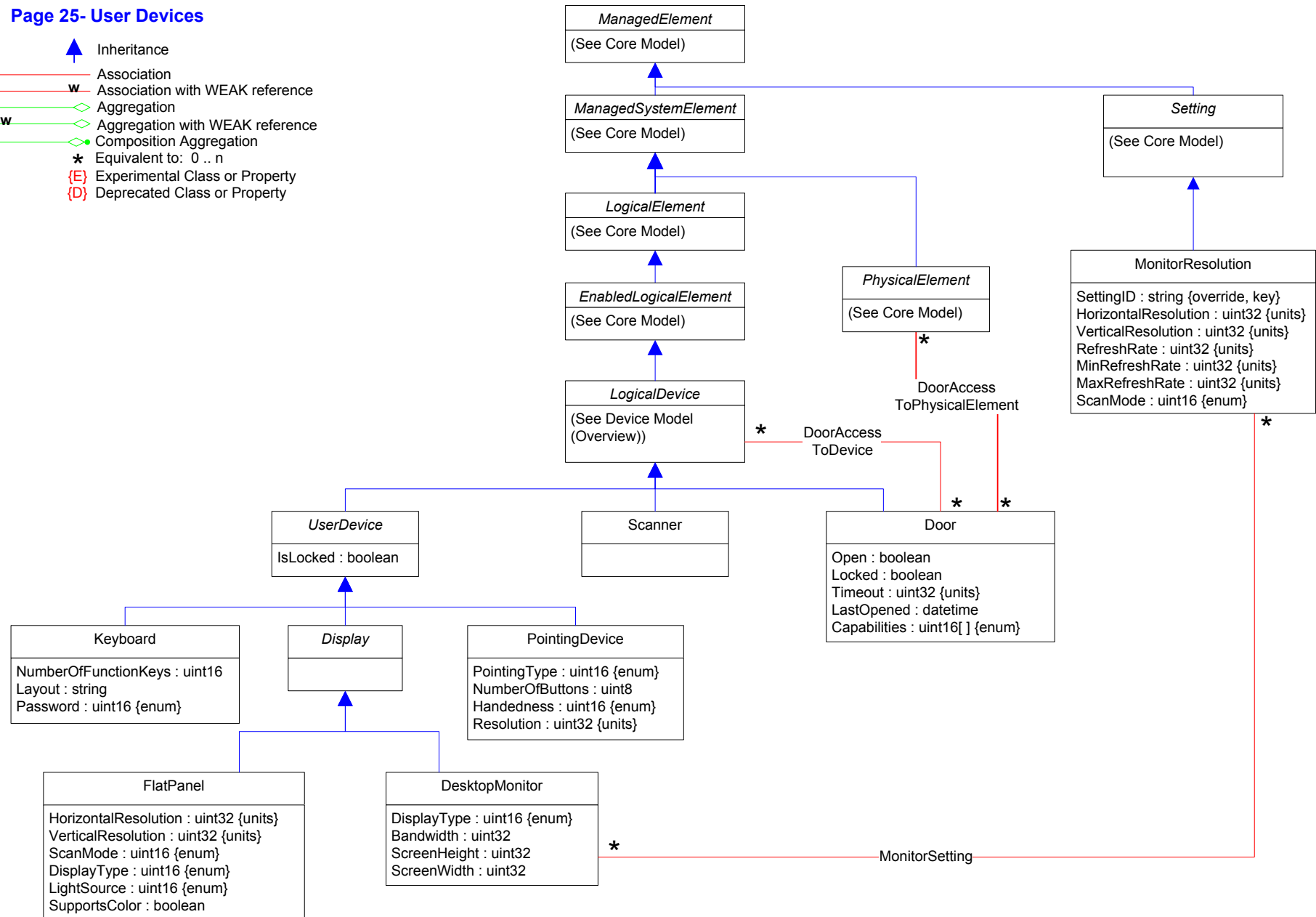
Page 24- Storage Library










-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property

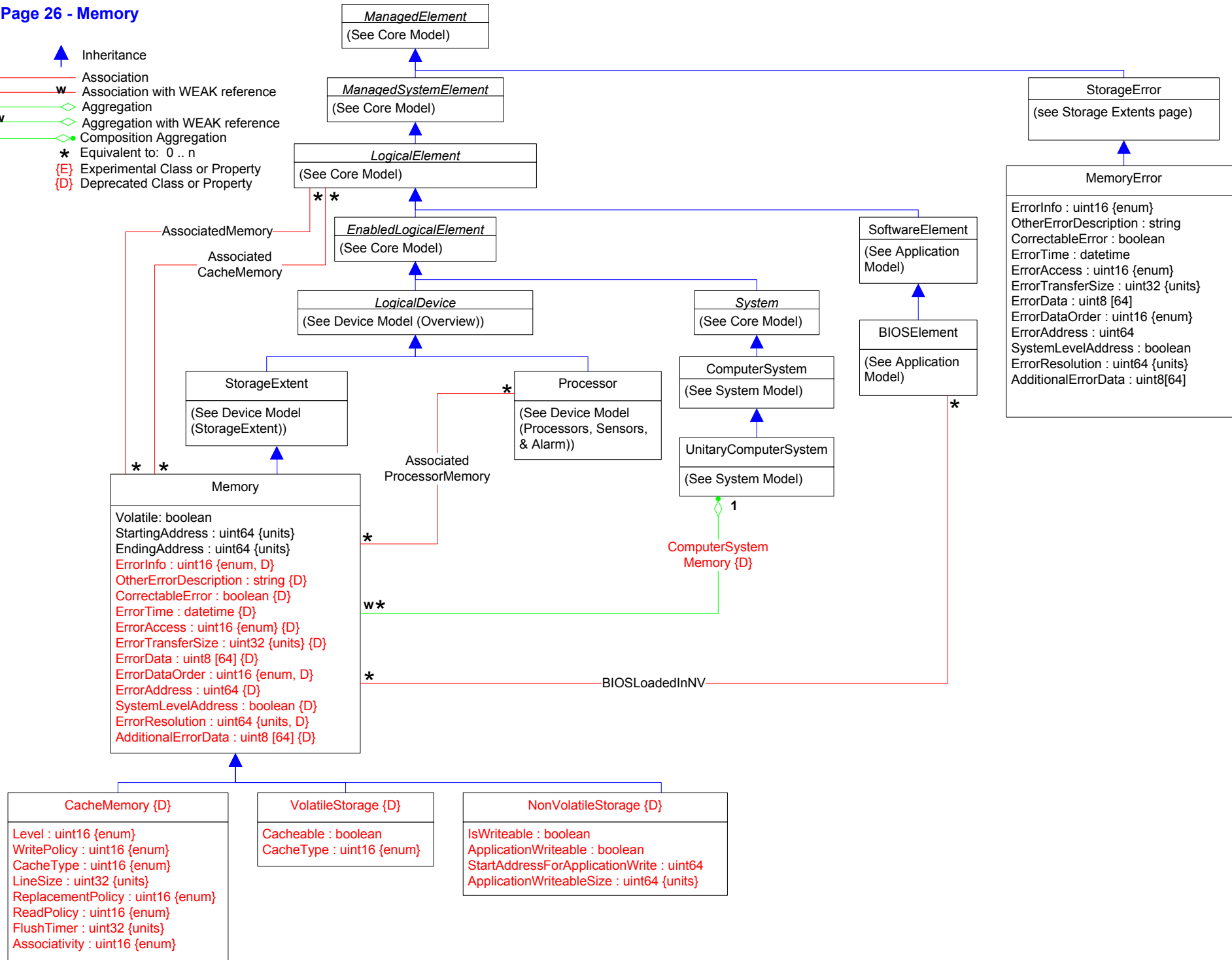











Page 25- User Devices

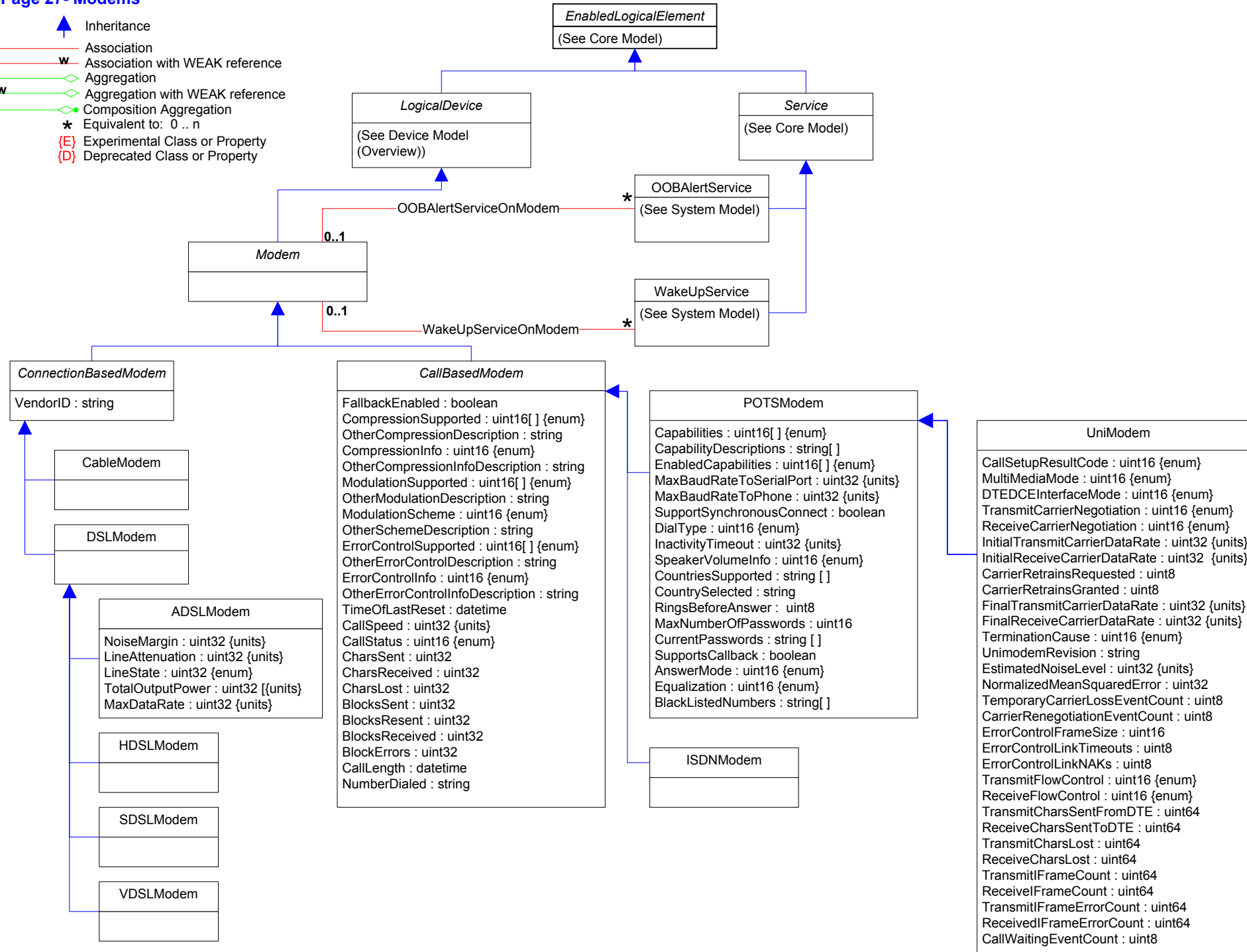
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n
-  {E} Experimental Class or Property
-  {D} Deprecated Class or Property



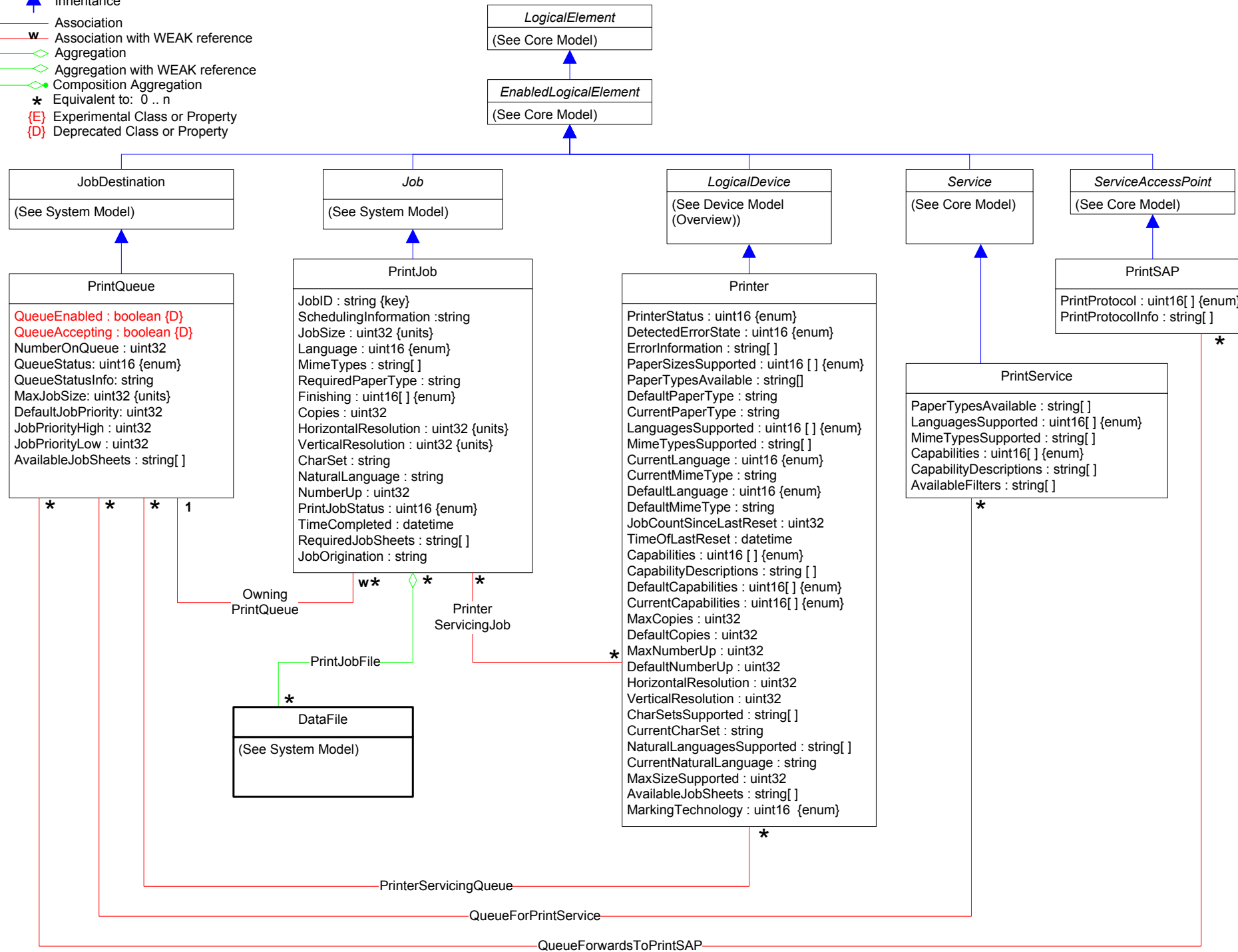
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
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-  Inheritance
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-  Association with WEAK reference
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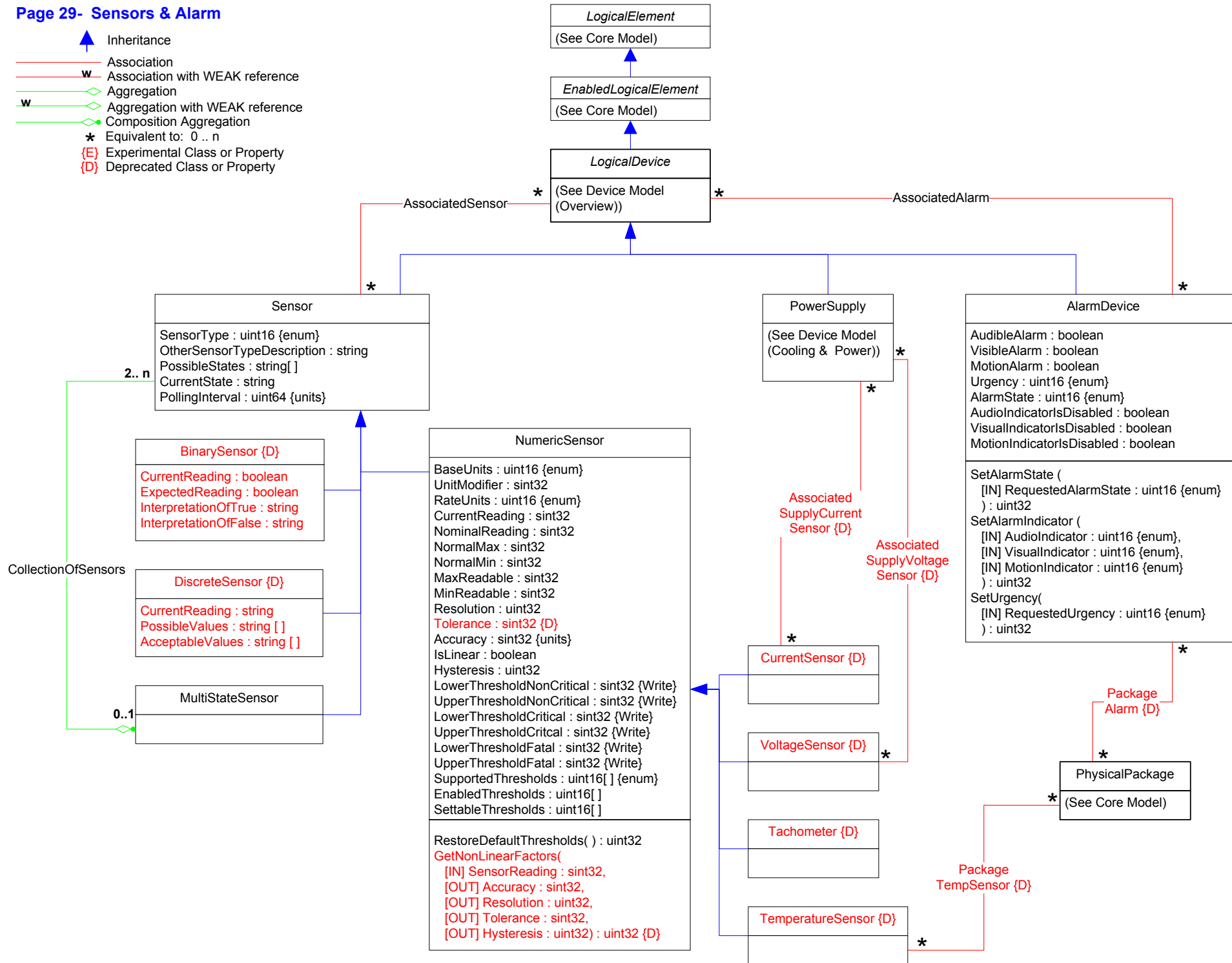









- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◇ Composition Aggregation
- * Equivalent to: 0..n
- {E} Experimental Class or Property
- {D} Deprecated Class or Property

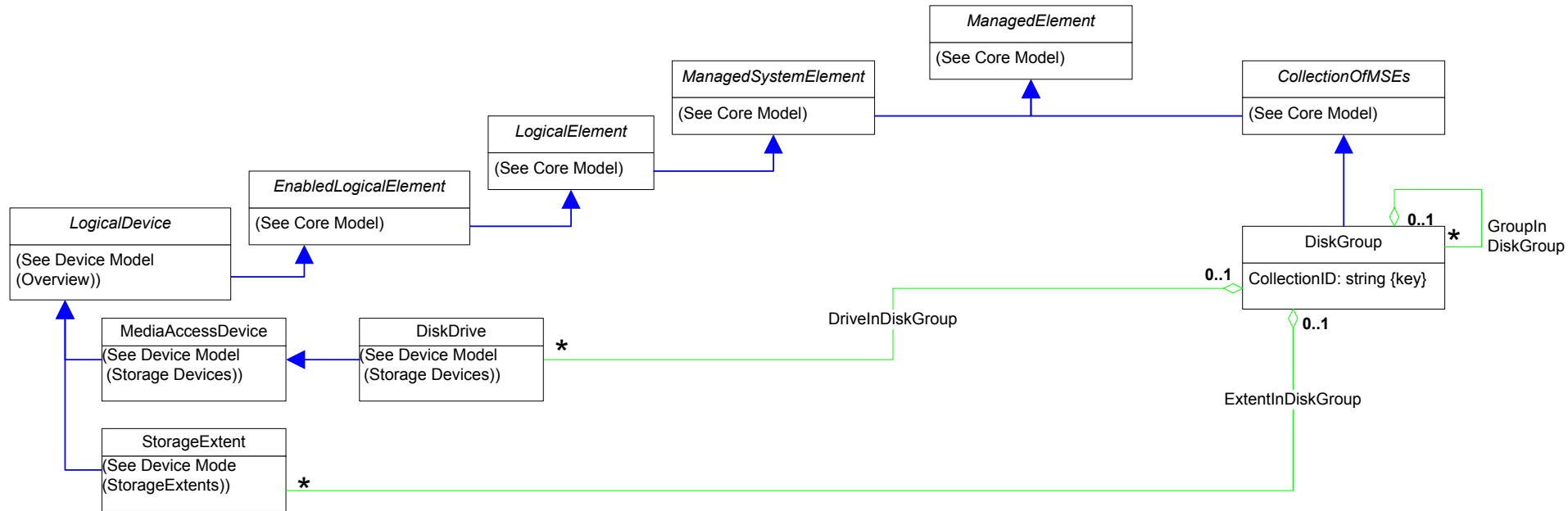
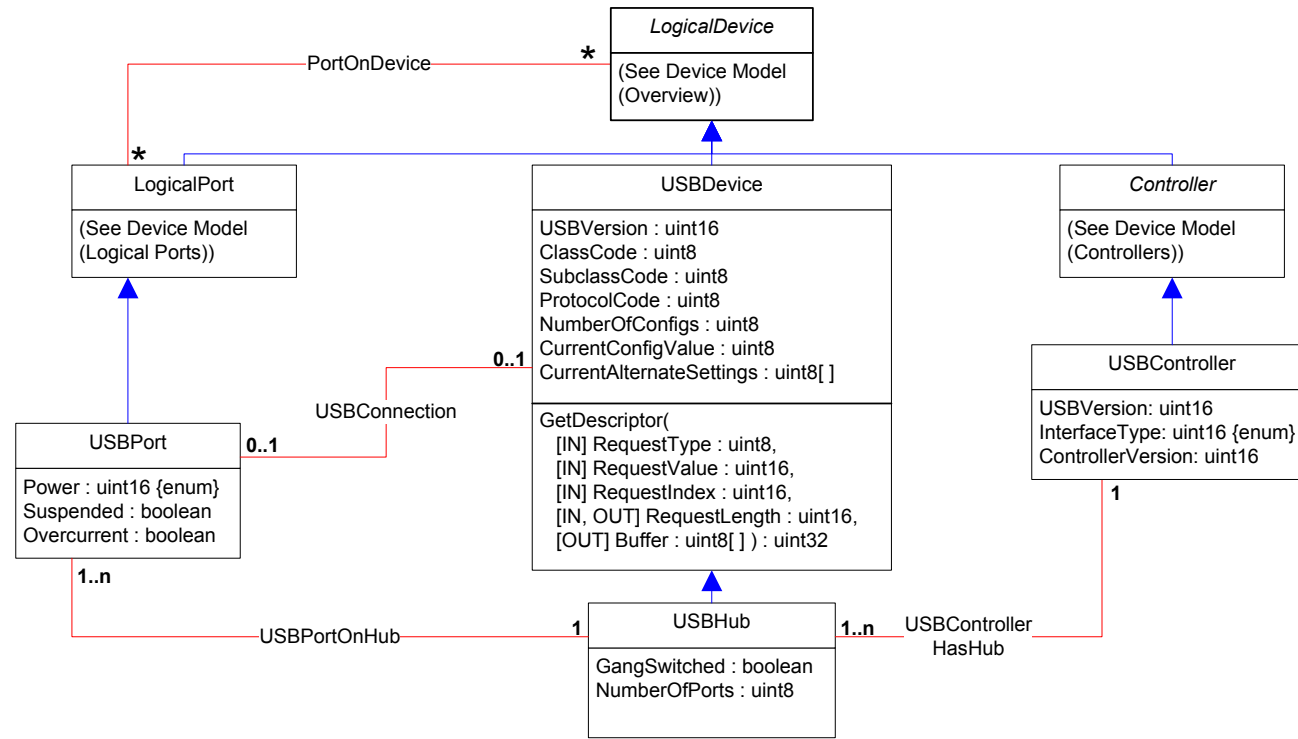


Page 29- Sensors & Alarm








- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◇ Aggregation
- w◇ Aggregation with WEAK reference
- ◇ Composition Aggregation
- ★ Equivalent to: 0 .. n
- {E} Experimental Class or Property
- {D} Deprecated Class or Property

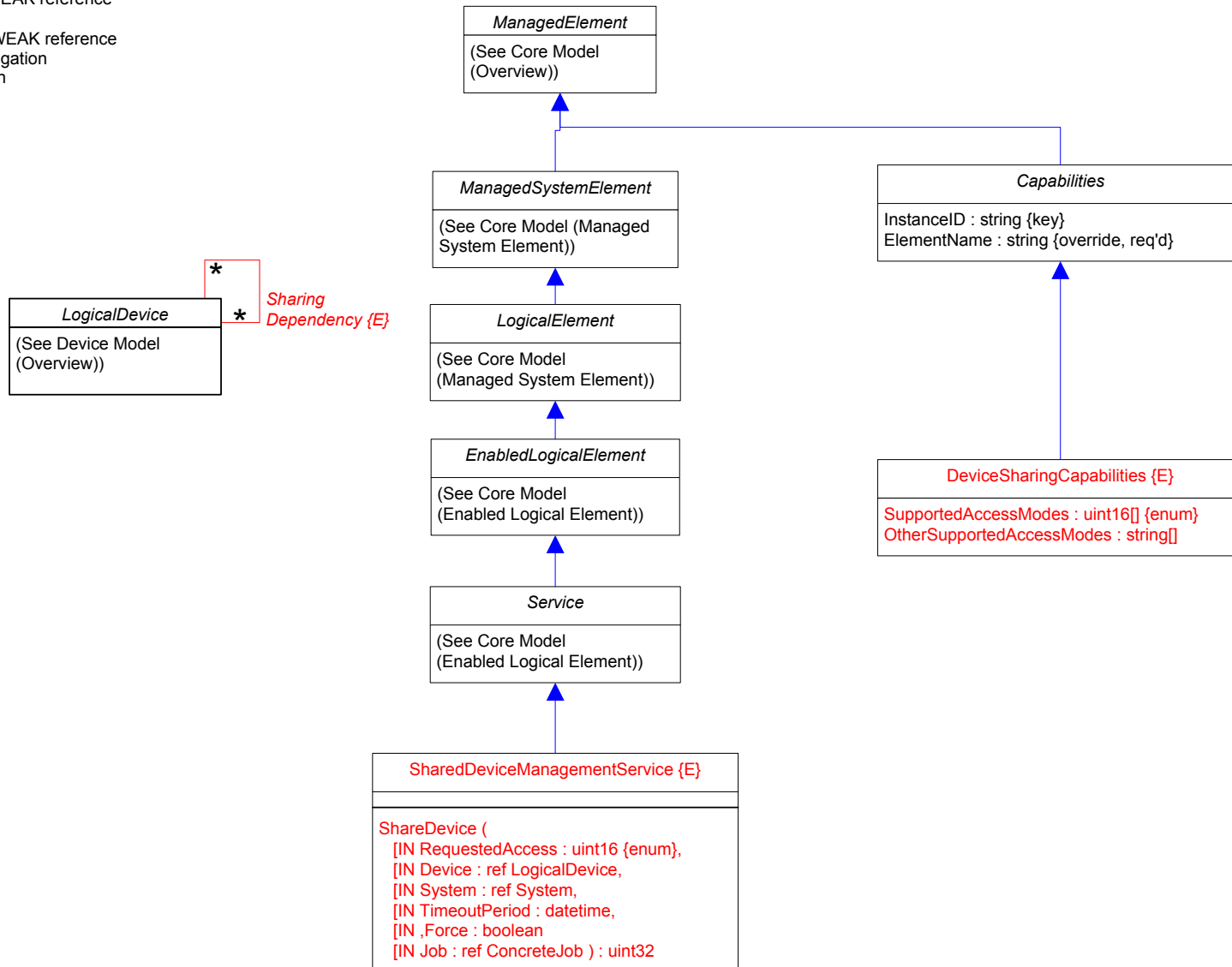


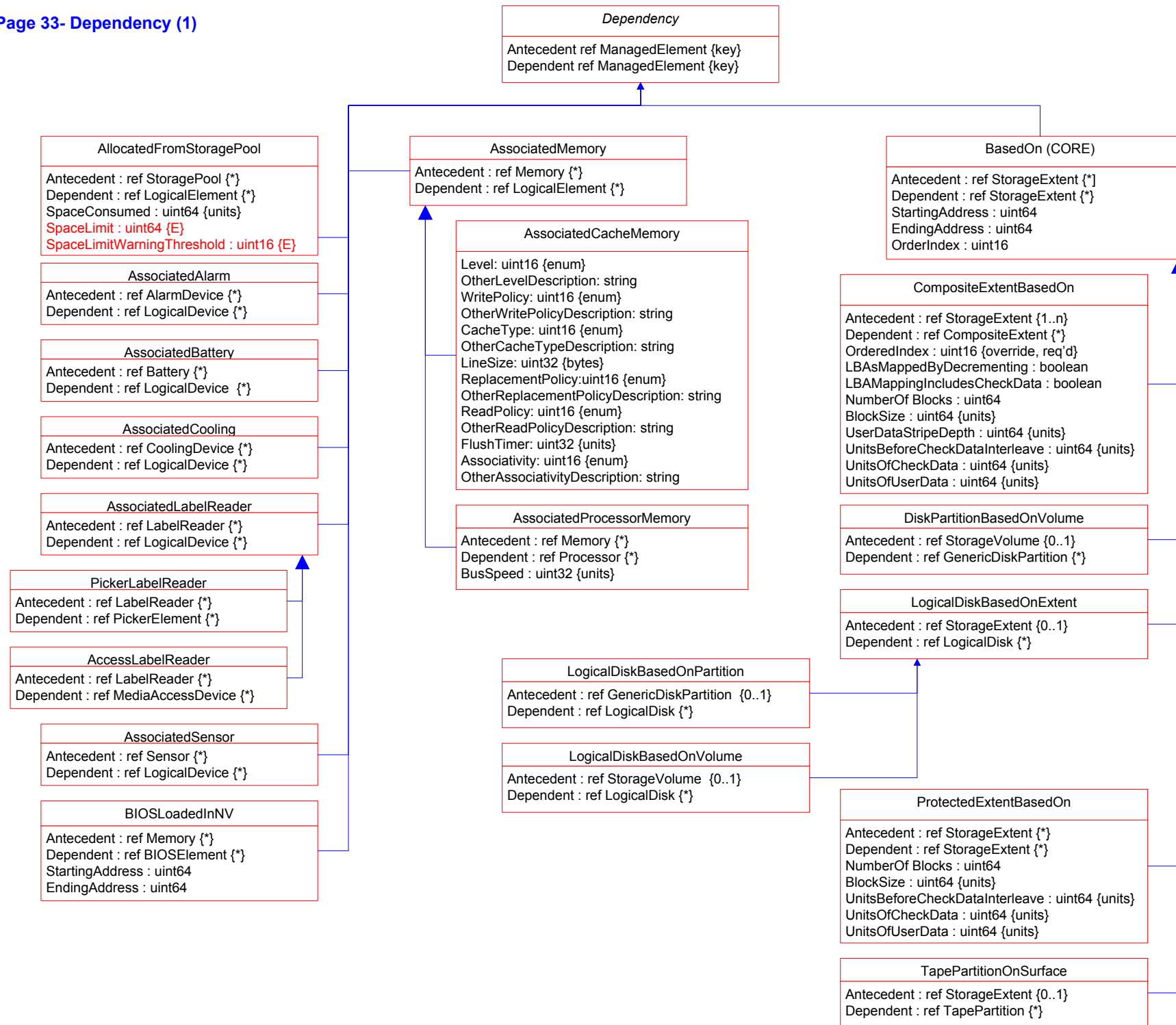
-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0 .. n

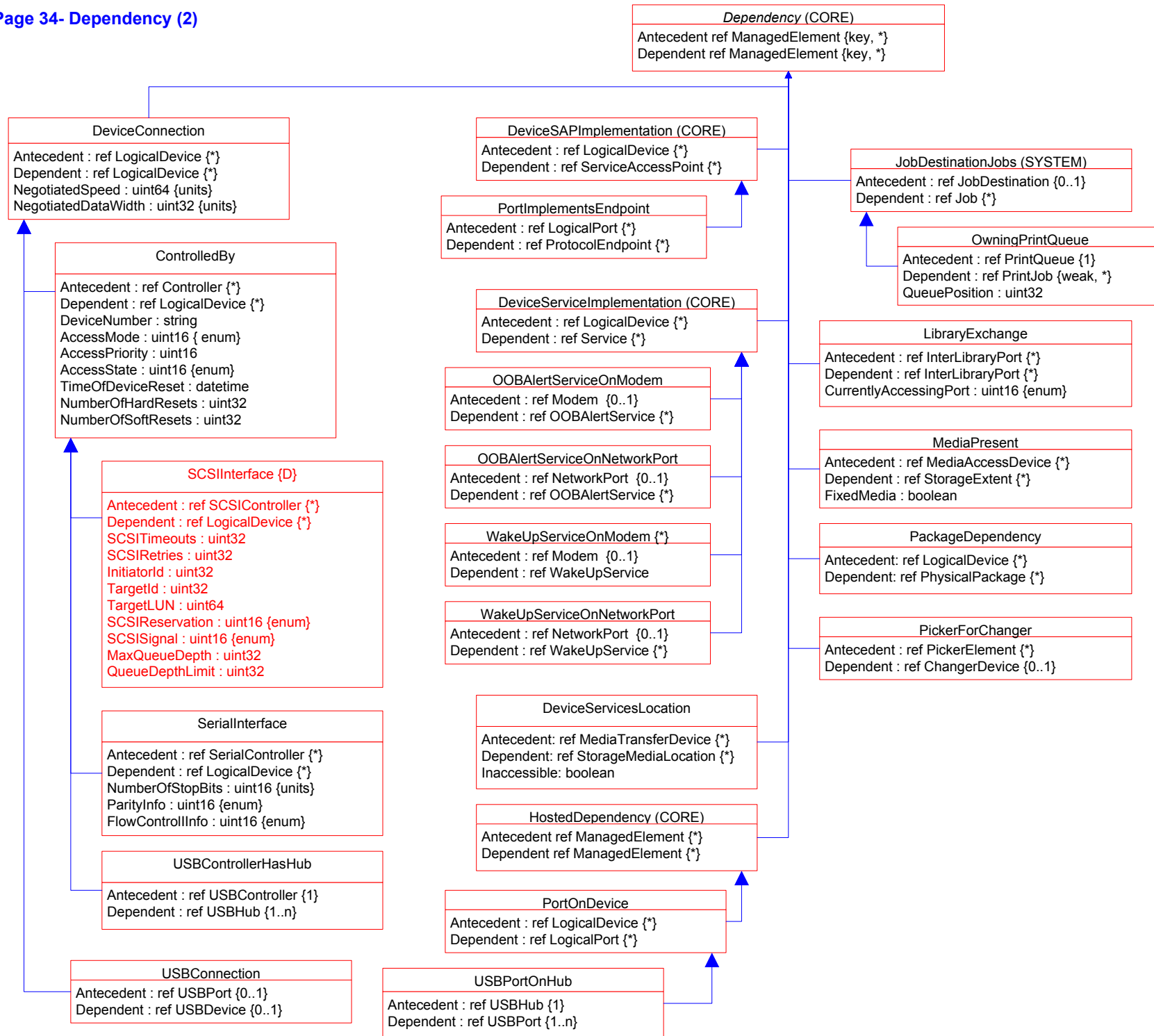


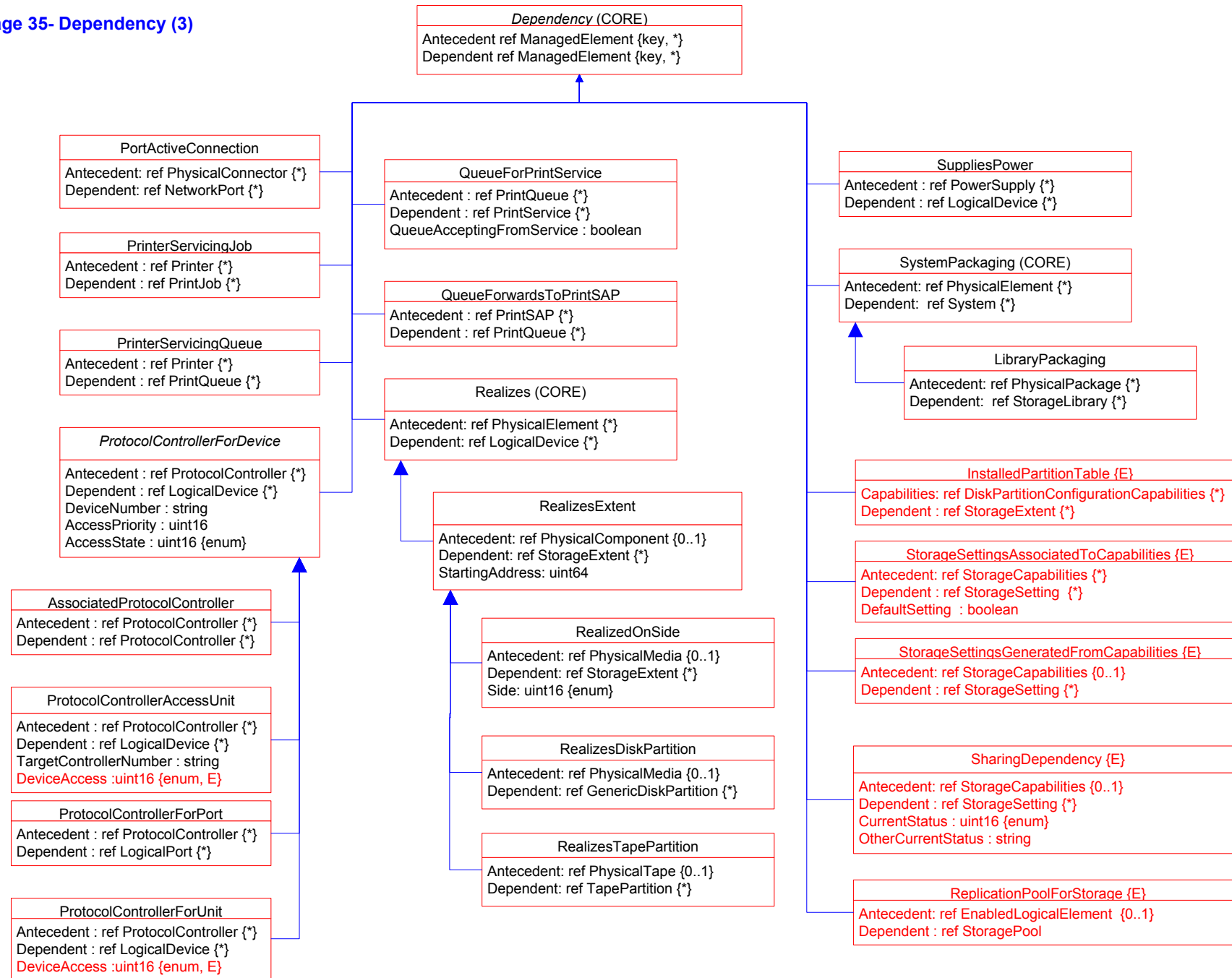
Page 32- Device Sharing

-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  Composition Aggregation
-  Equivalent to: 0..n

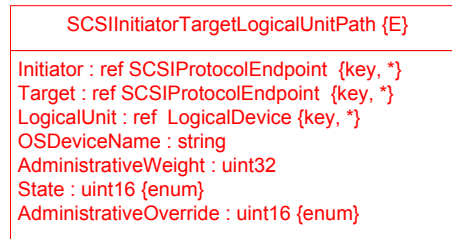
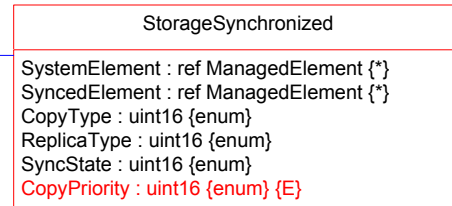
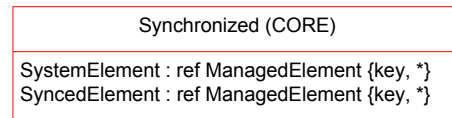
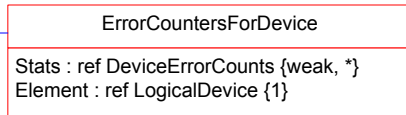
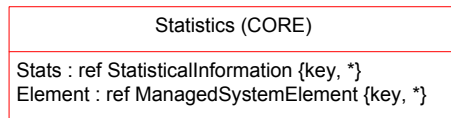
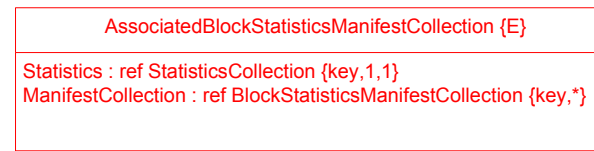
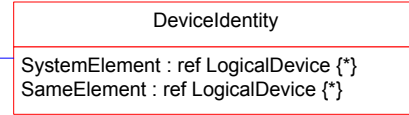
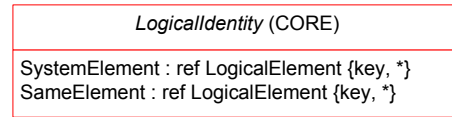
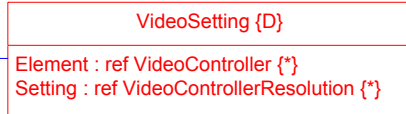
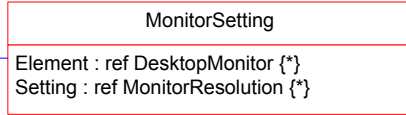
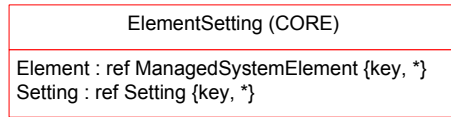


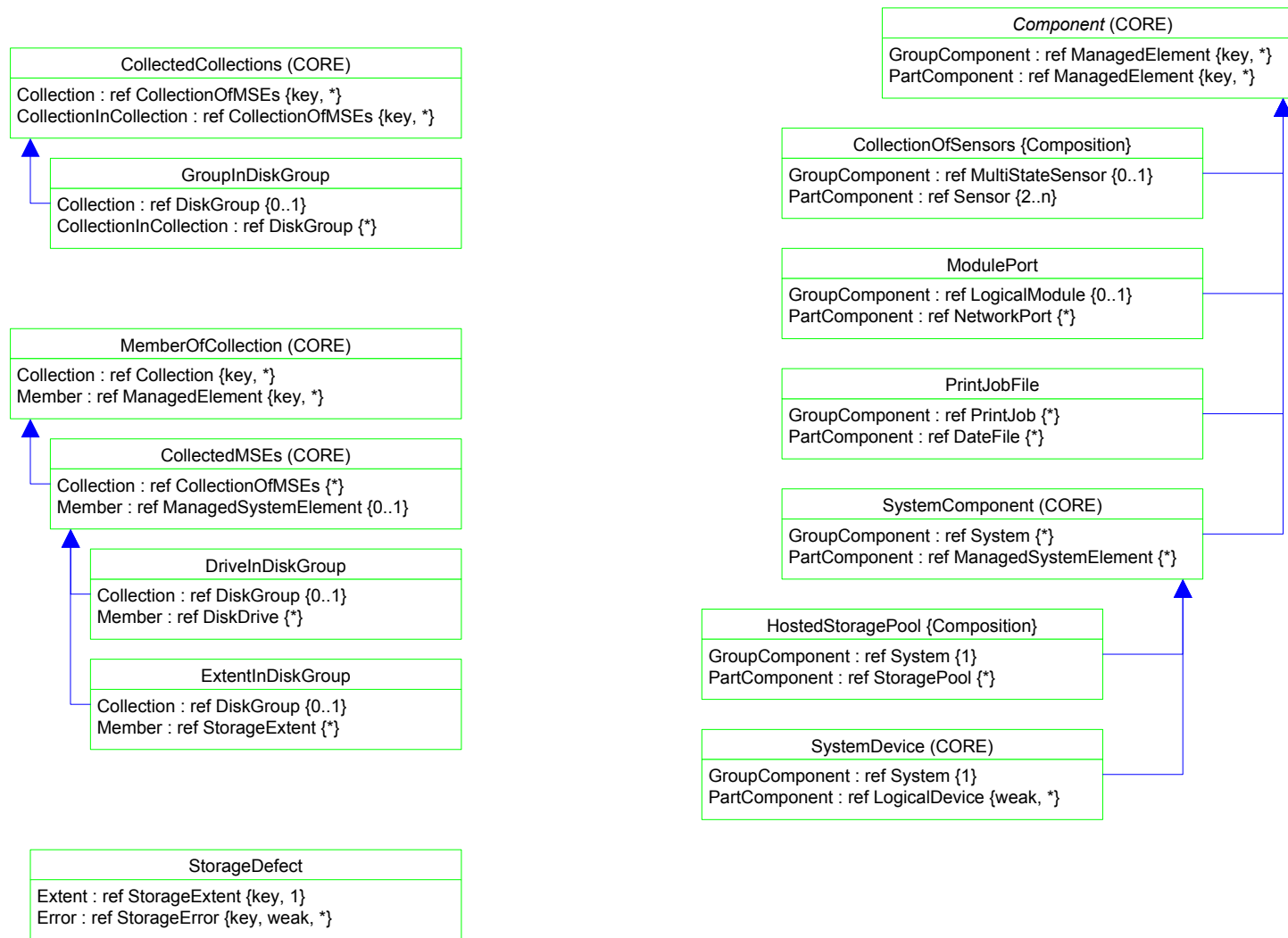


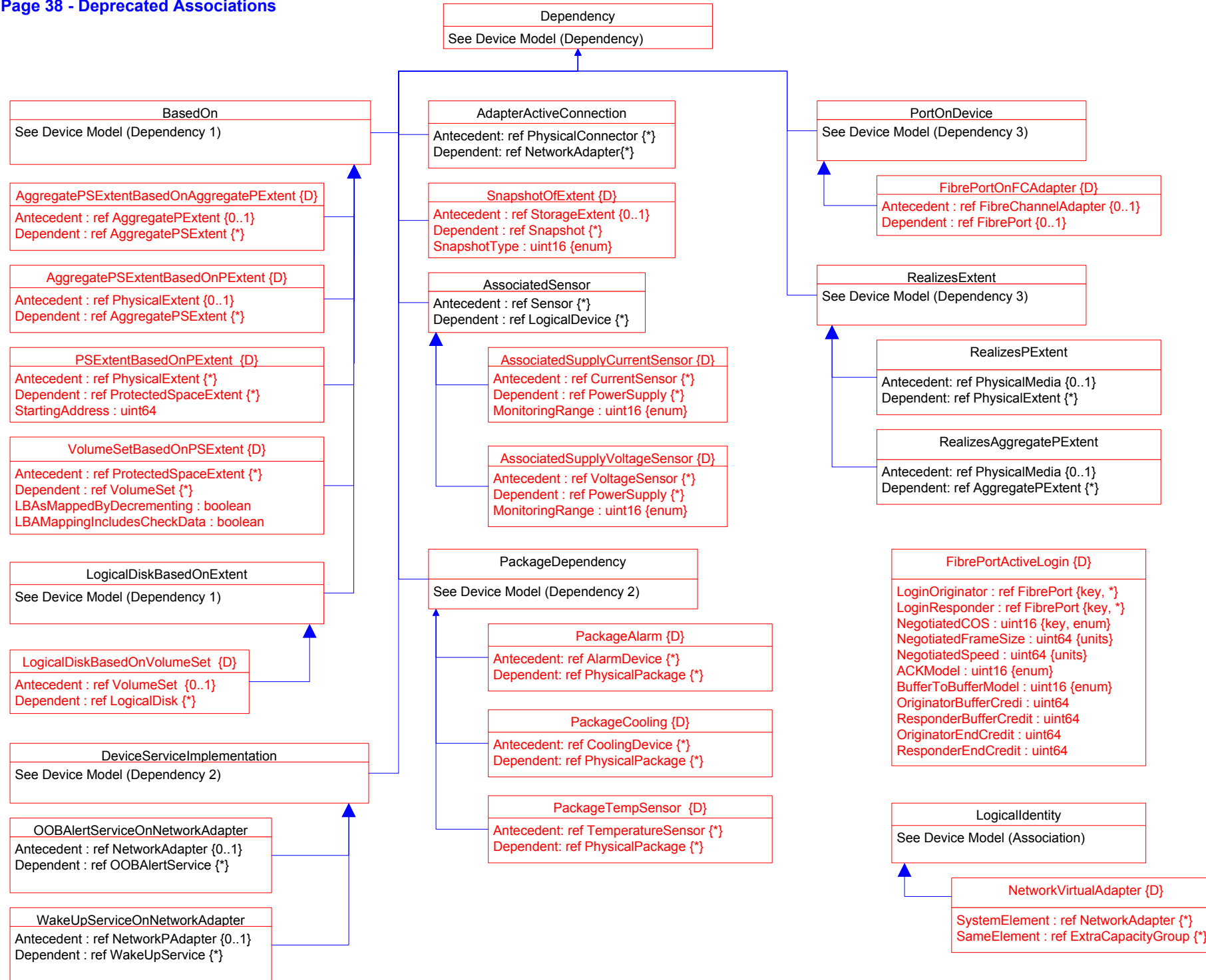




Page 36- Association Hierarchy







Page 39 - Deprecated Aggregations

