

Title : Device Specification 2.5 (UML diagram)

Filename: CIM_Device25.vsd

Author : DMTF SysDev-wg

Date : 06/12/2001

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▲ Inheritance

— Association

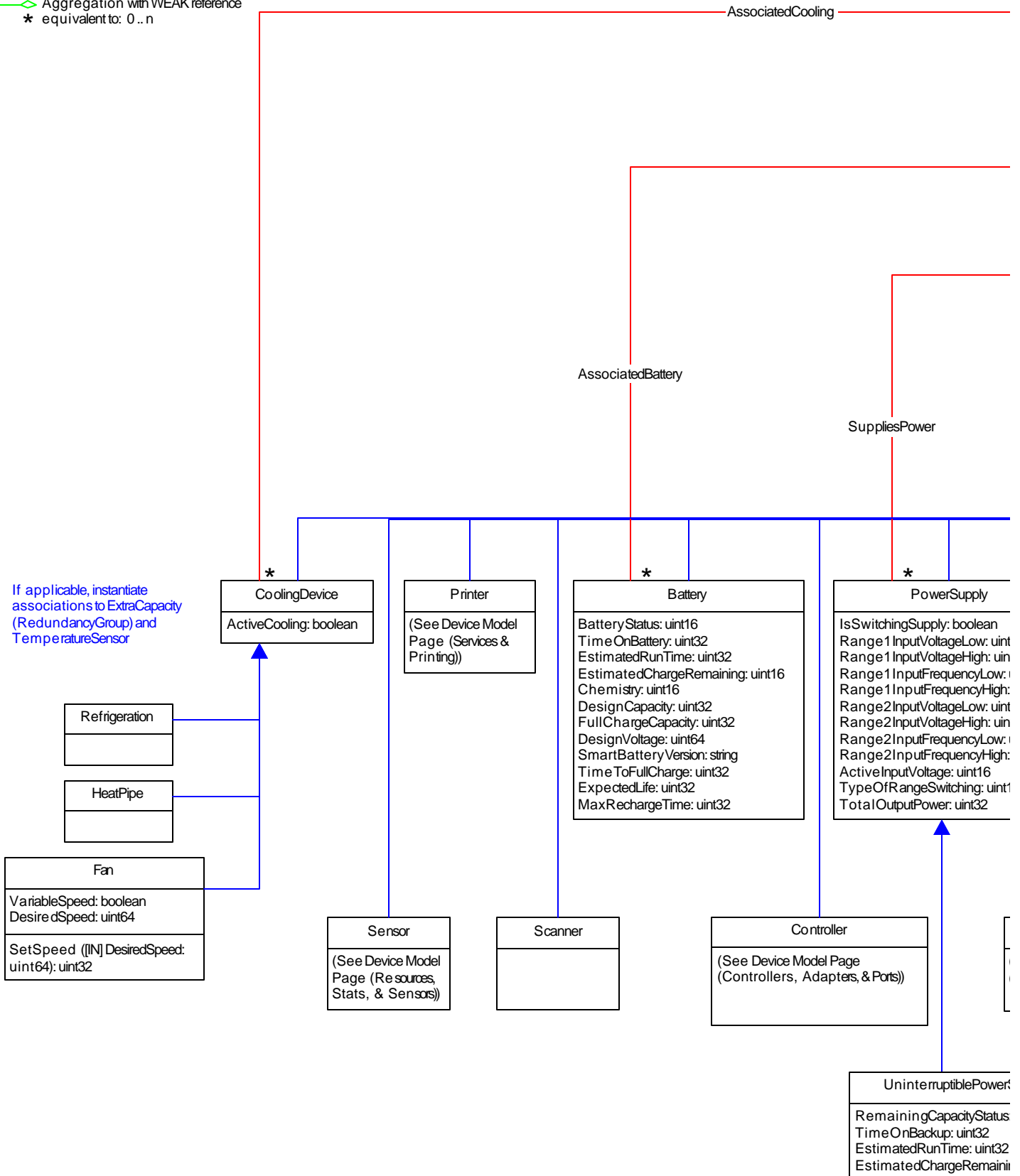
-w Association with WEAK reference

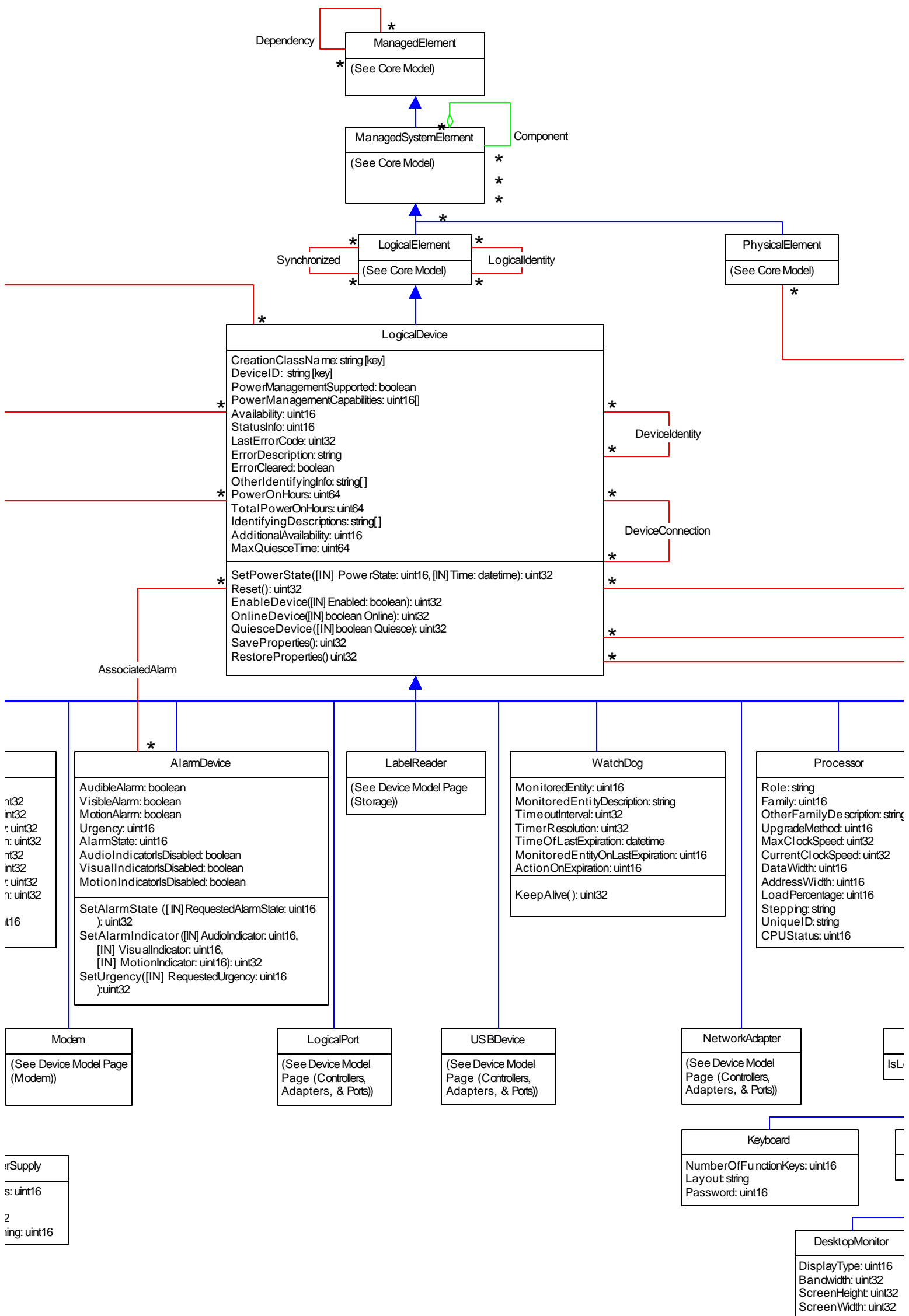
◇ Aggregation

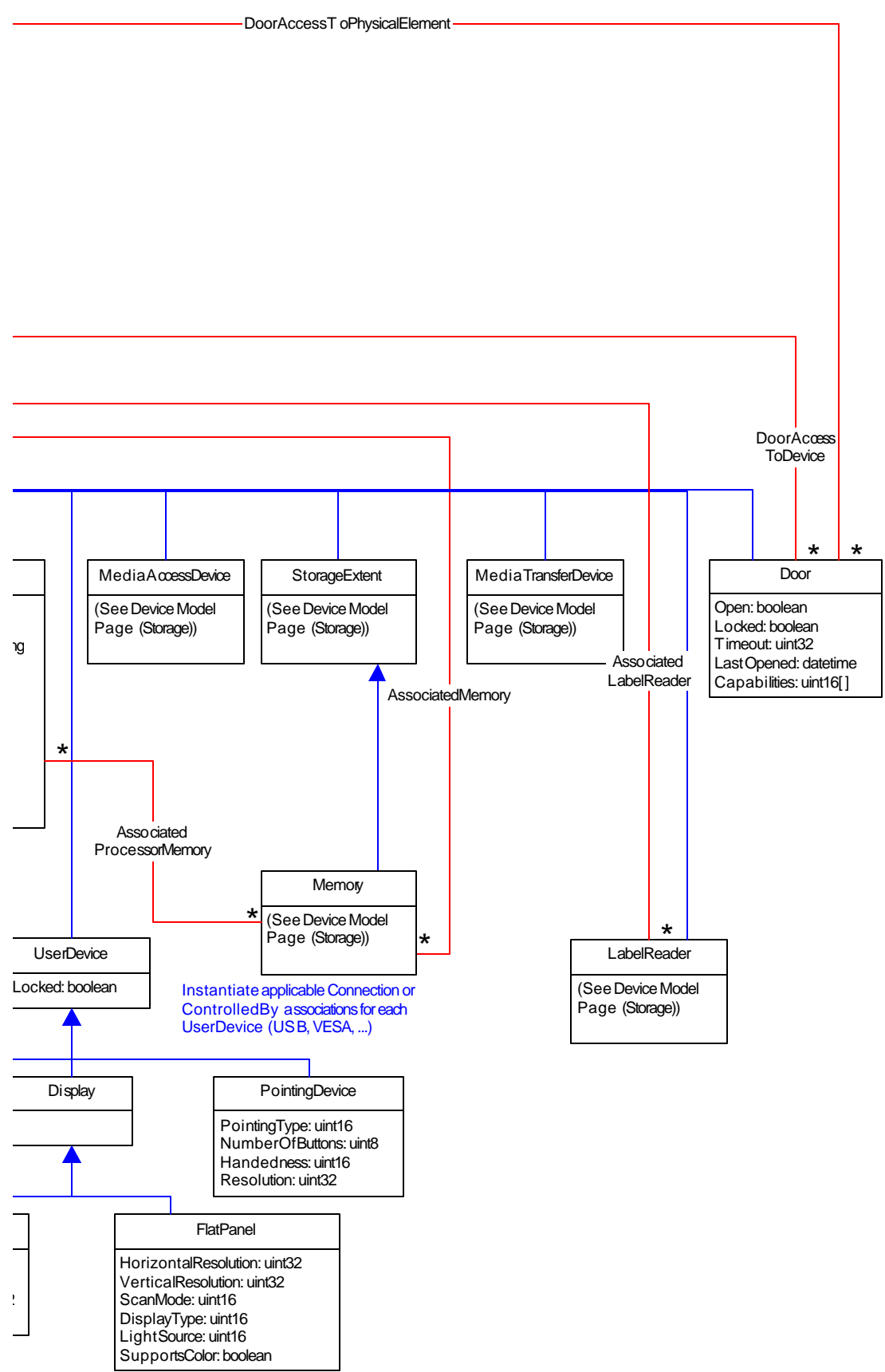
-w◇ Aggregation with WEAK reference

* equivalent to: 0..n

If applicable, instantiate associations to ExtraCapacity (RedundancyGroup) and TemperatureSensor













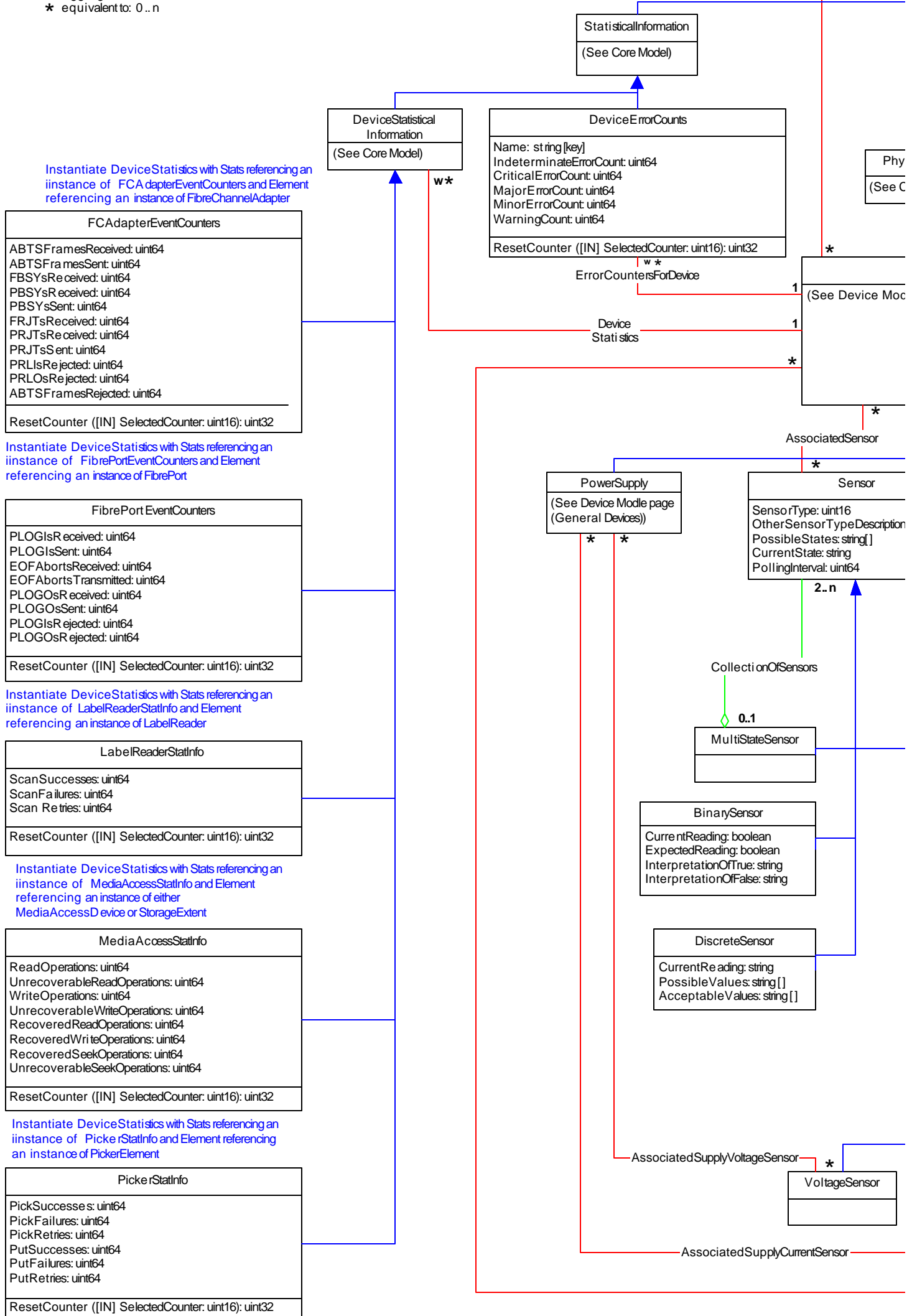
DoorAccessToPhysicalElement

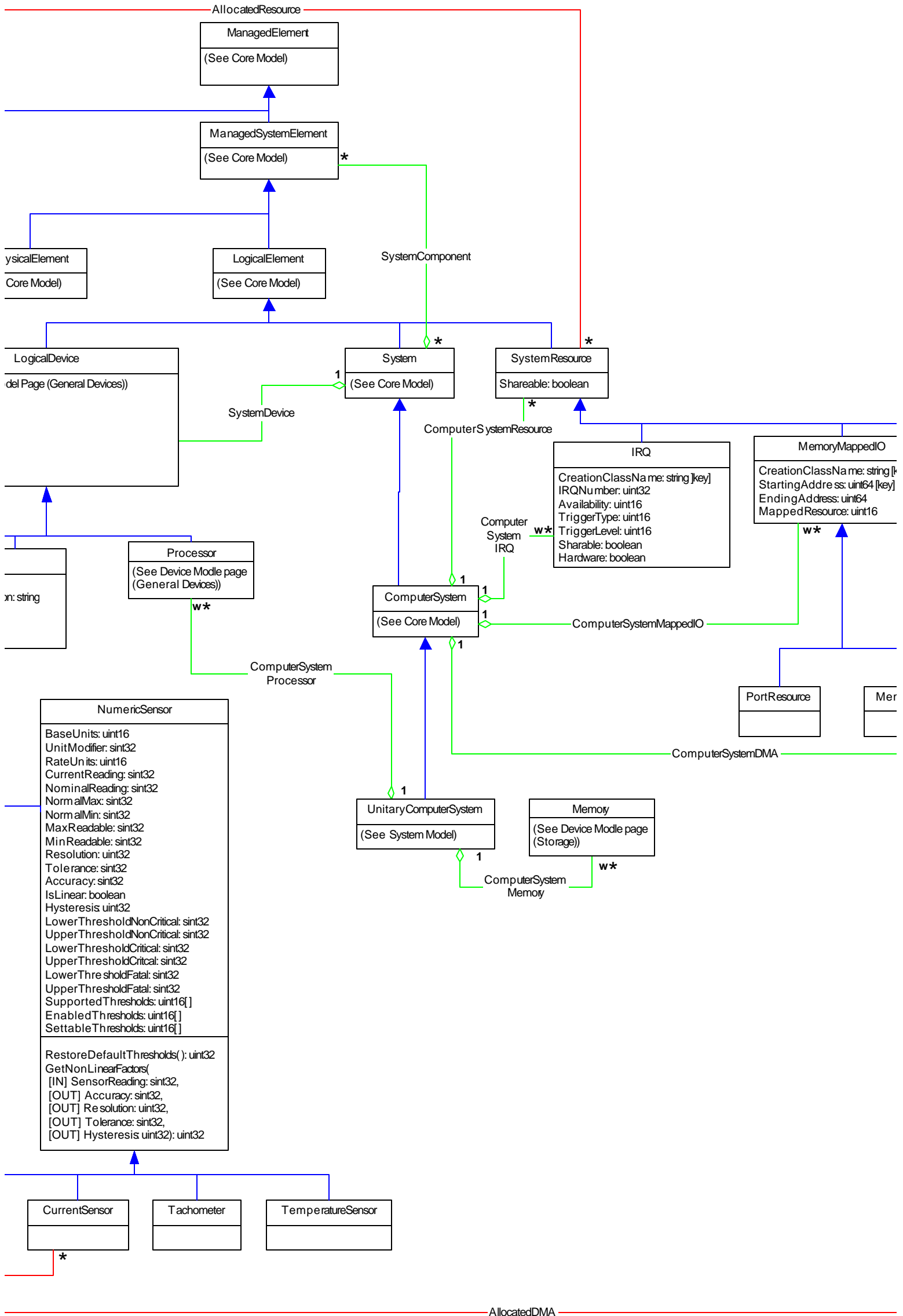
DoorAccessToDevice

g

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-  Inheritance
-  Association
-  Association with WEAK reference
-  Aggregation
-  Aggregation with WEAK reference
-  * equivalent to: 0..n



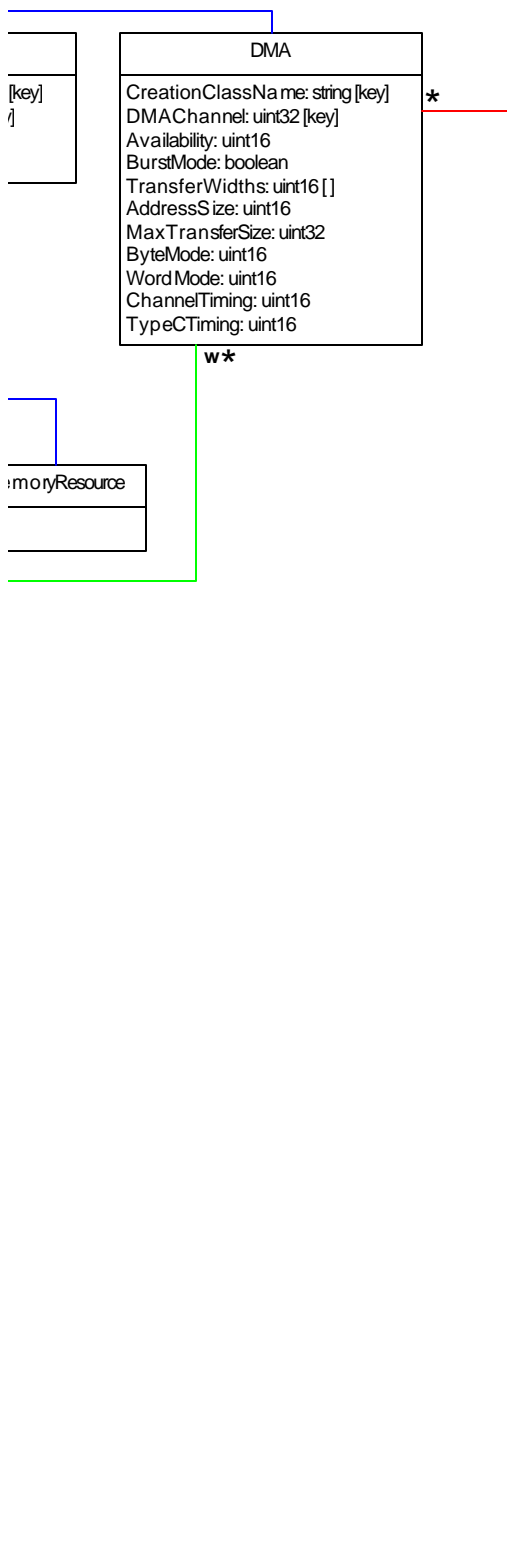








NumericSensor

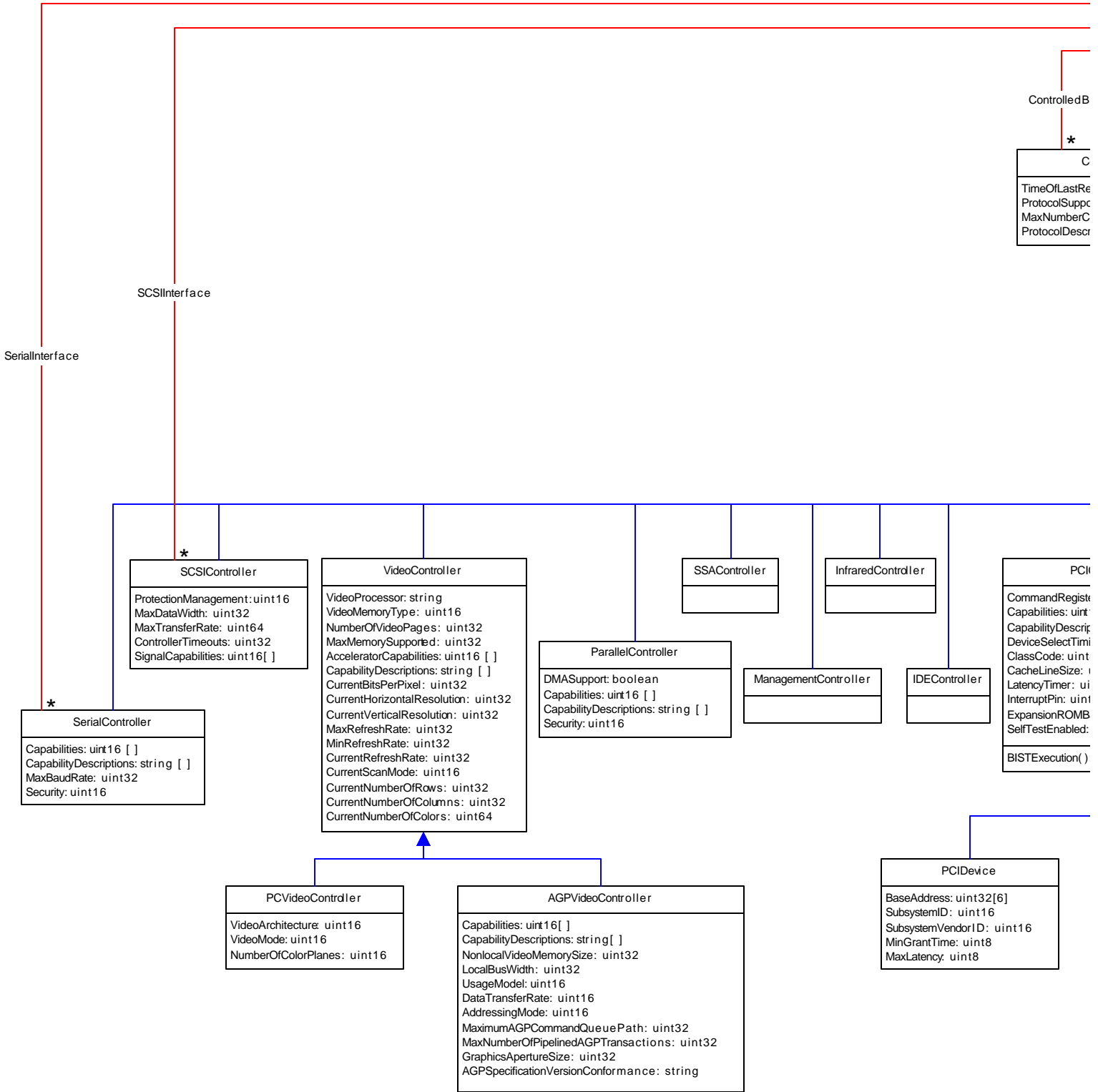
BaseUnits: uint16
 UnitModifier: sint32
 RateUnits: uint16
 CurrentReading: sint32
 NominalReading: sint32
 NormalMax: sint32
 NormalMin: sint32
 MaxReadable: sint32
 MinReadable: sint32
 Resolution: uint32
 Tolerance: sint32
 Accuracy: sint32
 IsLinear: boolean
 Hysteresis: uint32
 LowerThresholdNonCritical: sint32
 UpperThresholdNonCritical: sint32
 LowerThresholdCritical: sint32
 UpperThresholdCritical: sint32
 LowerThresholdFatal: sint32
 UpperThresholdFatal: sint32
 SupportedThresholds: uint16[]
 EnabledThresholds: uint16[]
 SettableThresholds: uint16[]

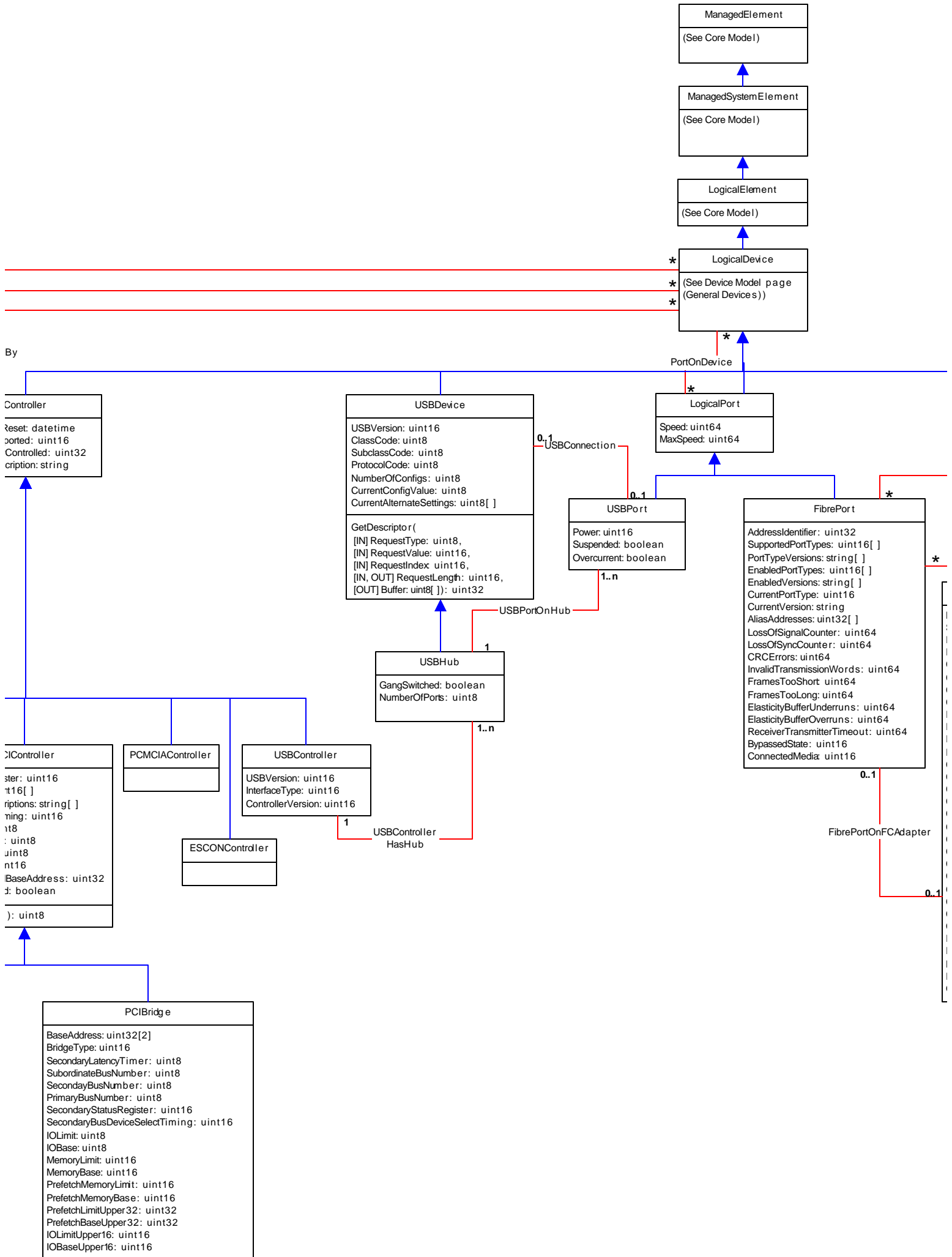
RestoreDefaultThresholds(): uint32
 GetNonLinearFactors([IN] SensorReading: sint32, [OUT] Accuracy: sint32, [OUT] Resolution: uint32, [OUT] Tolerance: sint32, [OUT] Hysteresis: uint32): uint32

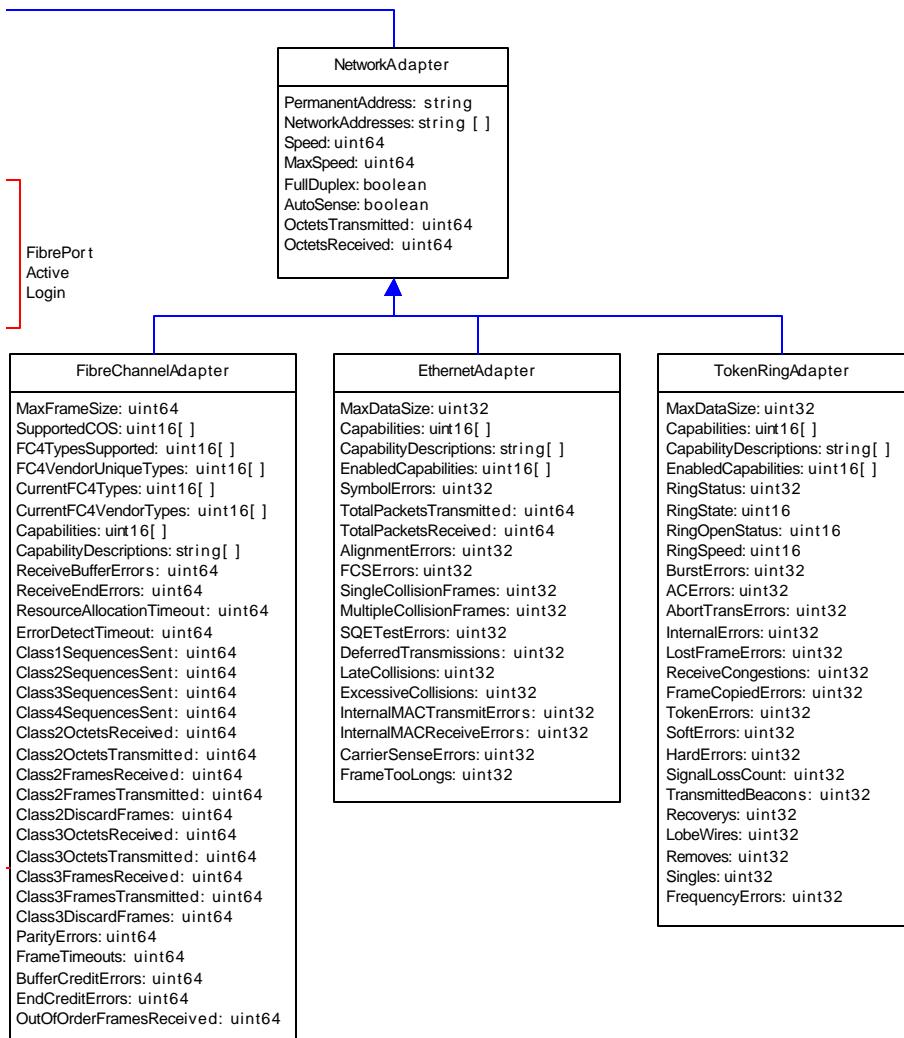
CurrentSensor
 Tachometer
 TemperatureSensor









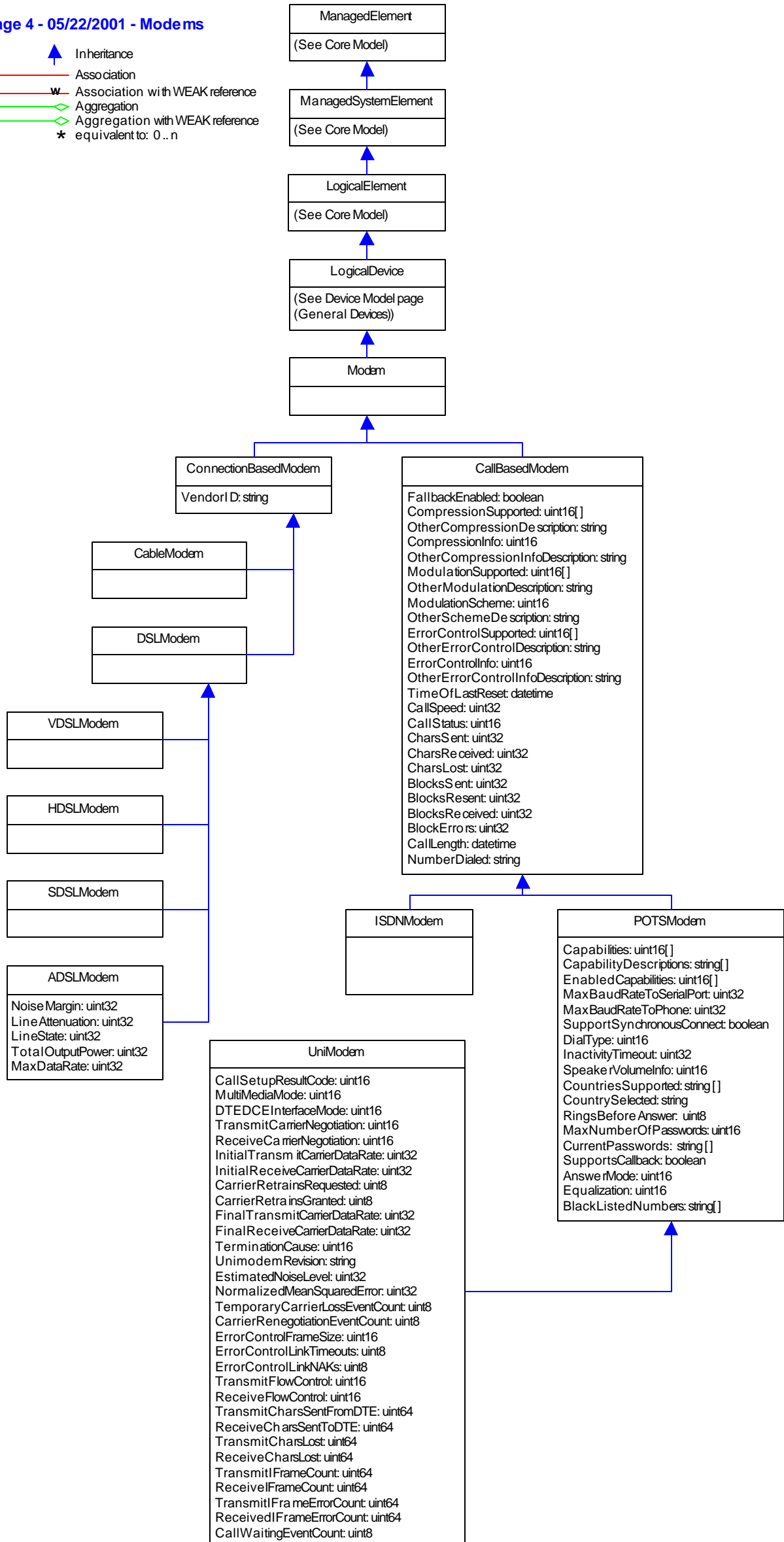
-  Inheritance
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-  Aggregation with WEAK reference
-  equivalent to: 0 .. n

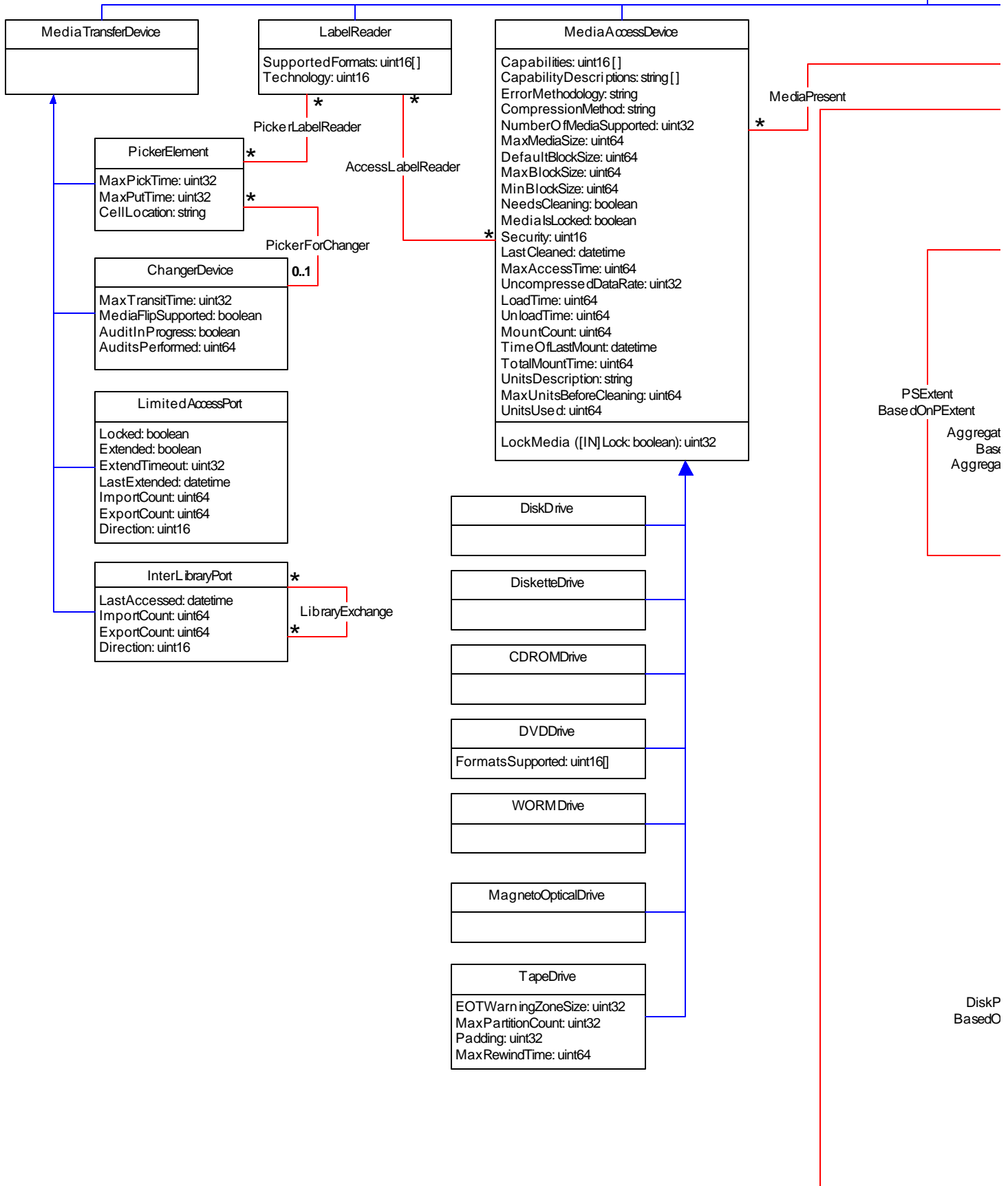
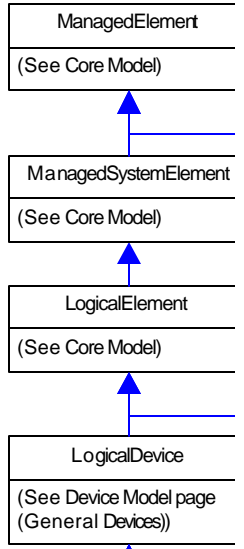
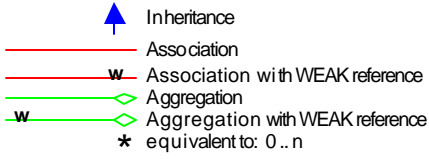


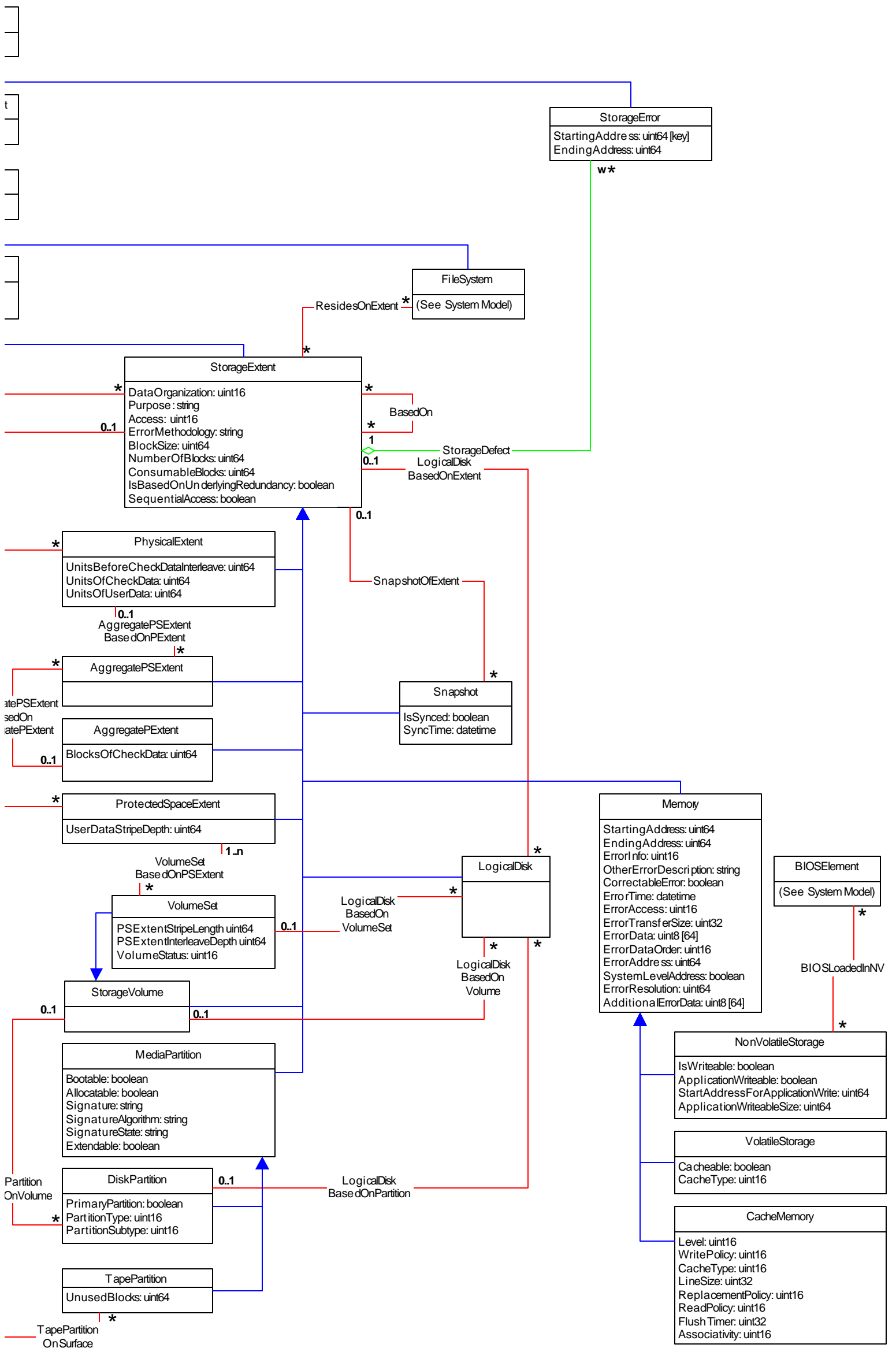










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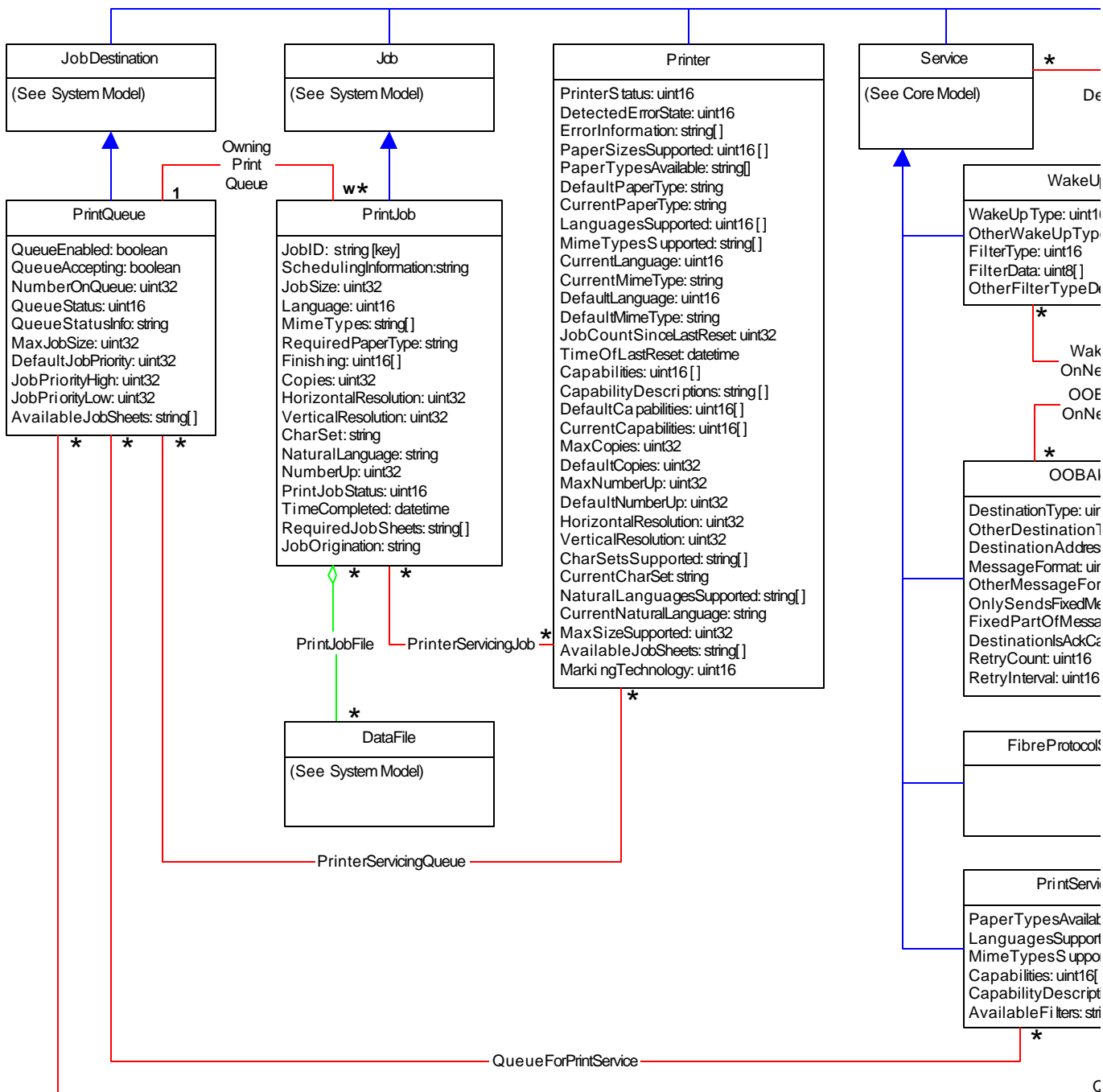


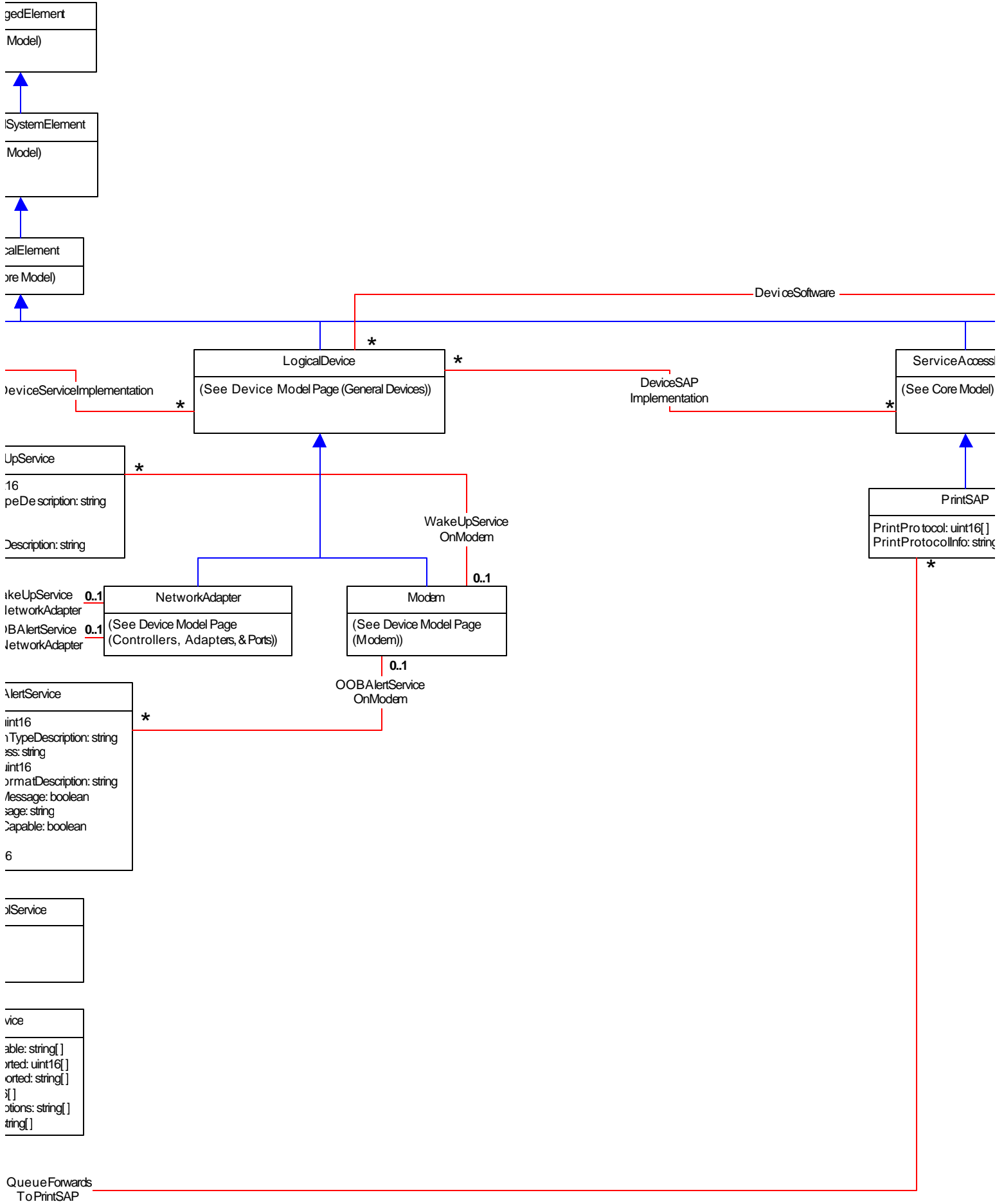
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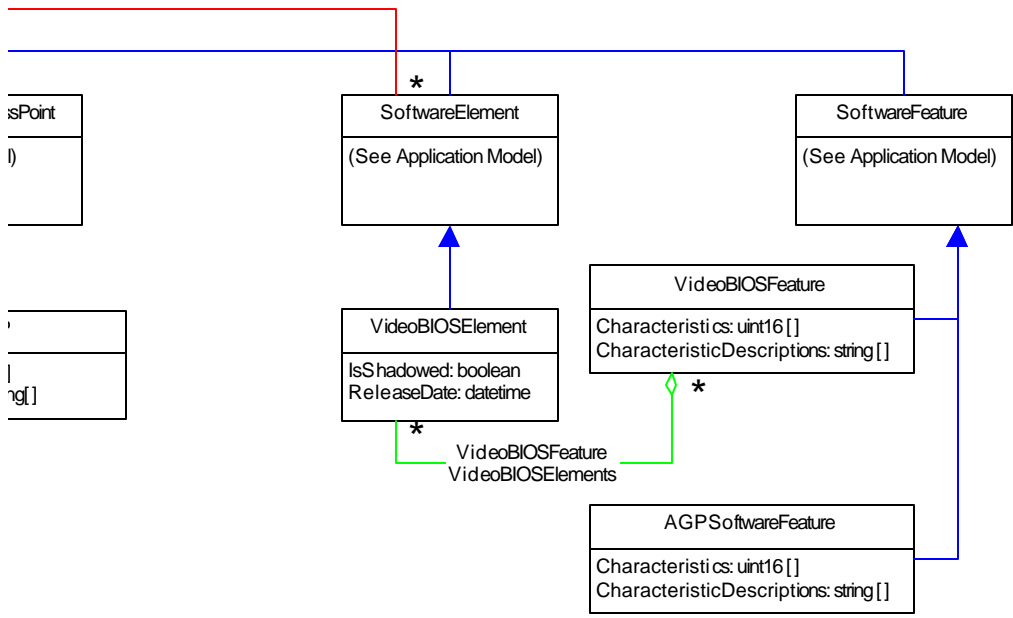
ManagedS
(See Core Model)

ManagedS
(See Core Model)

Logical
(See Core Model)







- ▲ Inheritance
- Association
- w Association with WEAK reference
- ◊ Aggregation
- ◊-w Aggregation with WEAK reference
- *** equivalent to: 0..n

