








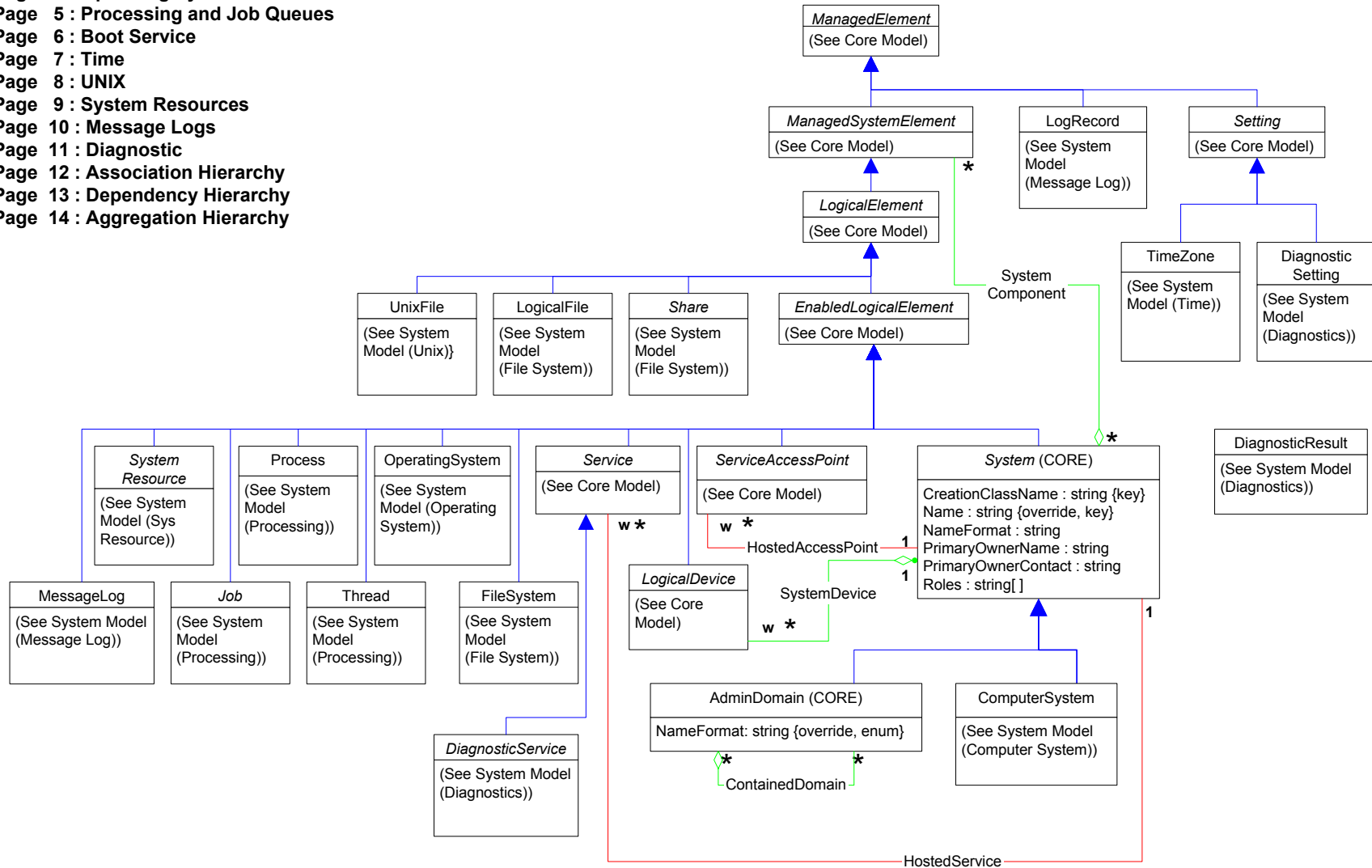


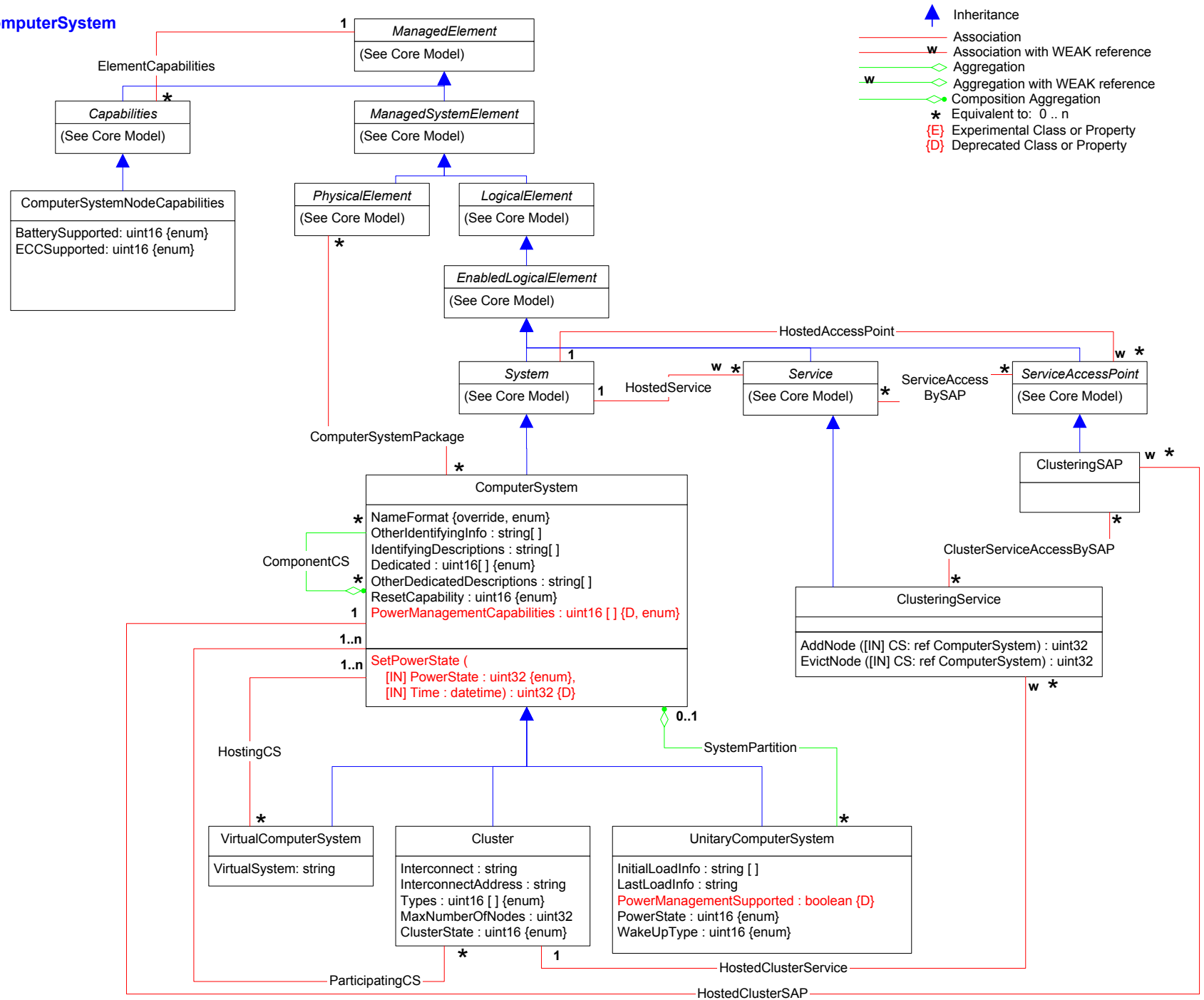
Title : System Specification 2.8 (UML diagram)
Filename : CIM_System28-Final.vsd
Author : DMTF SysDev-wg
Date : 01/26/2004

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-  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

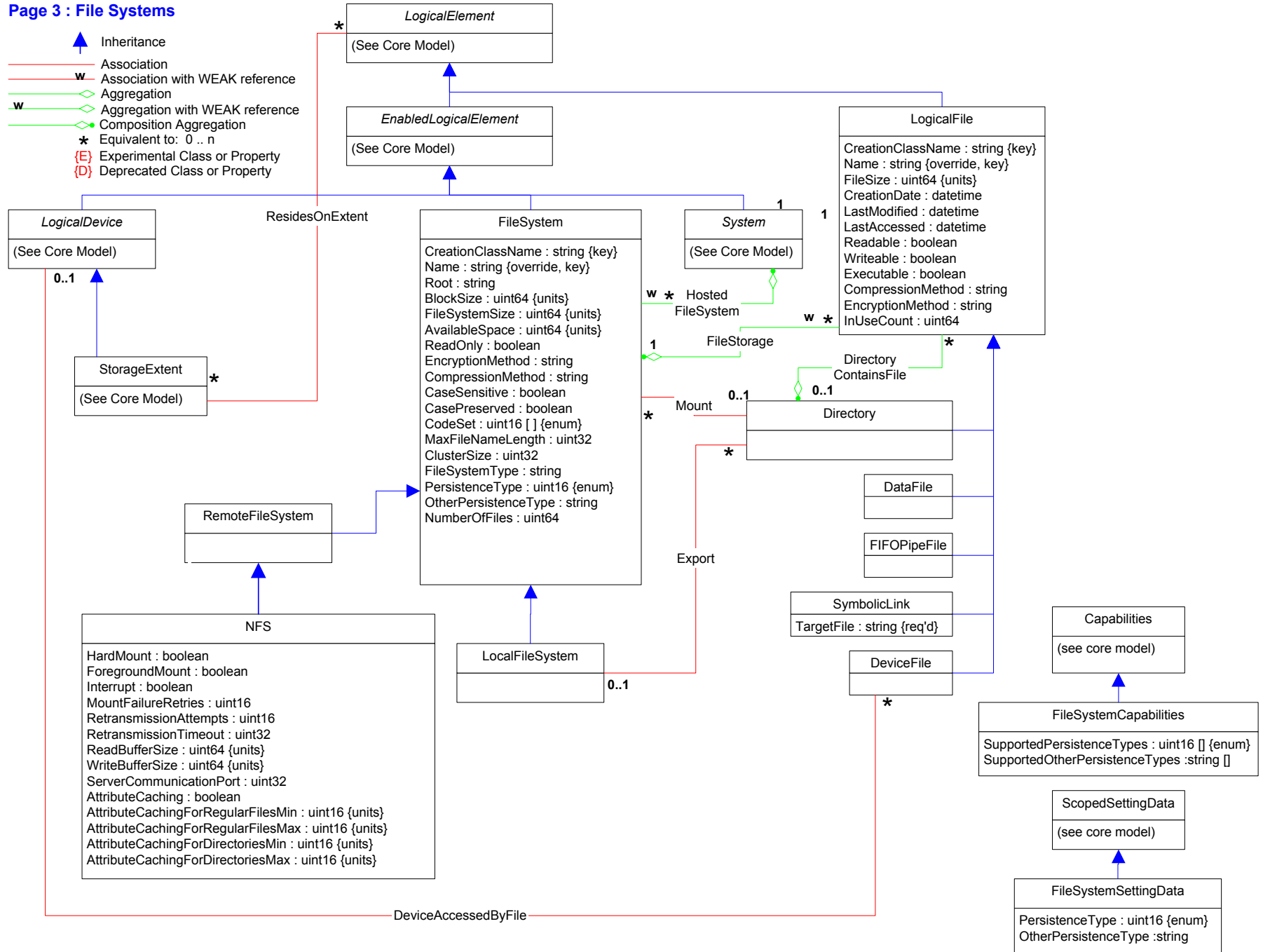


Page 2 : ComputerSystem












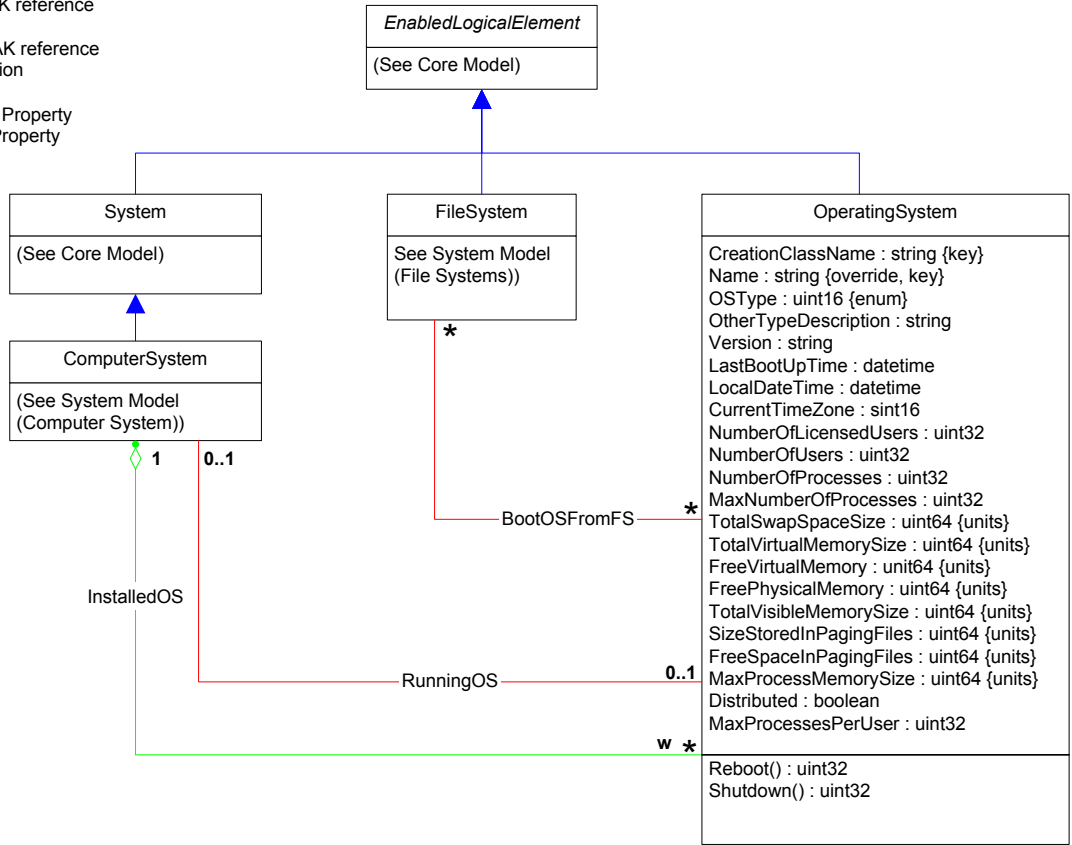
Page 3 : File Systems

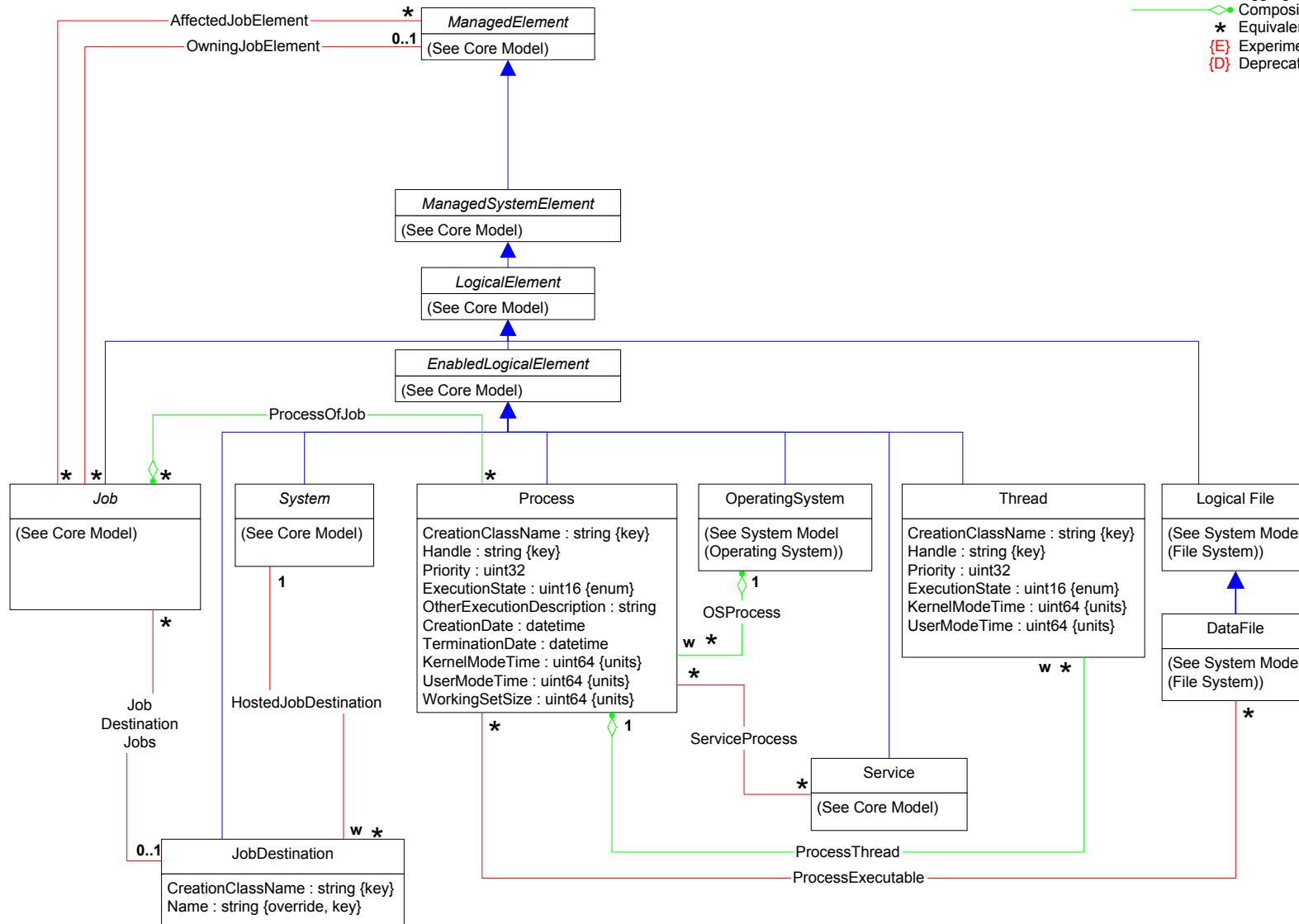
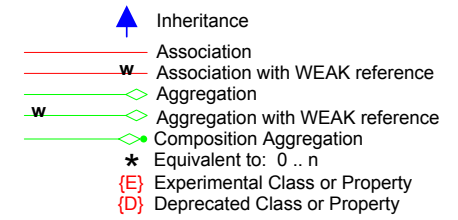
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-  Composition Aggregation with WEAK reference
-  Equivalent to: 0 .. n
-  (E) Experimental Class or Property
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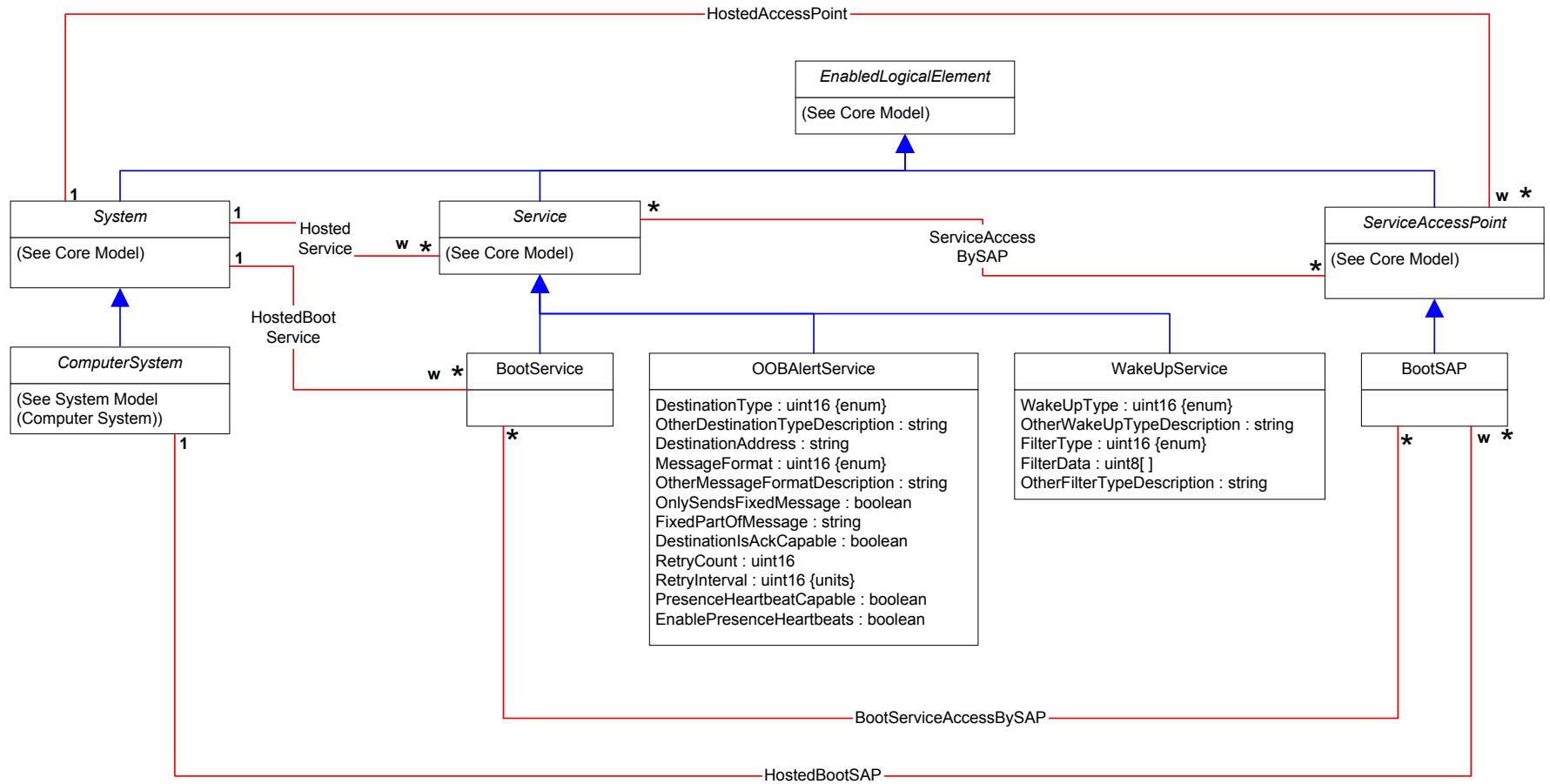
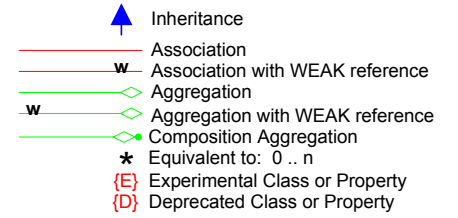


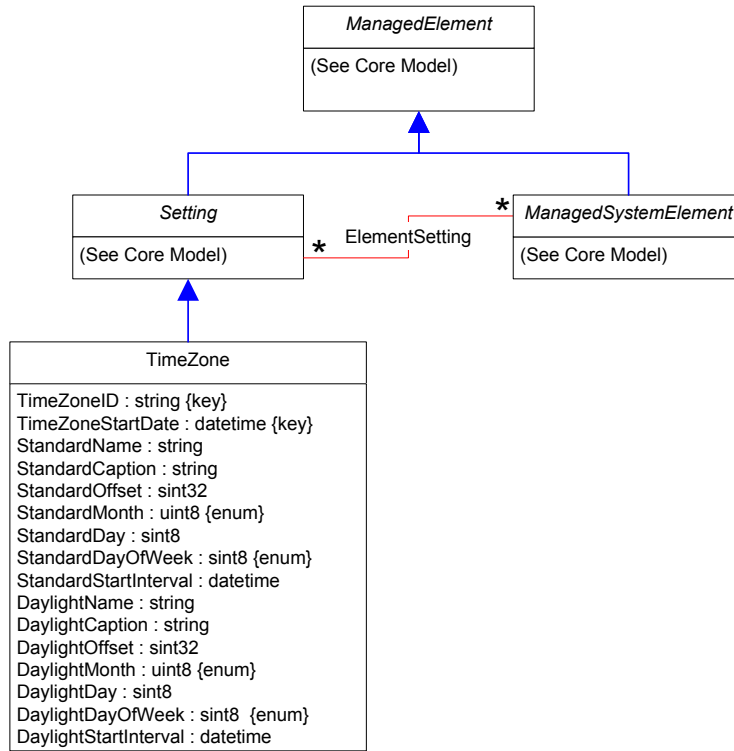
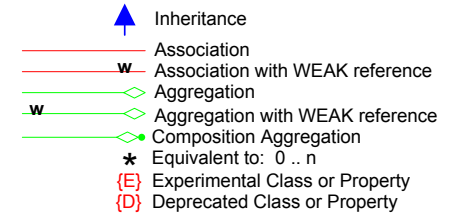
Page 4 : Operating System

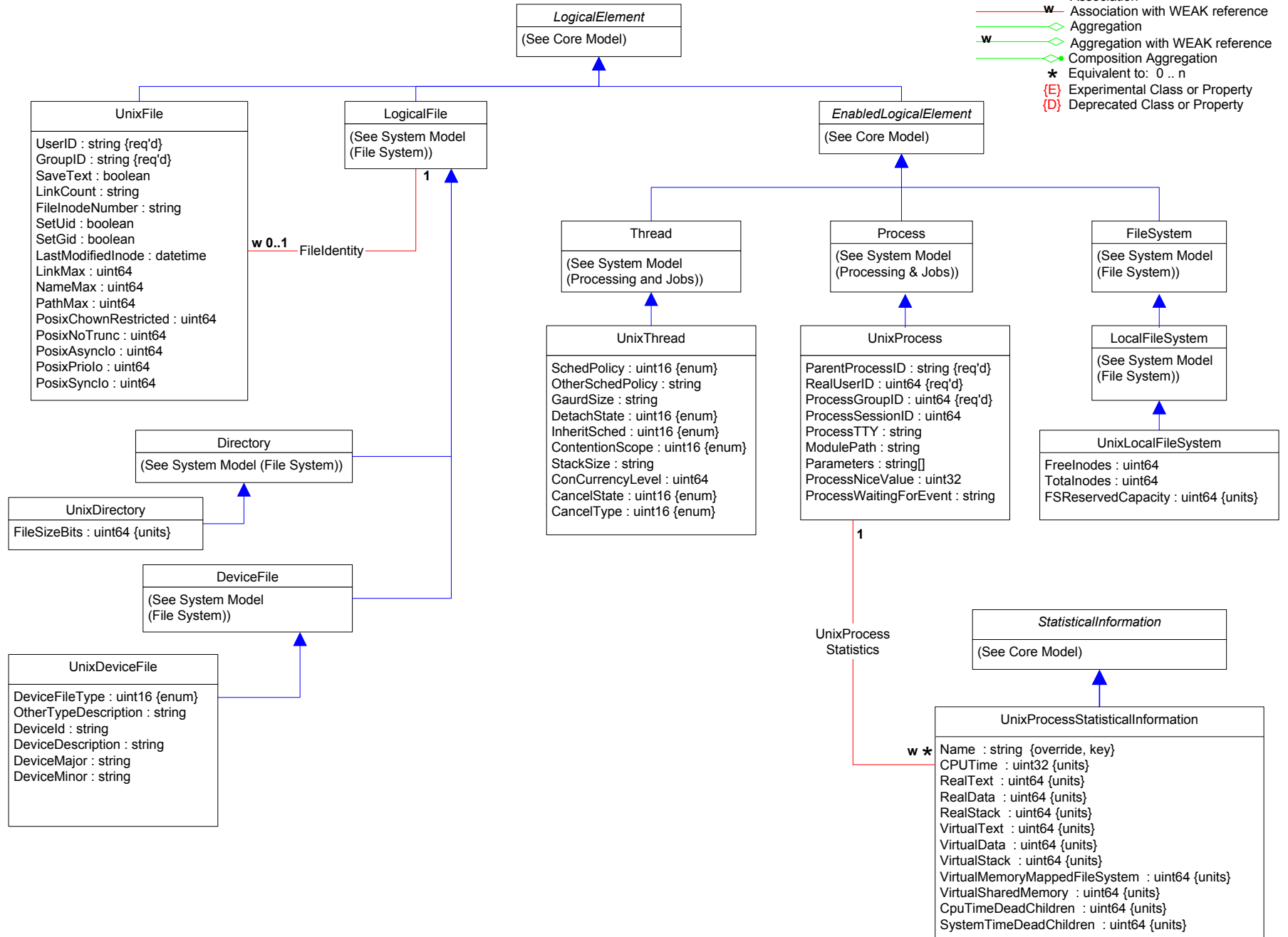
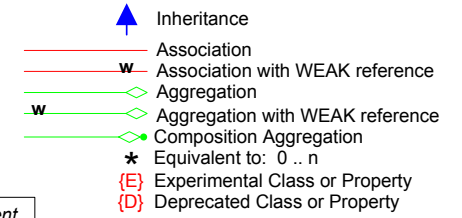
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-  Association
-  Association with WEAK reference
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-  Aggregation with WEAK reference
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-  Equivalent to: 0..n
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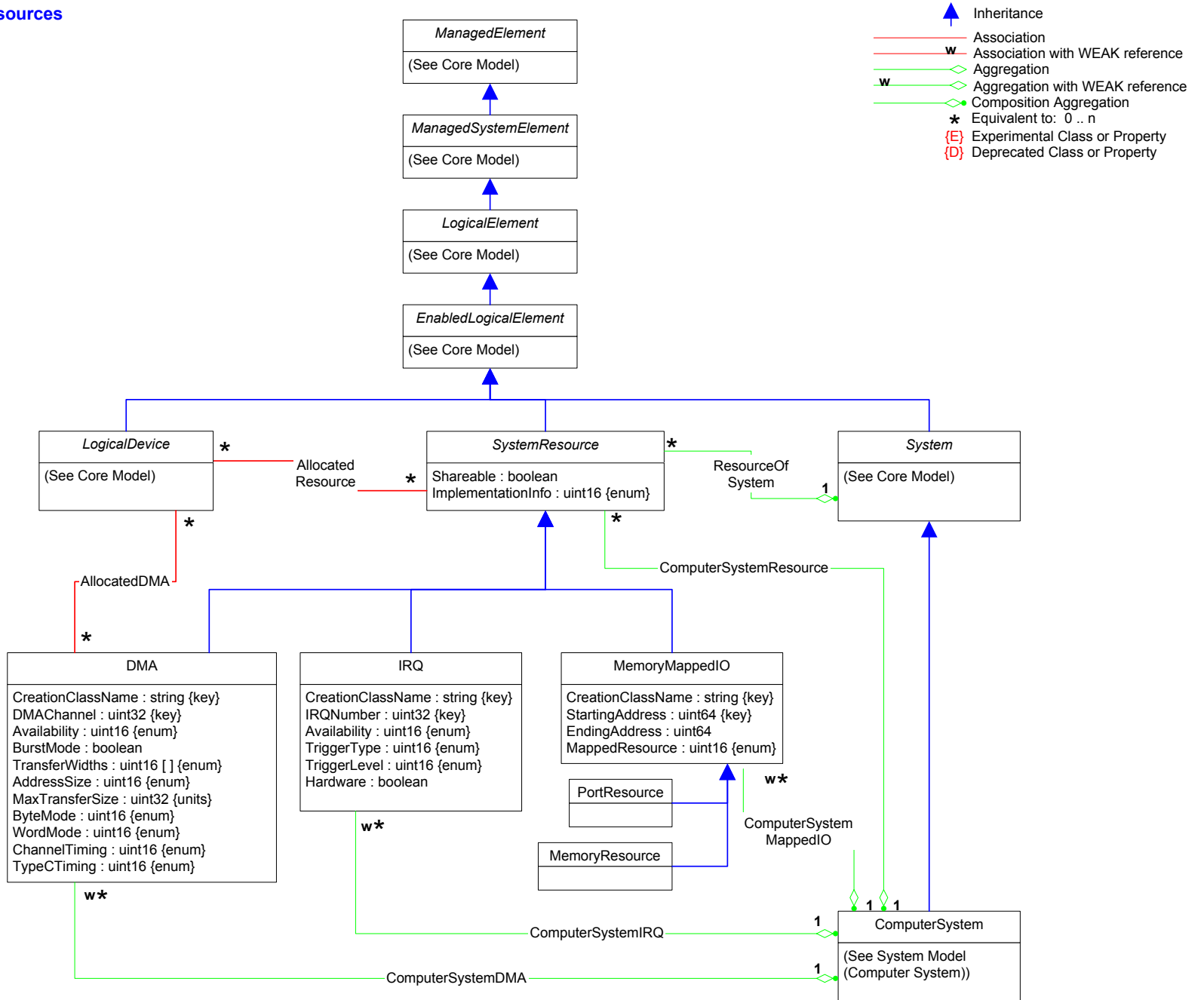


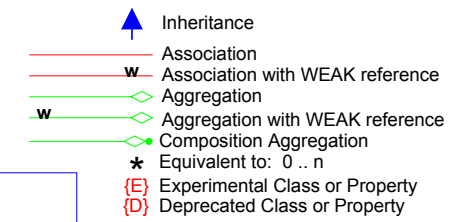








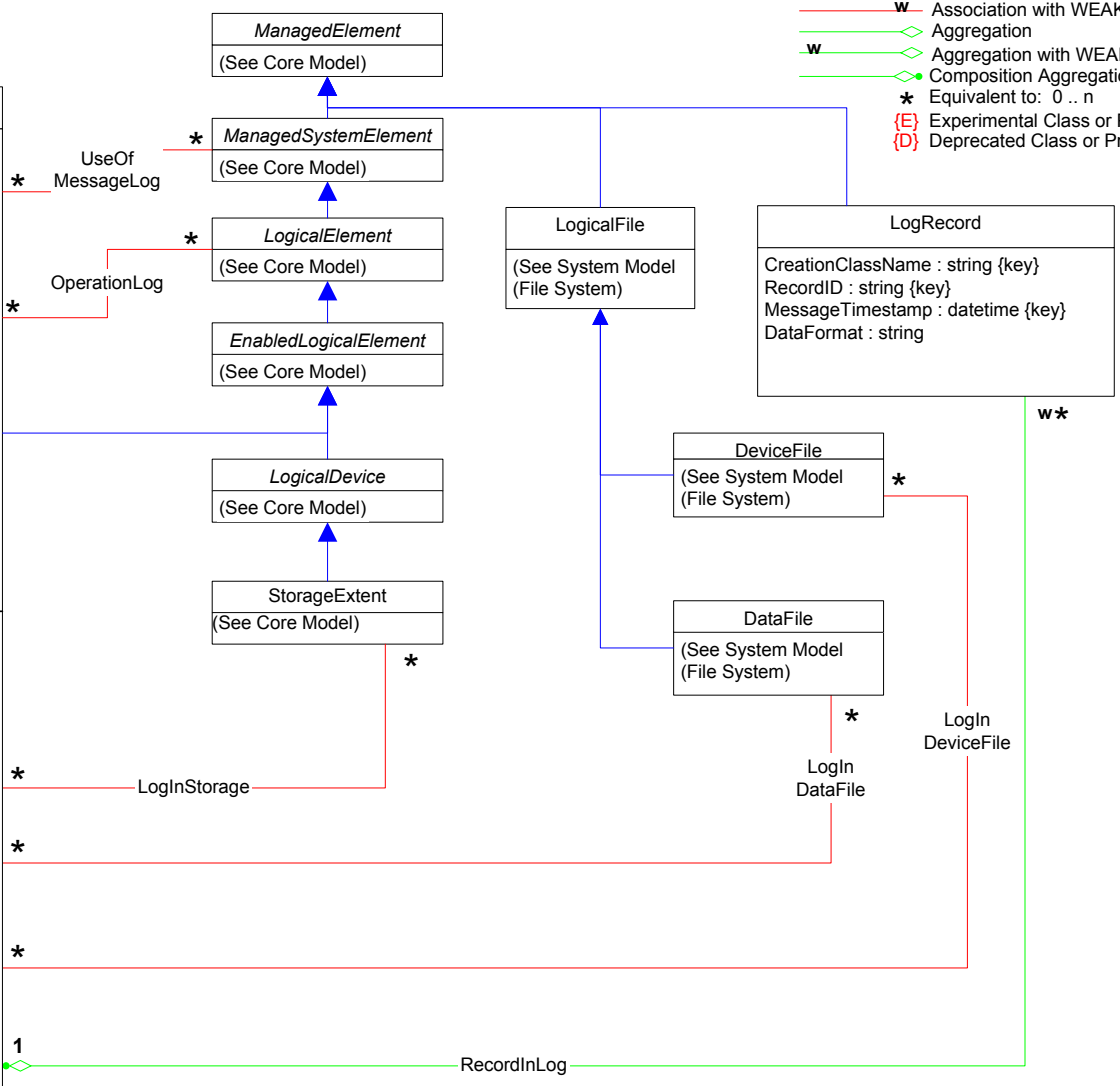


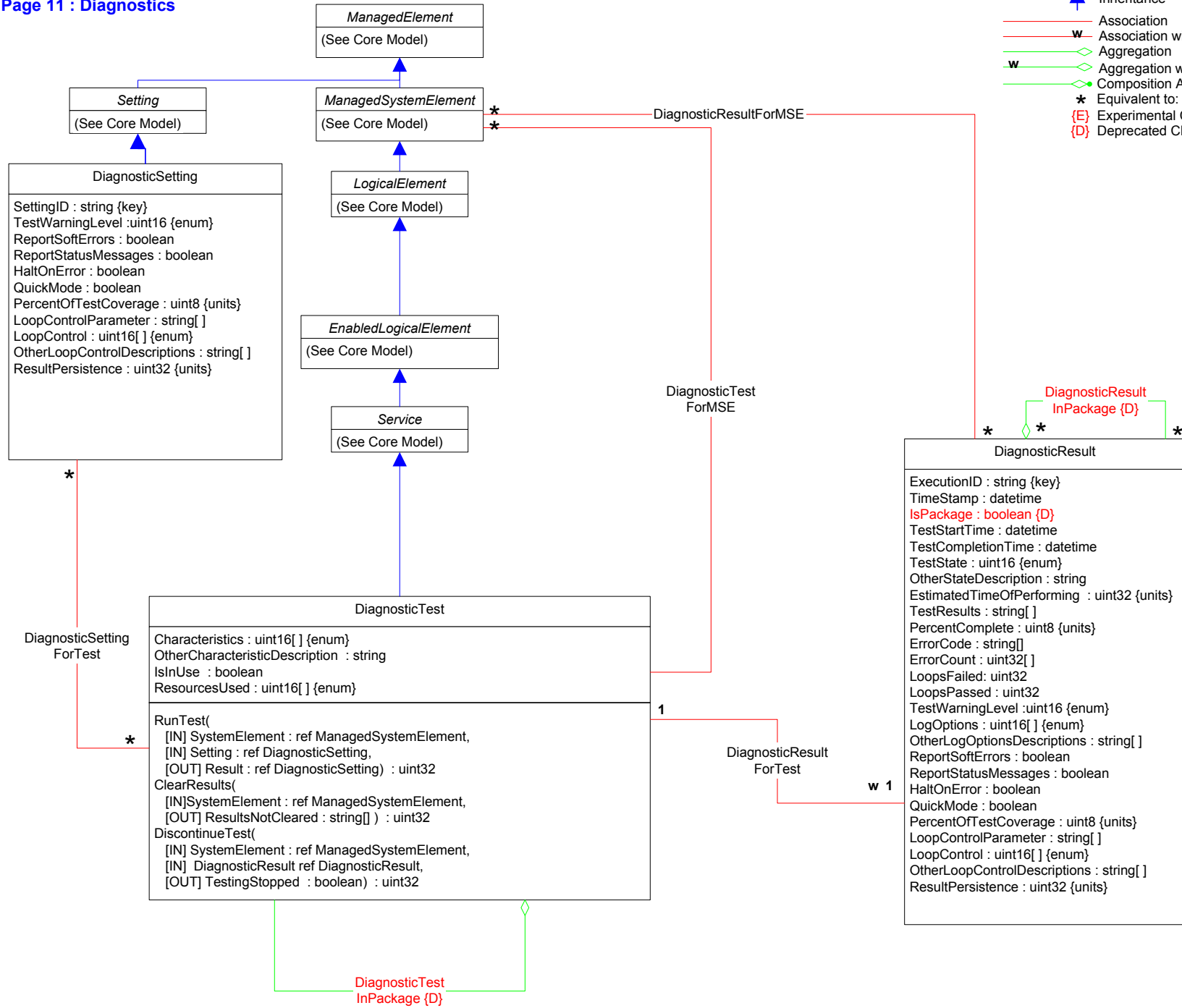
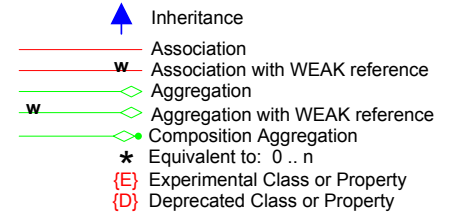


MessageLog

CreationClassName : string {key}
 Name : string {override, key}
 Capabilities : uint16 [] {enum}
 CapabilitiesDescriptions : string []
 MaxLogSize : uint64 {units}
 SizeOfHeader : uint64 {units}
 HeaderFormat : string
 MaxRecordSize : uint64 {units}
 SizeOfRecordHeader : uint64 {units}
 RecordHeaderFormat : string
 MaxNumberOfRecords : uint64
 CurrentNumberOfRecords : uint64
 OverWritePolicy : uint16 {enum}
 OtherPolicyDescription : string
 TimeWhenOutdated : datetime
 PercentageNearFull : uint8 {units}
 LastChange : uint16 {enum}
 TimeOfLastChange : datetime
 RecordLastChanged : uint64
 IsFrozen : boolean
 CharacterSet : uint16 {enum}

ClearLog () : uint32
 PositionToFirstRecord ([OUT] IterationIdentifier : string) : uint32
 PositionAtRecord ([IN, OUT] IterationIdentifier : string, [IN] MoveAbsolute : boolean, [IN, OUT] RecordNumber : sint64) : uint32
 GetRecord([IN, OUT] IterationIdentifier : string, [IN] PositionToNext : boolean, [OUT] RecordNumber : uint64, [OUT] RecordData : uint8[]) : uint32
 DeleteRecord ([IN/OUT] IterationIdentifier : string, [IN] PositionToNext : boolean, [OUT] RecordNumber : uint64, [OUT] RecordData : uint8[]) : uint32
 WriteRecord ([IN/OUT] IterationIdentifier : string, [IN] PositionToNext : boolean, [OUT] RecordNumber : uint64, [IN] RecordData : uint8[]) : uint32
 CancellIteration([IN] IterationIdentifier : string) : uint32
 FreezeLog ([IN] Freeze : boolean) : uint32
 FlagRecordForOverwrite ([IN, OUT] IterationIdentifier : string, [IN] PositionToNext : boolean, [OUT] RecordNumber : uint64) : uint32





Page 12 : Association Hierarchy

AffectedJobElement
AffectedElement : ref ManagedElement {key, *} AffectingElement : ref Job {key, *} ElementEffects : uint16[] {enum} OtherElementEffectsDescriptions : string[]

LogicalIdentity (CORE)
SystemElement : ref ManagedElement {key, *} SameElement : ref ManagedElement {key, *}

OwningJobElement
OwningElement : ref ManagedElement {key, 0..1} OwnedElement : ref Job {key, *}

FileIdentity
SystemElement : ref LogicalFile {1} SameElement : ref UnixFile {weak, 0..1}



DiagnosticResultForMSE
Result : ref DiagnosticResult {key, *} SystemElement : ref ManagedSystemElement {key, *}

DiagnosticResultForTest
Result : ref DiagnosticResult {key, weak, 1} DiagnosticTest : ref DiagnosticTest {key, 1}

ElementSetting (CORE)
Element : ref ManagedSystemElement {key, *} Setting : ref Setting {key, *}

DiagnosticSettingForTest
Element : ref DiagnosticTest {*} Setting : ref DiagnosticSetting {*}



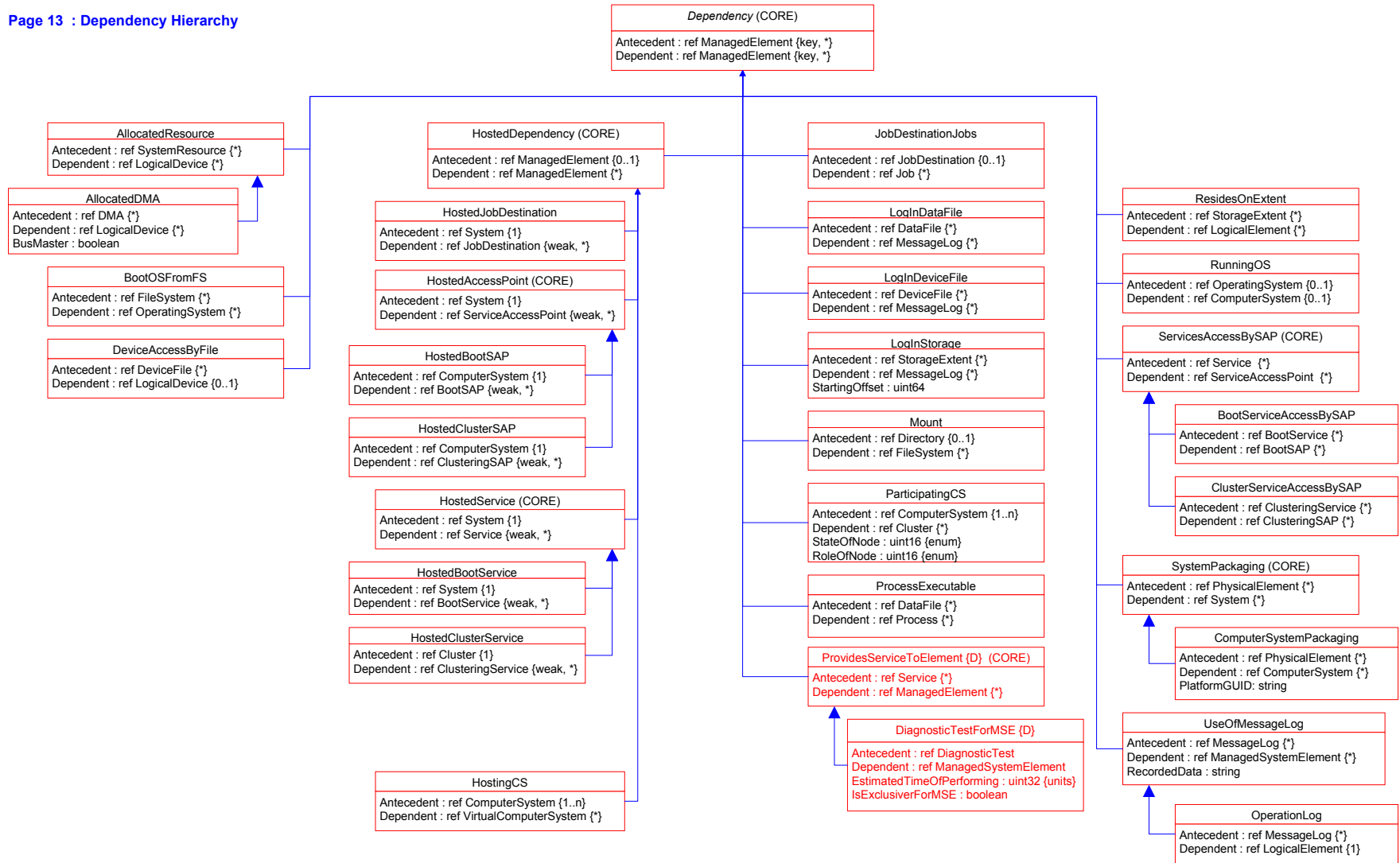
Export
LocalFS : ref LocalFileSystem {key, 0..1} Directory : ref Directory {key, *} ExportedDirectoryName : string

ServiceProcess
Service : ref Service {key, *} Process : ref Process {key, *} ExecutionType : uint16 {enum}

Statistics (CORE)
Stats : ref StatisticalInformation {key, *} Element : ref ManagedElement {key, *}

UnixProcessStatistics
Stats : ref UnixProcessStatisticalInformation {weak, *} Element : ref UnixProcess {1}





Page 14 : Aggregation Hierarchy

