PhysicalMedia

Capacity: uint64 (units)
MediaType: uint16 (enum)
MediaDescription: string
WriteProtectOn: boolean
CleanerMedia: boolean
MediaSize: real32 (units)
MaxMounts: uint64
MountCount: uint64
DualSided: boolean
PhysicalLabels: string[]
LabelStates: uint16[] (enum)
LabelFormats: uint16[] (enum)
TimeOfLastMount: datetime
TotalMountTime: uint64 (units)

PhysicalComponent

RemovalConditions: uint16 (enum)
Removable: boolean (D)
Replaceable: boolean (D)
HotSwappable: boolean (D)

PackagedComponent

PhysicalPackage

Card

PhysicalMemory

MemoryType: uint16 (enum)
TotalWidth: uint16 (units)
DataWidth: uint16 (units)
Speed: uint32 (units)
Capacity: uint64 (units)
MaxMemorySpeed: uint32
ConfiguredMemoryClockSpeed: uint32

MemoryWithMedia

TapeLength: real32 (units)
UnloadAnywhere: boolean

Inheritance

Association
Association with WEAK reference
Aggregation
Aggregation with WEAK reference
Composition
Aggregation with WEAK reference

* Equivalent to: 0..n
(E) Experimental Class or Property
(D) Deprecated Class or Property

ManagedElement

ManagedSystemElement

PhysicalMediaLocation

PhysicalMediaInLocation

PhysicalElement

(See Physical Model (Physical Overview))

StorageMediaLocation

(See Physical Model (Connector, Link, & Package))

Chip

Card

MemoryOnCard

ManagedSystemElement

(See Core Model)

ManagedElement

(See Core Model)
Page 4 - Physical Capacity and Replacement Sets

**PhysicalCapacity**
- Name: string

**MemoryCapacity**
- Name: string (override, key)
- MemoryType: uint16 (key, enum)
- MinimumMemoryCapacity: uint64
- MaximumMemoryCapacity: uint64 (units)
- Maximum: uint32
- VendorCompatibilityStrings[]: string

**ConfigurationCapacity**
- Name: string (override, key)
- ObjectType: uint16 (key, enum)
- OtherTypeDescription: string
- MinimumCapacity: uint64
- MaximumCapacity: uint64
- Increment: uint32
- VendorCompatibilityStrings[]: string

**ManagedElement**
(See Core Model)

**ManagedSystemElement**
(See Core Model)

**Collection**
(See Core Model)

**ReplacementSet**
- Name: string (key)

**PhysicalElement**
See Physical Model (Physical Overview)

**ReplacementSet**
- Name: string

**ElementCapacity**
1..n

**ParticipatesInSet**
(D)

**Association**
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
PhysicalElement
(See Physical Model)
(Physical Overview)

ManagedElement
(See Core Model)

ManagedSystemElement
(See Core Model)

StatisticalInformation
(See Core Model)

StatisticalData
(See Core Model)

PhysicalElement
See Physical Model
(Physical Overview)

PhysicalStatisticalInformation
(See Core Model)

MediaPhysicalStatData

ScanSuccesses : uint64
ScanFailures : uint64
ScanRetries : uint64
PickSuccesses : uint64
PickFailures : uint64
PickRetries : uint64
PutSuccesses : uint64
PutFailures : uint64
PutRetries : uint64

ResetCounter :
[IN] SelectedCounter: uint16 (enum)
) : uint32 [D]
FRUInfoSupported: boolean

PhysicalAssetCapabilities

Capabilites

(See Core Model)