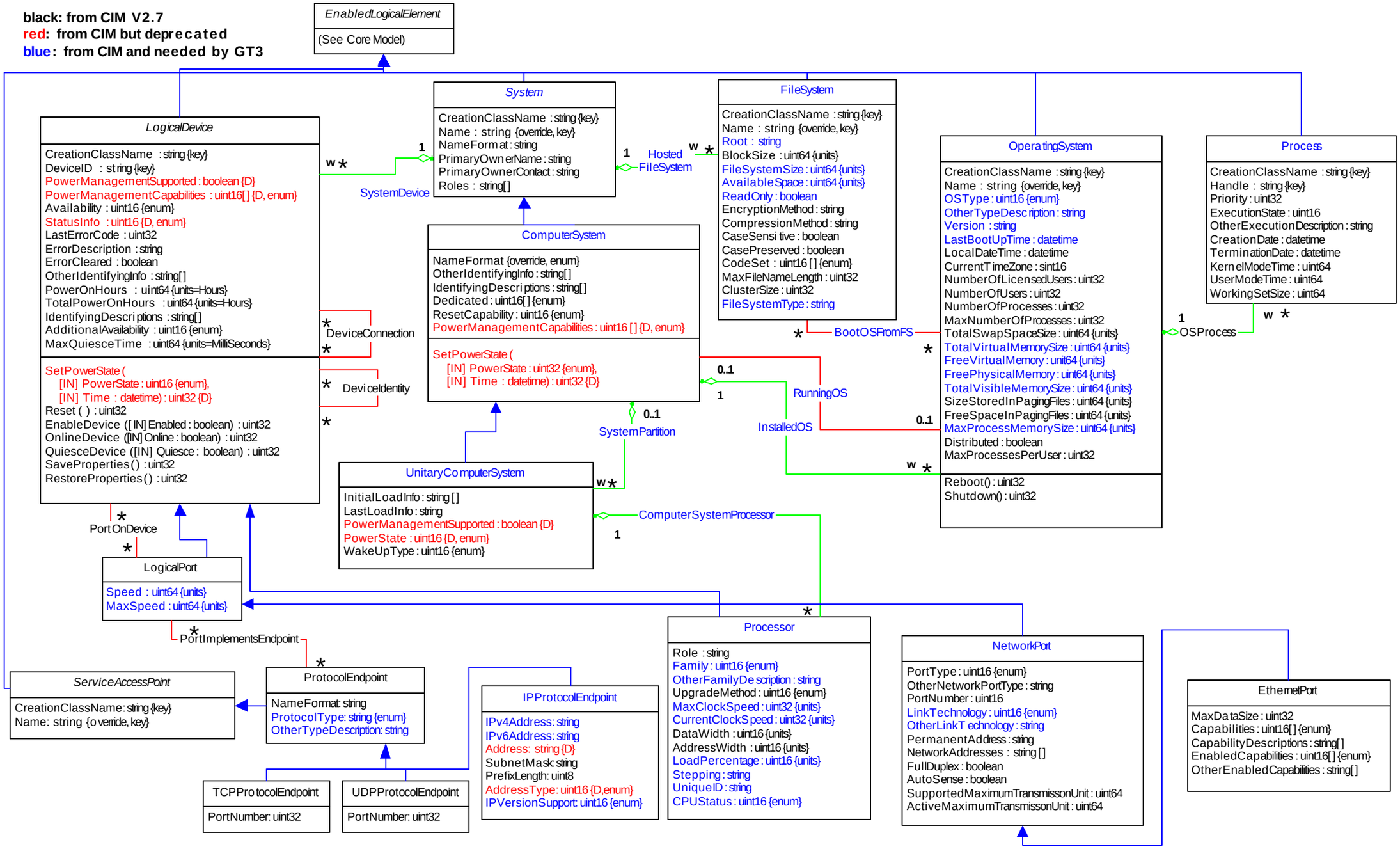
black: from CIM V2.7
red: from CIM but deprecated
blue: from CIM and needed by GT3
EnabledLogicalElement
(See Core Model)
System
CreationClassName : string {key}
Name : string {override, key}
NameFormat : string
PrimaryOwnerName : string
PrimaryOwnerContact : string
Roles : string[]
FileSystem
CreationClassName : string {key}
Name : string {override, key}
Root : string
BlockSize : uint64 {units}
FileSystemSize : uint64 {units}
AvailableSpace : uint64 {units}
ReadOnly : boolean
EncryptionMethod : string
CompressionMethod : string
CaseSensitive : boolean
CasePreserved : boolean
CodeSet : uint16 [] {enum}
MaxFileNameLength : uint32
ClusterSize : uint32
FileSystemType : string
LogicalDevice
CreationClassName : string {key}
DeviceID : string {key}
PowerManagementSupported : boolean {D}
PowerManagementCapabilities : uint16[] {D, enum}
Availability : uint16 {enum}
StatusInfo : uint16 {D, enum}
LastErrorCode : uint32
ErrorDescription : string
ErrorCleared : boolean
OtherIdentifyingInfo : string[]
PowerOnHours : uint64 {units=Hours}
TotalPowerOnHours : uint64 {units=Hours}
IdentifyingDescriptions : string[]
AdditionalAvailability : uint16 {enum}
MaxQuiesceTime : uint64 {units=MilliSeconds}
SetPowerState (
[IN] PowerState : uint32 {enum},
[IN] Time : datetime) : uint32 {D}
Reset () : uint32
EnableDevice ([IN] Enabled : boolean) : uint32
OnlineDevice ([IN] Online : boolean) : uint32
QuiesceDevice ([IN] Quiesce : boolean) : uint32
SaveProperties () : uint32
RestoreProperties () : uint32
SystemDevice
Hosted FileSystem
ComputerSystem
NameFormat {override, enum}
OtherIdentifyingInfo : string[]
IdentifyingDescriptions : string[]
Dedicated : uint16[] {enum}
ResetCapability : uint16 {enum}
PowerManagementCapabilities : uint16 [] {D, enum}
SetPowerState (
[IN] PowerState : uint32 {enum},
[IN] Time : datetime) : uint32 {D}
DeviceConnection
DeviceIdentity
BootOSFromFS
RunningOS
InstalledOS
SystemPartition
OperatingSystem
CreationClassName : string {key}
Name : string {override, key}
OSType : uint16 {enum}
OtherTypeDescription : string
Version : string
LastBootUpTime : datetime
LocalDateTime : datetime
CurrentTimeZone : sint16
NumberOfLicensedUsers : uint32
NumberOfUsers : uint32
NumberOfProcesses : uint32
MaxNumberOfProcesses : uint32
TotalSwapSpaceSize : uint64 {units}
TotalVirtualMemorySize : uint64 {units}
FreeVirtualMemory : uint64 {units}
FreePhysicalMemory : uint64 {units}
TotalVisibleMemorySize : uint64 {units}
SizeStoredInPagingFiles : uint64 {units}
FreeSpaceInPagingFiles : uint64 {units}
MaxProcessMemorySize : uint64 {units}
Distributed : boolean
MaxProcessesPerUser : uint32
Reboot() : uint32
Shutdown() : uint32
OSProcess
Process
CreationClassName : string {key}
Handle : string {key}
Priority : uint32
ExecutionState : uint16
OtherExecutionDescription : string
CreationDate : datetime
TerminationDate : datetime
KernelModeTime : uint64
UserModeTime : uint64
WorkingSetSize : uint64
UnitaryComputerSystem
InitialLoadInfo : string []
LastLoadInfo : string
PowerManagementSupported : boolean {D}
PowerState : uint16 {D, enum}
WakeUpType : uint16 {enum}
ComputerSystemProcessor
PortOnDevice
LogicalPort
Speed : uint64 {units}
MaxSpeed : uint64 {units}
PortImplementsEndpoint
ServiceAccessPoint
CreationClassName: string {key}
Name: string {override, key}
ProtocolEndpoint
NameFormat: string
ProtocolType: string {enum}
OtherTypeDescription: string
TCPProtocolEndpoint
PortNumber: uint32
UDPProtocolEndpoint
PortNumber: uint32
IPProtocolEndpoint
IPv4Address: string
IPv6Address: string
Address: string {D}
SubnetMask string
PrefixLength: uint8
AddressType: uint16 {D,enum}
IPVersionSupport: uint16 {enum}
Processor
Role : string
Family : uint16 {enum}
OtherFamilyDescription : string
UpgradeMethod : uint16 {enum}
MaxClockSpeed : uint32 {units}
CurrentClockSpeed : uint32 {units}
DataWidth : uint16 {units}
AddressWidth : uint16 {units}
LoadPercentage : uint16 {units}
Stepping : string
UniqueID : string
CPUStatus : uint16 {enum}
NetworkPort
PortType : uint16 {enum}
OtherNetworkPortType : string
PortNumber : uint16
LinkTechnology : uint16 {enum}
OtherLinkTechnology : string
PermanentAddress : string
NetworkAddresses : string []
FullDuplex : boolean
AutoSense : boolean
SupportedMaximumTransmissonUnit : uint64
ActiveMaximumTransmissonUnit : uint64
EthernetPort
MaxDataSize : uint32
Capabilities : uint16[] {enum}
CapabilityDescriptions : string[]
EnabledCapabilities : uint16[] {enum}
OtherEnabledCapabilities : string[]