**CIM_SoftwareElement**

(See Applications Model (Software Element page))

**CIM_ManagedElement**

(See Core Model)

**CIM_DirectorySpecification**

- DirectoryType: uint16
- DirectoryPath: string

**CIM_FileSpecification**

- FileName: string
- CreateTimeStamp: datetime
- FileSize: uint64
- CheckSum: uint32
- CRC1: uint32
- CRC2: uint32
- MD5Checksum: string

**CIM_MemoryCheck**

- MemorySize: uint64 (Units)

**CIM_DiskSpaceCheck**

- AvailableDiskSpace: uint64 (Units)

**CIM_SwapSpaceCheck**

- SwapSpaceSize: uint64 (Units)

**CIM_OSVersionCheck**

- MinimumVersion: string
- MaximumVersion: string

**CIM_ArchitectureCheck**

- ArchitectureType: uint16 (Enum)

**CIM_VersionCompatibilityCheck**

- AllowDownVersion: boolean
- AllowMultipleVersions: boolean
- Reinstall: boolean

**CIM_SoftwareElementVersionCheck**

- SoftwareElementName: string
- LowerSoftwareElementVersion: string
- UpperSoftwareElementVersion: string
- TargetOperatingSystemDesired: uint16 (Enum)

**CIM_SettingCheck**

- SectionKey: string
- EntryName: string
- EntryValue: string
- CheckType: uint16 (Enum)
- FileName: string

**CIM_Check**

- Name: string (Key, Propagated)
- Version: string (Key, Propagated)
- SoftwareElementState: uint16 (Key, Propagated)
- SoftwareElementID: string (Key, Propagated)
- TargetOperatingSystem: uint16 (Key, Propagated, Enum)
- CheckID: string (Key)
- CheckMode: boolean

- Invoke(): uint32
- InvokeOnSystem([IN] CIM_ComputerSystem REF TargetSystem): uint32

**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
CIM_ManagedElement

(See Core Model)

CIM_SoftwareElement

(See Applications Model
(Software Element page))
Page 4 : Associated System Software Features and Elements

- 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

```
CIM_LogicalElement
(See Core Model)

CIM_EnabledLogicalElement
(See Core Model)

CIM_Service
(See Core Model)

CIM_DiagnosticTest
(See System Model)

CIM_System
(See Core Model)

CIM_OperatingSystem
(See System Model)

CIM_OperatingSystemSoftwareFeature

CIM_OperatingSystemSoftwareElements

CIM_DiagnosticTest
Software

CIM_DiagnosticTest
SoftwareFeature

CIM_DiagnosticTest
SoftwareElements

CIM_OperatingSystem
SoftwareFeature

CIM_OperatingSystem
SoftwareElements

CIM_Installed
SoftwareElement

CIM_OperatingSystem

0..1
```

Equivalent to: 0 .. n
BIOS and Device Driver Software

CIM_EnabledLogicalElement
(See Core Model)

CIM_System
(See System Page (System))

CIM_ComputerSystem
(See System Page (System))

CIM_BIOSFeature
Characteristics: uint16 []
CharacteristicDescriptions: string []

CIM_AGPSoftwareFeature
Characteristics: uint16 [] (enum)
CharacteristicDescriptions: string []

CIM_VideoBIOSFeature
Characteristics: uint16 [] (enum)
CharacteristicDescriptions: string []

CIM_BIOSElement

Version: string (Override)
Manufacturer: string (Override)
PrimaryBIOS: boolean
ListIOLanguages: string []
CurrentLanguage: string
LoadedStartingAddress: uint64
LoadedEndingAddress: uint64
LoadedUtilityInformation: string
ReleaseDate: datetime
SystemBIOSMajorRelease: uint8 (E)
SystemBIOSMinorRelease: uint8 (E)
EmbeddedControllerFirmwareMajorRelease: uint8 (E)
EmbeddedControllerFirmwareMinorRelease: uint8 (E)
RegistryURIs: string[]

CIM_VideoBIOSElement

IsShadowed: boolean
ReleaseDate: datetime
Application RunTime Model

Distribution: uint16 [ ] (enum)
EnabledState: uint16 (enum, override)
StartupTime: datetime
ServingStatus: uint16 (enum)
LastServingStatusUpdate: datetime
StartApplication():uint16
StopApplication():uint16
CIM_ElementStatisticalData

(See Core Model)

CIM_AssociatedAppSystemOverviewStatistics

ManagedElement: ref CIM_ApplicationSystem {1}
Stats: ref CIM_StatisticalRuntimeOverview {0..1}

CIM_LogicalIdentity

(See Core Model)

CIM_SWRManageableAspectt (E)

SameElement: ref CIM_SoftwareResource [*]
SystemElement: ref CIM_ManagedElement {1}

CIM_SWRFFileAspect (E)

SameElement: ref CIM_SWRFile [*]
SystemElement: ref CIM_LogicalFile {1}

CIM_SWRPEPAspect (E)

SameElement: ref CIM_SWRPEP [*]
SystemElement: CIM_ProtocolEndpoint {1}

CIM_DIRDirectorySpecificationFile

DirectorySpecification: ref CIM_DIRDirectorySpecification {key, 0..1}
FileSpecification: ref CIM_FILESpecification {key}

CIM_TODirectorySpecification

DestinationDirectory: ref CIM_DIRDirectorySpecification {key, 0..1}
FileName: ref CIM_FILEAction {key}

CIM_FROMDirectorySpecification

SourceDirectory: ref CIM_DIRDirectoryAction {key, 0..1}
FileName: ref CIM_FILEAction {key}

CIM_TODirectoryAction

DestinationDirectory: ref CIM_DIRDirectoryAction {key, 0..1}
FileName: ref CIM_COPYFileAction {key}

CIM_FROMDirectoryAction

SourceDirectory: ref CIM_DIRDirectoryAction {key, 0..1}
FileName: ref CIM_FILEAction {key}

CIM_ActionSequence

Next: ref CIM_Action {key, 0..1}
Prior: ref CIM_Action {key, 0..1}

CIM_InstalledSoftwareElement

Software: ref CIM_SoftwareElement {key}
System: ref CIM_ComputerSystem {key, 0..1}

CIM_InstalledProductImage

Product: ref CIM_Product {key, 1..1}
Collection: ref CIM_InstalledProduct {key, weak, *}

CIM_ApplicationSystemDirectory

Antecedent: ref CIM_Directory {key, *}
Dependent: ref CIM_ApplicationSystem {key, *}
Name: string {Key}
ApplicationDirectoryUses: uint16 [] {enum}
OtherUseDescriptions: string []