**CIM_SoftwareElement**

(See Applications Model (Software Element page))

**CIM_DirectorySpecification**

(See Applications Model (Software Element Checks page))

DirectoryName: string

DirectoryName:

CIM_DirectoryAction

DirectoryName: string

CIM_ExecuteProgram

ProgramPath: string

CommandLine: string

CIM_ExecuteProgram

CIM_ModifySettingAction

SectionKey: string

EntryName: string

EntryValue: string

FileName: string

ActionType: uint16

CIM_RebootAction

CIM_FileAction

CIM_CCreateDirectoryAction

MustBeEmpty: boolean

CIM_RemoveDirectoryAction

CIM_CopyFileAction

Source: string

Destination: string

DeleteAfterCopy: boolean

CIM_RemoveFileAction

CIM_ToDirectoryAction

CIM_ToDirectorySpecification

CIM_FromDirectoryAction

CIM_FromDirectorySpecification

CIM_ManagedElement

(See Core Model)
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_SoftwareFeature

(See Application Model)

CIM_SoftwareElement

(See Application Model)

CIM_SoftwareFeature

SoftwareFeatures

CIM_SoftwareFeature

SoftwareElements

CIM_OperatingSystem

SoftwareFeature

CIM_OperatingSystem

SoftwareFeature

CIM_Service

(See Core Model)

CIM_System

(See Core Model)

CIM_ComputerSystem

(See System Model)

CIM_EnabledLogicalElement

(See Core Model)

CIM_InstalledSoftwareElement

0..1

CIM_DiagnosticTest

Software

CIM_DiagnosticTest

Software
**CIM_ApplicationSystem**

(See Page 1 this model. Properties and methods are repeated since they apply mainly to the application runtime)

- Distribution: uint16 [] (enum)
- EnabledState: uint16 (enum, override)
- StartupTime: datetime
- ServingStatus: uint16 (enum)
- LastServingStatusUpdate: datetime

- StartApplication():uint16
- StopApplication():uint16

**CIM_ApplicationSystemDependency**

**CIM_ApplicationSystemHierarchy**

**CIM_ApplicationRunTimeModel**

**CIM_LogicalElement**

(See Core Model)

**CIM_EnabledLogicalElement**

(See Core Model)

**CIM_ManagedSystemElement**

(See Core Model)

**CIM_ManagedElement**

(See Core Model)

**CIM_StatisticalData**

(See Core Model)

**CIM_StatisticalRuntimeOverview**

- LastActivity: datetime
- NumberOfActiveRequests: uint32
- NumberOfActiveRequestors: uint32
- AverageResponseTime: uint32 [units]

**CIM_AssociatedAppSystemOverviewStatistics**

0..1

Association Aggregation

Composition Aggregation

Inheritance

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
Software Resource Model

CIM_ManagedElement
(See Core Model)

CIM_ManagedSystemElement
(See Core Model)

CIM_LogicalElement
(See Core Model)

CIM_LogicalFile
(See System Model)

CIM_EnabledLogicalElement
(See Core Model)

SoftwareResource (E)
ByReference: uint16
IsAspect: uint16
SoftwareResourceType: uint16
InstanceID: string
AspectInUse: uint16
Reinitialize(): uint32 (enum)

SWRFile (E)
ByReference: uint16 (override)
IsAspect: uint16 (override)
SoftwareResourceType: uint16 (override)

SWRPEP (E)
ByReference: uint16 (override)
IsAspect: uint16 (override)
SoftwareResourceType: uint16 (override)

SWRDatabase (E)
ByReference: uint16 (override)
IsAspect: uint16 (override)
SoftwareResourceType: uint16 (override)

SWRFileAspect

SWRPEPAspect

CIM_ServiceAccessPoint
(See Core Model)

CIM_ProtocolEndpoint
(See Core Model)

CIM_LogicalElement

CIM_EnabledLogicalElement

CIM_ManagedSystemElement

CIM_ManagedElement

ElementStatisticalData

ElementSettingData

CIM_StatisticalData

SWRLimitSetting (E)
LastActivity: datetime
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 (units)

SWROStatistics (E)
AverageTransferTime: datetime
CountOfActiveTransfers: uint32
LastActivity: datetime
OtherTransferredQuantity: uint32
SuccessfulQuantity: uint32
SuccessfulTransfers: uint32
TransferredQuantity: uint32
Transfers: uint32

SWRAllocationStatistics (E)
AllocationHighWaterMark: uint32
AllocationLevel: uint32
AverageItemResidenceTime: datetime
DroppedAllocationQuantity: uint32
HighWaterMarkTimeStam: datetime
OtherAllocationLevel: uint32
**CIM_Component**

GroupComponent: ref CIM_Component (key, *)
PartComponent: ref ManagedElement (key, *)

**CIM_SystemComponent**

GroupComponent: ref System (*)
PartComponent: ref ManagedSystemElement (*)

**CIM_ApplicationSystemSoftwareFeature**

GroupComponent: ref CIM_ApplicationSystem (*)
PartComponent: ref CIM_SoftwareFeature (*)

**CIM_SystemBIOS**

GroupComponent: ref CIM_ComputerSystem (0..1)
PartComponent: ref CIM_BIOSElement (*)

**CIM_BIOSFeatureBIOSElements**

GroupComponent: ref CIM_BIOSFeature (*)
PartComponent: ref CIM_BIOSElement (*)

**CIM_VideoBIOSFeatureBIOSElements**

GroupComponent: ref CIM_VideoBIOSFeature (*)
PartComponent: ref CIM_VideoBIOSElement (*)

**CIM_OperatingSystemSoftwareFeature**

GroupComponent: ref CIM_OperatingSystem (*)
PartComponent: ref CIM_SoftwareFeature (*)

**CIM_ApplicationSystemHierarchy**

GroupComponent: ref CIM_ApplicationSystem (0..1)
PartComponent: ref CIM_SoftwareElement (*)