Page 3  : Software Element Actions

CIM_ManagedElement
(See Core Model)

CIM_SoftwareElement
(See Applications Model (Software Element page))

CIM_Action
0..1
Name:string (Key, Propagated)
Version:string (Key, Propagated)
SoftwareElementState:uint16 (Key, Propagated, Enum)
SoftwareElementID:string (Key, Propagated)
TargetOperatingSystem:uint16 (Key, Propagated, Enum)
ActionID:string (Key)
Direction:uint16 (Enum)

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

* Equivalent to: 0 .. n

CIM_SoftwareElementActions

CIM_FromDirectorySpecification

CIM_ToDirectorySpecification

CIM_DirectoryAction

DirectoryName:string

CIM_ExecuteProgram

ProgramPath:string
CommandLine:string

CIM_ModifySettingAction

SectionKey:string
EntryName:string
EntryValue:string
FileName:string
ActionType:uint16

CIM_RebootAction

CIM_FileAction

CIM_CopyFileAction

Source:string
Destination:string
DeleteAfterCopy:boolean

CIM_RemoveFileAction

File:string

CIM_ToDirectoryAction

CIM_CreateDirectoryAction

MustBeEmpty:boolean

CIM_RemoveDirectoryAction

CIM_FromDirectoryAction

0..1

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
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_ComputerSystem**
(See System Model)

**CIM_OperatingSystem**
(See System Model)

**CIM_OperatingSystemSoftwareFeature**

**CIM_SoftwareFeature**
(See Application Model)
(See System Model)

**CIM_SoftwareElement**
(See Application Model)

**CIM_SoftwareFeature**

**CIM_SoftwareElements**

**CIM_InstalledSoftwareElement**

**CIM_DiagnosticTestSoftware**

**CIM_LogicalElement**

**CIM_LogicalElement**
(See Core Model)
BIOS and Device Driver Software

CIM_LogicalElement
(See Core Model)

CIM_System
(See System Page (System))

CIM_ComputerSystem
(See System Page (System))

CIM_SoftwareFeature
(See Application Model)

CIM_SoftwareElement
(See Application Model)

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)
LinkedControllerFirmwareMajorRelease: uint8 (E)
LinkedControllerFirmwareMinorRelease: uint8 (E)
RegistryURIs[]: string

CIM_BIOSFeature
Characteristics: uint16 []
CharacteristicDescriptions: string []

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

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

CIM_VideoBIOSFeature
VideoBIOSElements

CIM_BIOSElement
IsShadowed: boolean
ReleaseDate: datetime
**Application RunTime Model**

- **CIM_ApplicationSystem**
  - (See Page 1 this model.

- **CIM_ManagedElement**
  - (See Core Model)

- **CIM_ManagedSystemElement**
  - (See Core Model)

- **CIM(LogicalElement**
  - (See Core Model)

- **CIM_EnabledLogicalElement**
  - (See Core Model)

- **CIM_System**
  - (See Core Model)

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

- **CIM_StatisticalData**
  - (See Core Model)

- **CIM_StatisticalRuntimeOverview**
  - LastActivity: datetime
  - NumberOfActiveRequests: uint32
  - NumberOfActiveRequestors: uint32
  - AverageResponseTime: uint32 {units}

**Notes:**
- Inheritance
- Association
- Aggregation
- Association with WEAK reference
- Aggregation with WEAK reference
- Composition Aggregation
- Equivalent to: 0 .. n
- [E] Experimental Class or Property
- [D] Deprecated Class or Property