Software Element Actions

CIM_ManagedElement
(See Core Model)

CIM_SoftwareElement
(See Applications Model
(Software Element page))

CIM_FromDirectorySpecification
(See Applications Model
(Software Element Checks
page))

CIM_ToDirectorySpecification

CIM_Action

Name:string (Key, Propagated)
Version:string (Key, Propagated)
SoftwareElementState:uint16 (Key, Propagated, Enum)
SoftwareElementID:string (Key, Porpagated)
TargetOperatingSystem:uint16 (Key, Propagated, Enum)
ActionID:string (Key)
Direction:uint16 (Enum)

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

CIM_ActionSequence

CIM_SoftwareElementActions

0..1

CIM_FromDirectoryAction

DirectoryID:string
ProgramPath:string
CommandLine:string

0..1

CIM_ExecuteProgram

CIM_ModifySettingAction

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

0..1

CIM_RebootAction

CIM_FileAction

CIM_CreateDirectoryAction

DirectoryName:string

CIM_RemdDirectoryAction

MustBeEmpty:boolean

0..1

CIM_CopyFileAction

Source:string
Destination:string
DeleteAfterCopy:boolean

CIM_RemoveFileAction

File:string

CIM_Cologna
Page 4  : Associated System Software Features and Elements

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_OperatingSystem
SoftwareFeature

CIM_SoftwareFeature
(See Application Model)

CIM_SoftwareElement
(See Application Model)

CIM_SoftwareElement
SoftwareElements

CIM_DiagnosticTest
Software

* Equivalent to: 0 .. n

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

Inheritance

(E) Experimental Class or Property
(D) Deprecated Class or Property
**BIOS and Device Driver Software**

- **CIM_LogicalElement** (See Core Model)
- **CIM_System** (See System Page (System))
- **CIM_ComputerSystem** (See System Page (System))
- **CIM_BIOSFeature**
  - Characteristics: uint16 [] (enum)
  - 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 []
- IsShadowed: boolean
- ReleaseDate: datetime
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_AssociatedAppSystem

OverviewStatistics

CIM_StatisticalRuntimeOverview

LastActivity: datetime
NumberOfActiveRequests: uint32
NumberOfActiveRequestors: uint32
AverageResponseTime: uint32 {units}

CIM_StatisticalData

CIM_EnabledLogicalElement

(See Core Model)

CIM_LogicalElement

(See Core Model)

CIM_ManagedSystemElement

(See Core Model)

CIM_ManagedElement

(See Core Model)