

Title : Core Specification 2.7 (UML diagram)  
 Filename: CIM\_Core27.vsd  
 Author : DMTF SysDev-wg  
 Date : 04/01/2003

**Page 1 : Overview**

**Page 2 : Logical Elements and subclasses**

**Page 3 : Physical Elements & Logical Devices**  
 (including StorageExtents)

**Page 4 : Collections & Redundancy Sets**

**Page 5 : Redundancy Groups**

**Page 6 : Product, FRU, &**  
**Software Identity**

**Page 7 : Statistics**

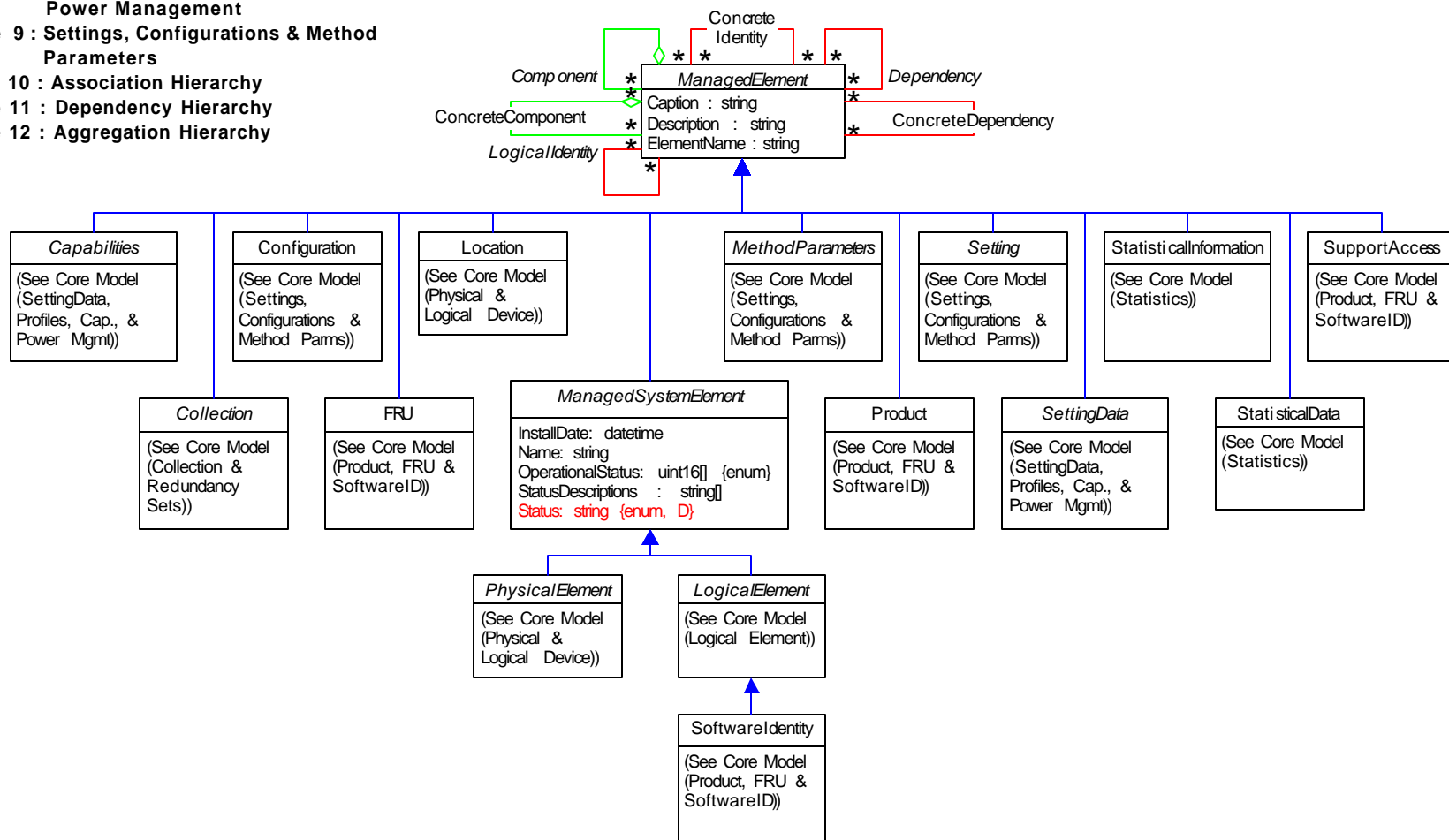
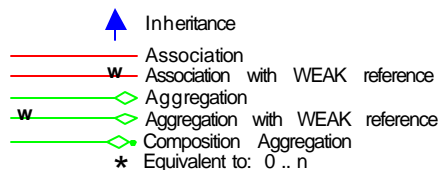
**Page 8 : SettingData, Profiles, Capabilities &**  
**Power Management**

**Page 9 : Settings, Configurations & Method**  
**Parameters**

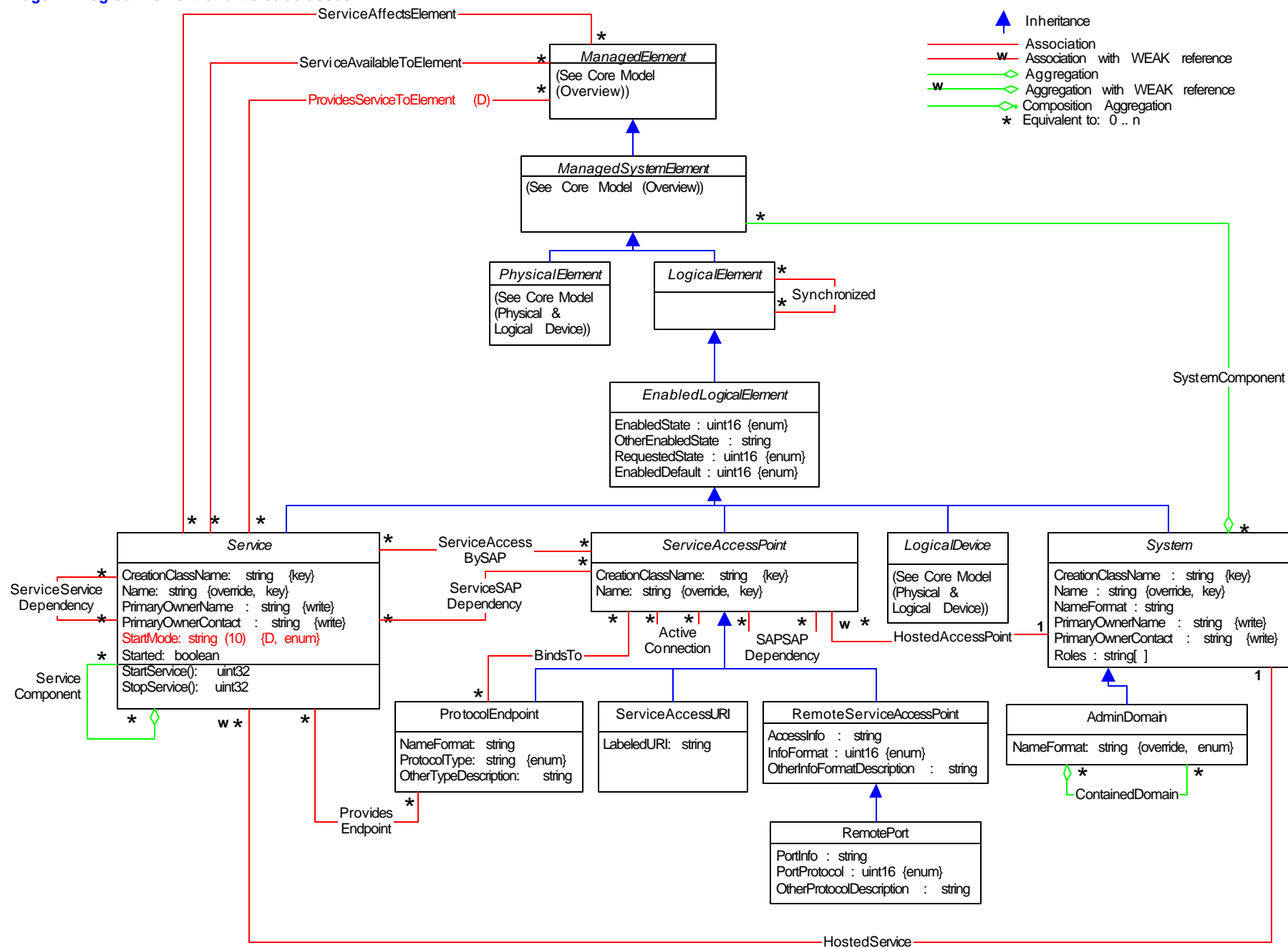
**Page 10 : Association Hierarchy**

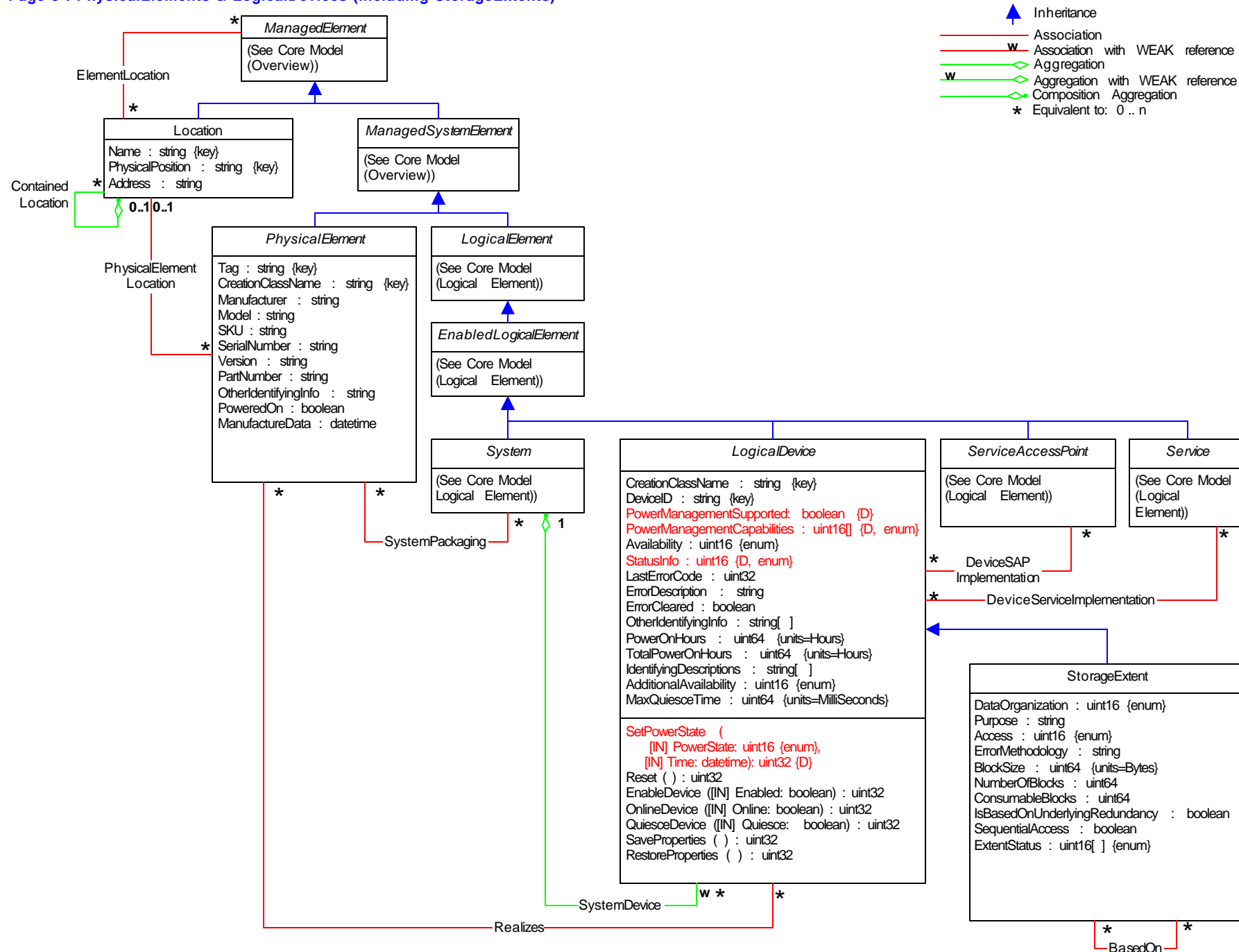
**Page 11 : Dependency Hierarchy**

**Page 12 : Aggregation Hierarchy**

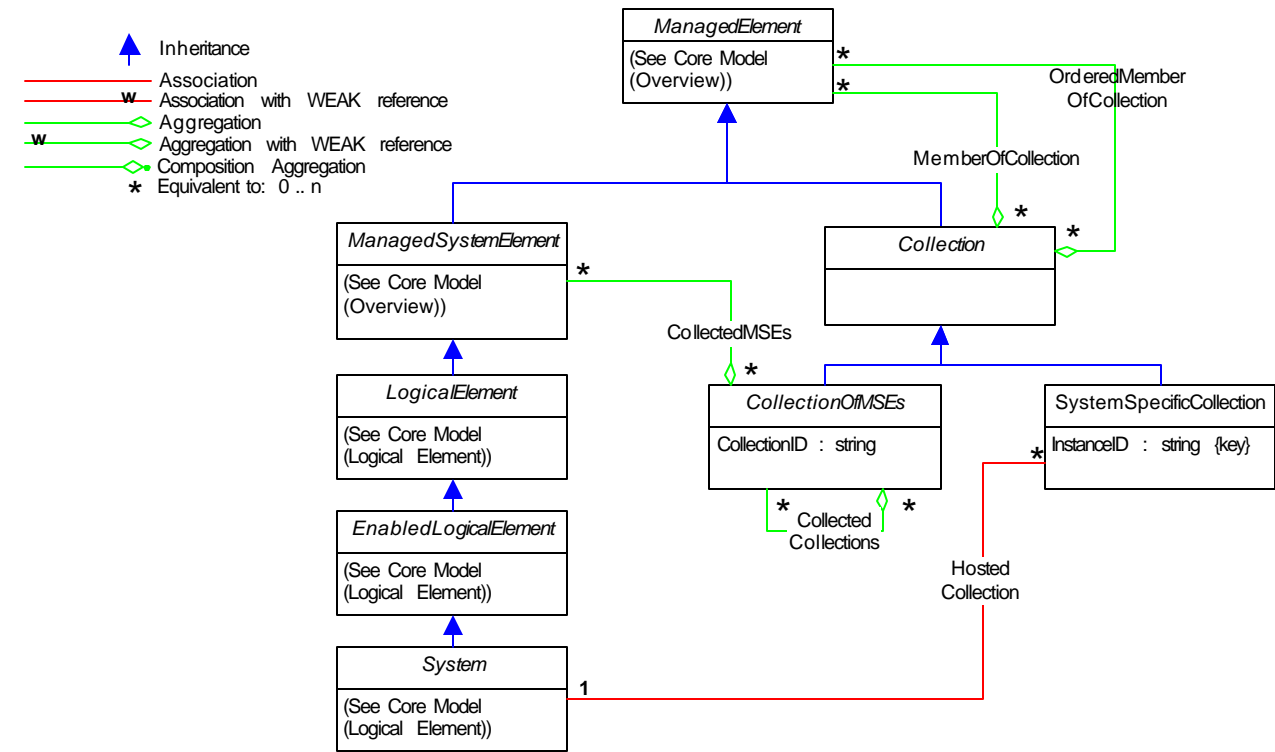


## Page 2 : LogicalElement and its subclasses

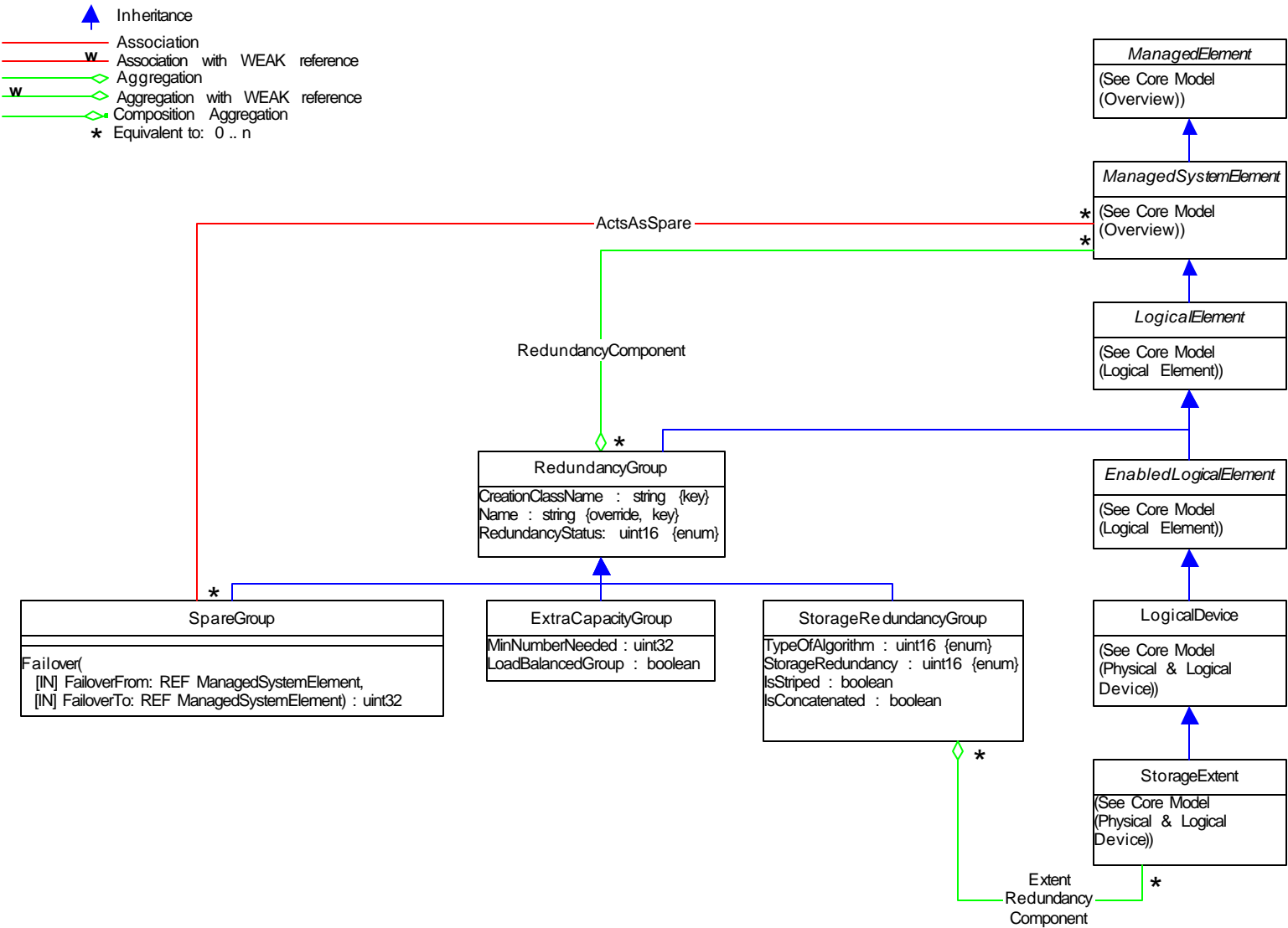


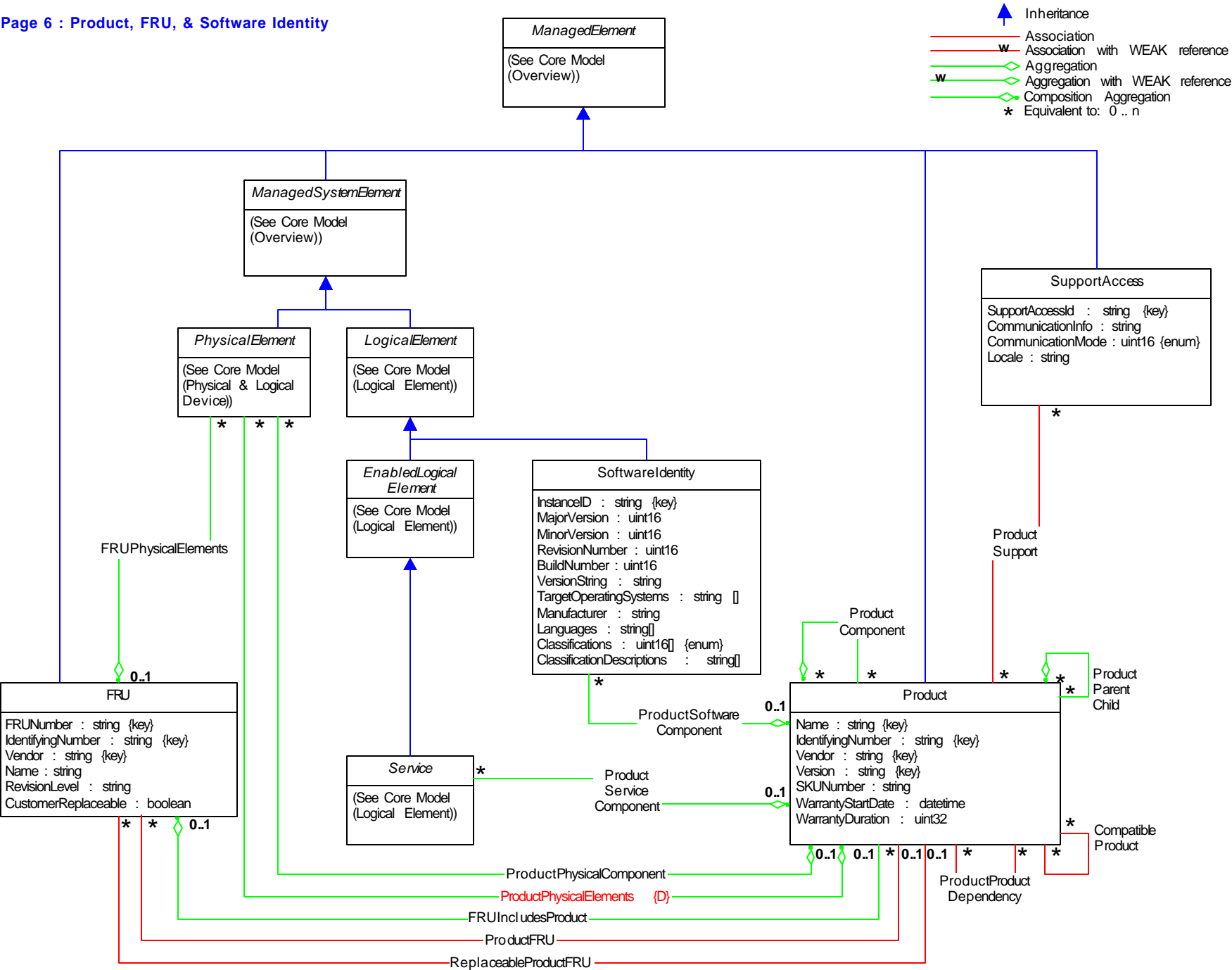


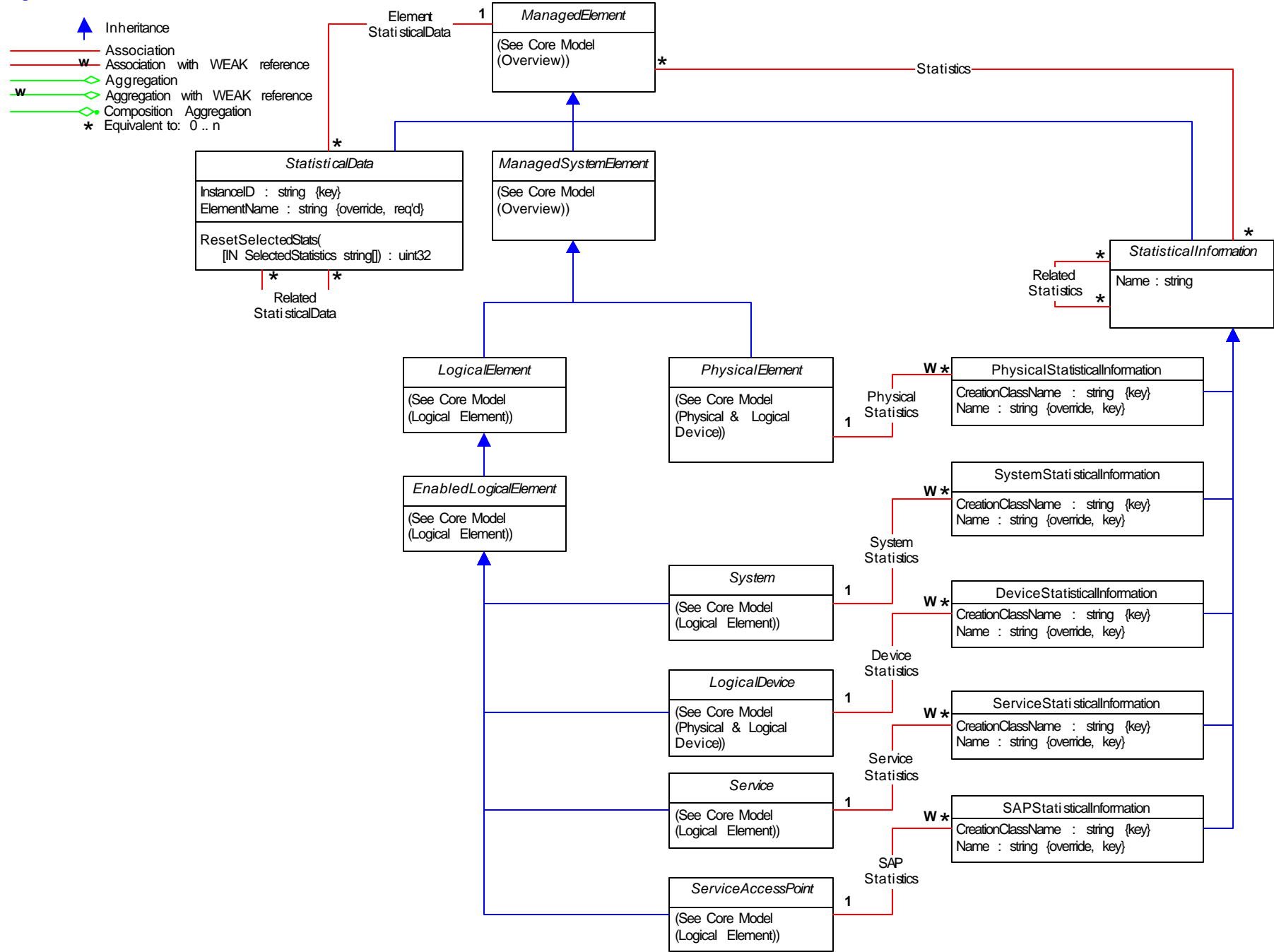
Page 4 : Collection & Redundancy Sets



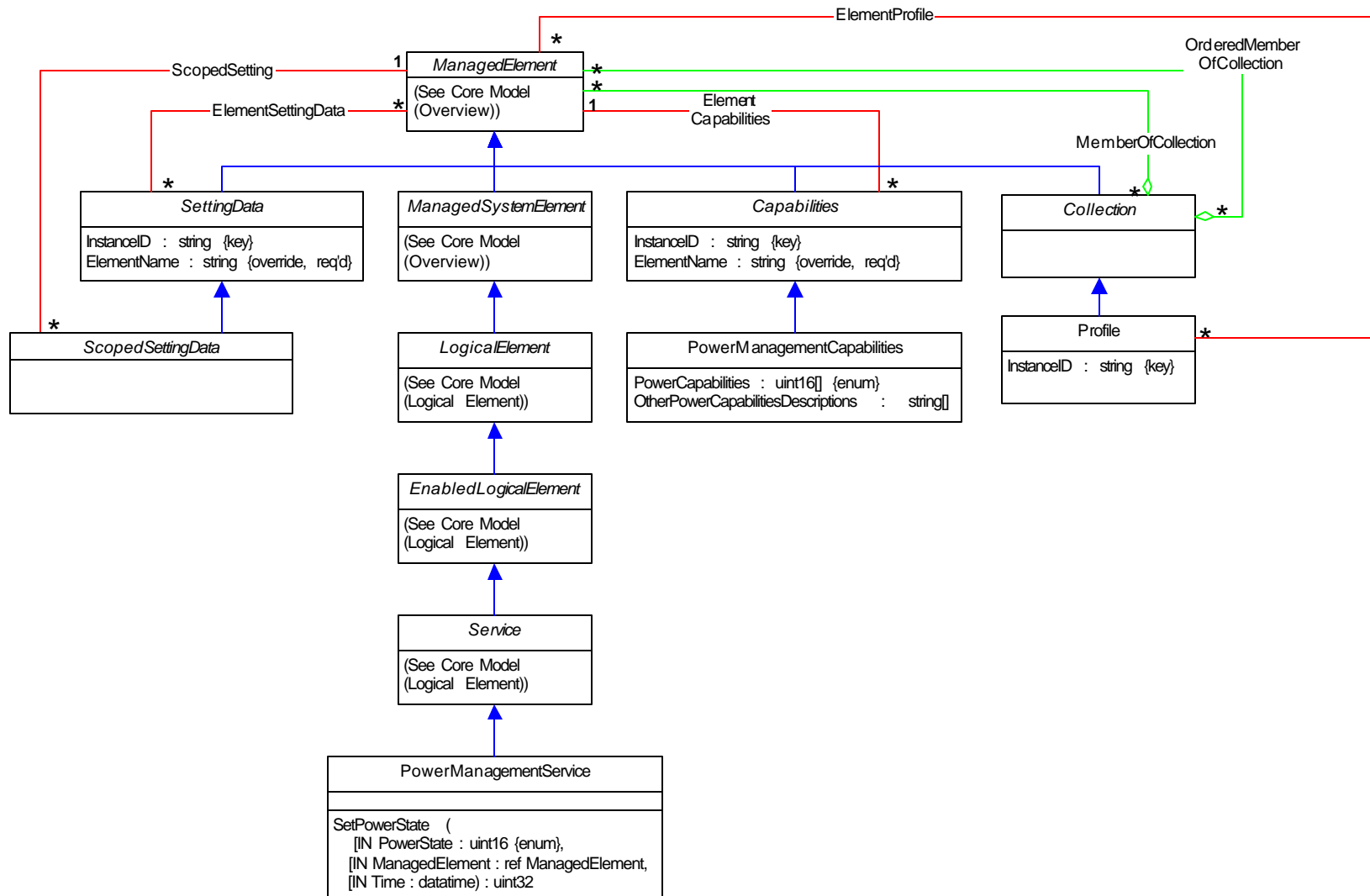
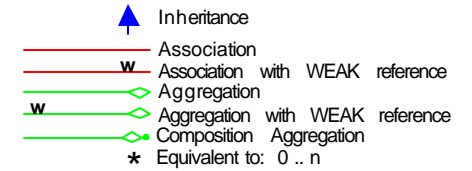
Page 5 : Redundancy Group



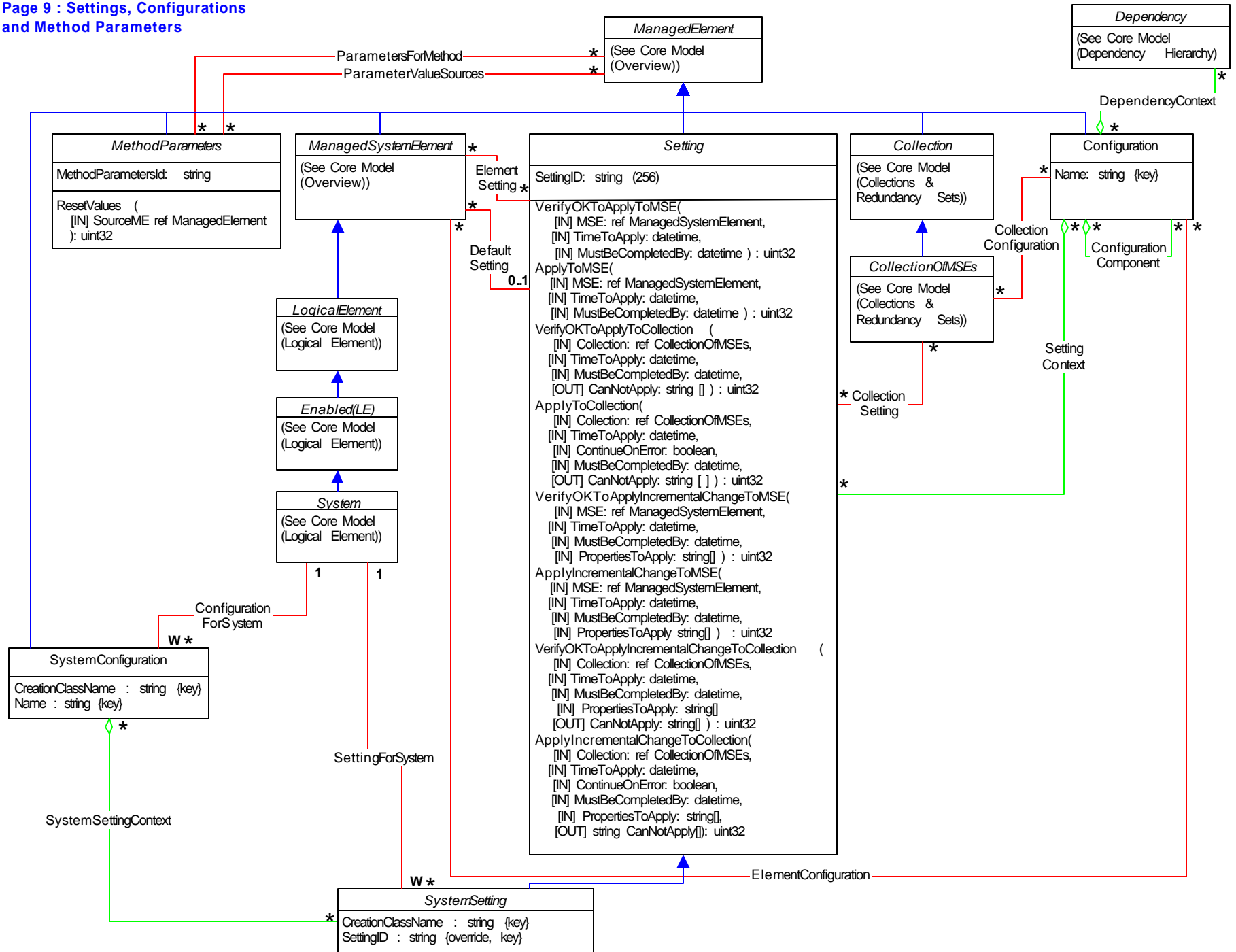




Page 8 : SettingData, Profiles, Capabilities, & Power Management







## Page 10 : Association Hierarchy

ActsAsSpare
Group: ref SpareGroup {key, *}
Spare: ref ManagedSystemElement {key, *}
HotStandby: boolean

CompatibleProduct
Product: ref Product {key, *}
CompatibleProduct: ref Product {key, *}
CompatibilityDescription: string

CollectionConfiguration
Collection: ref CollectionOfMSEs {key, *}
Configuration: ref Configuration {key, *}

CollectionSetting
Collection: ref CollectionOfMSEs {key, *}
Setting: ref Setting {key, *}

ElementCapabilities
ManagedElement: ref ManagedElement {key, 1}
Capabilities: ref Capabilities {key, *}

ElementConfiguration
Element: ref ManagedSystemElement {key, *}
Configuration: ref Configuration {key, *}

ElementLocation
Element: ref ManagedElement {key, *}
PhysicalLocation: ref Location {key, *}

PhysicalElementLocation
Element: ref PhysicalElement {key, *}
PhysicalLocation: ref Location {key, 0..1}

ElementProfile
ManagedElement: ref ManagedElement {key, 1}
Profile: ref Profile {key, *}

ElementSetting
Element: ref ManagedSystemElement {key, *}
Setting: ref Setting {key, *}

DefaultSetting
Element: ref ManagedSystemElement {}
Setting: ref Setting {0..1}

ElementSettingData
ManagedElement: ref ManagedElement {key, *}
SettingData: ref SettingData {key, *}
IsDefault: uint16 {enum}
IsCurrent: uint16 {enum}

ElementStatisticalData
ManagedElement: ref ManagedElement {key, 1}
Stats: ref StatisticalData {key, *}

FRUPhysicalElement
FRU: ref FRU {key, *}
Component: ref PhysicalElement {key, *}

LogicalIdentity
SystemElement: ref ManagedElement {key, *}
SameElement: ref ManagedElement {key, *}

ConcreteIdentity {T}
SystemElement: ref ManagedElement {*}
SameElement: ref ManagedElement {*}

ParametersForMethod
Parameters: ref MethodParameters {key, *}
TheMethod: ref ManagedElement {key, *}
MethodName: string (64) {key}

ParameterValueSources
Parameters: ref MethodParameters {key, *}
ValueSource: ref ManagedElement {key, *}

ProductFRU
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

ProductProductDependency
RequiredProduct: ref Product {key, *}
DependentProduct: ref Product {key, *}
TypeOfDependency: uint16

ProductSupport
Product: ref Product {key, *}
Support: ref SupportAccess {key, *}

RelatedStatisticalData
Stats: ref StatisticalData {key, *}
RelatedStats: ref StatisticalData {key, *}
Description: string

RelatedStatistics
Stats: ref StatisticalInformation {key, *}
RelatedStats: ref StatisticalInformation {key, *}

ReplaceableProductFRU
Product: ref Product {key, 0..1}
FRU: ref FRU {key, *}

ServiceAffectsElement
AffectedElement: ref ManagedElement {key, *}
AffectingElement: ref Service {key, *}
ElementEffects: uint16[] {enum}
OtherElementEffectsDescriptions: string[]

ServiceAvailableToElement
ServiceProvided: ref Service {key, *}
UserOfService: ref ManagedElement {key, *}

Statistics
Stats: ref StatisticalInformation {key, *}
Element: ref ManagedElement {key, *}

DeviceStatistics
Stats: ref DeviceStatisticalInformation {weak, *}
Element: ref LogicalDevice {1}

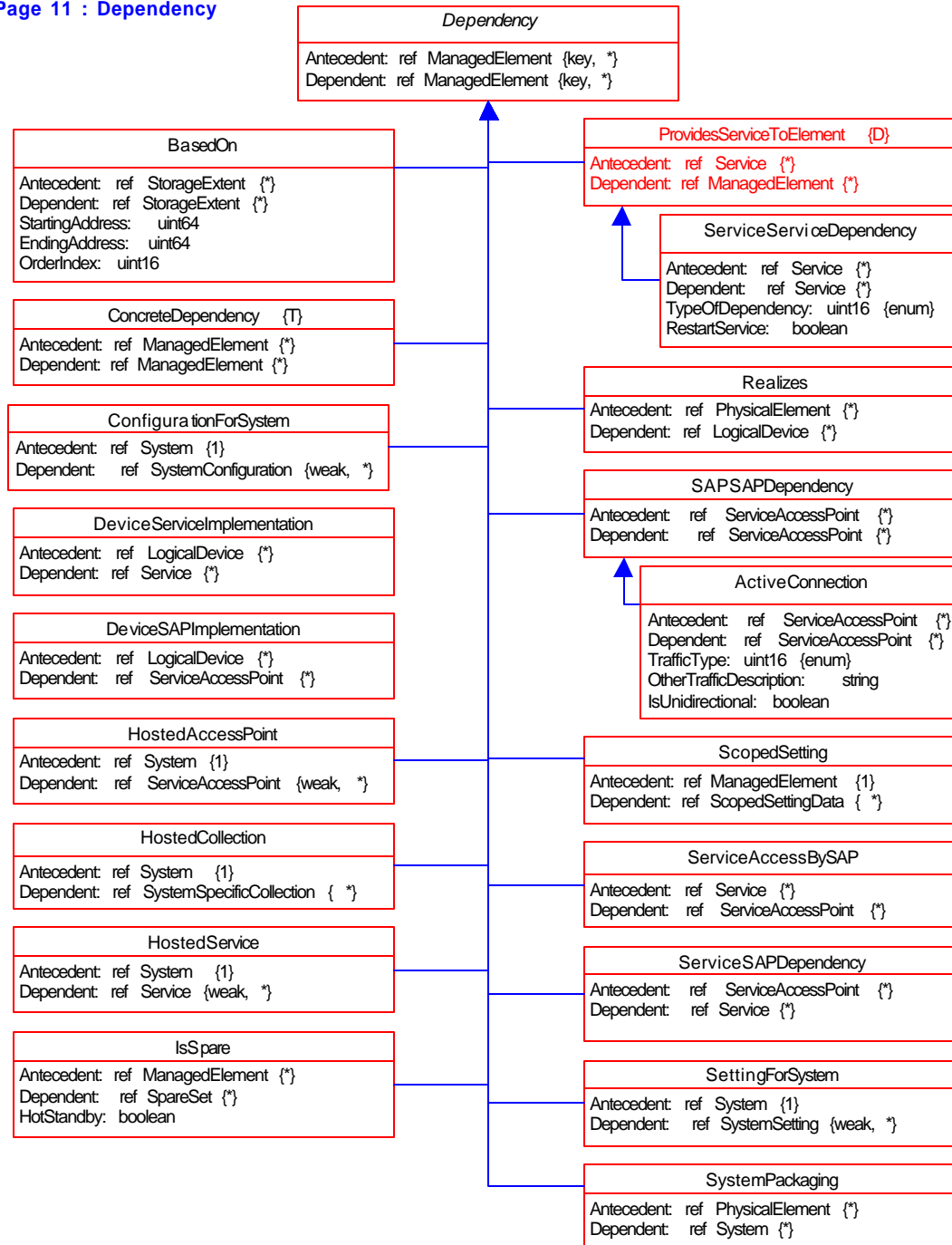
SystemStatistics
Stats: ref SystemStatisticalInformation {weak, *}
Element: ref System {1}

ServiceStatistics
Stats: ref ServiceStatisticalInformation {weak, *}
Element: ref Service {1}

SAPStatistics
Stats: ref SAPStatisticalInformation {weak, *}
Element: ref ServiceAccessPoint {1}

PhysicalStatistics
Stats: ref PhysicalStatisticalInformation {weak, *}
Element: ref PhysicalElement {1}

Synchronized
SystemElement: ref LogicalElement {key, *}
SyncedElement: ref LogicalElement {key, *}
WhenSynced: datetime
SyncMaintained: boolean



## Page 12 : Aggregation Hierarchy

