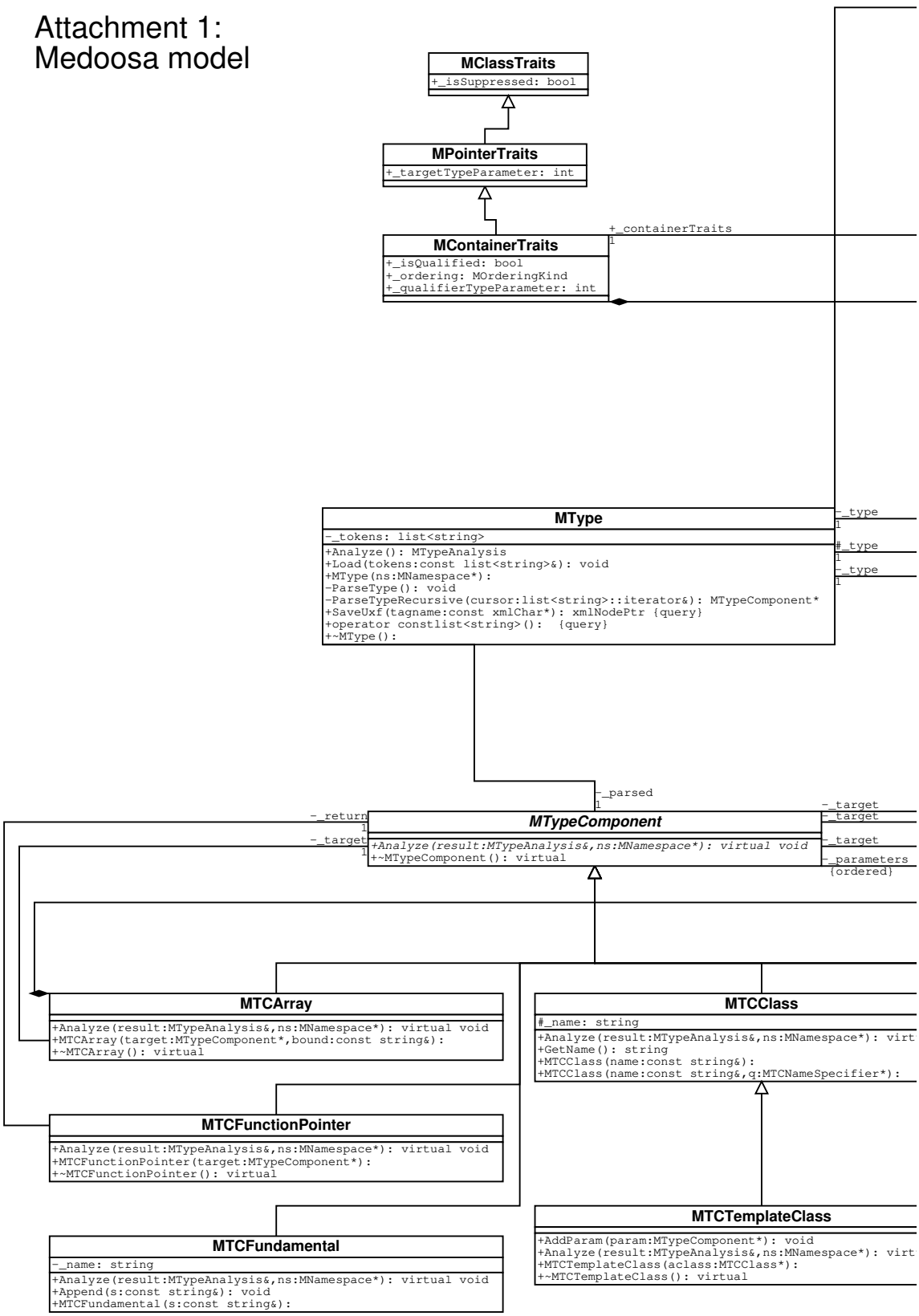
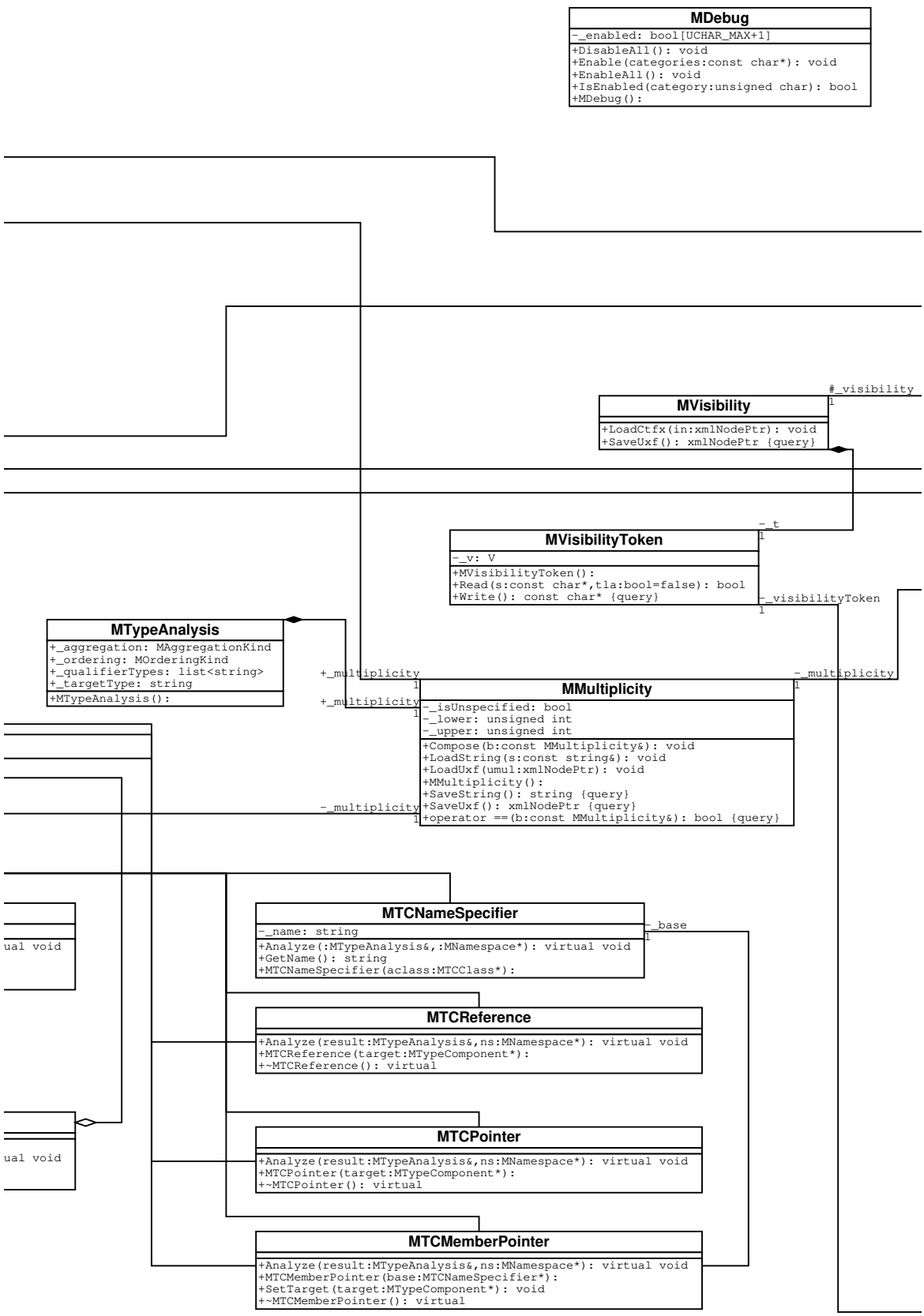
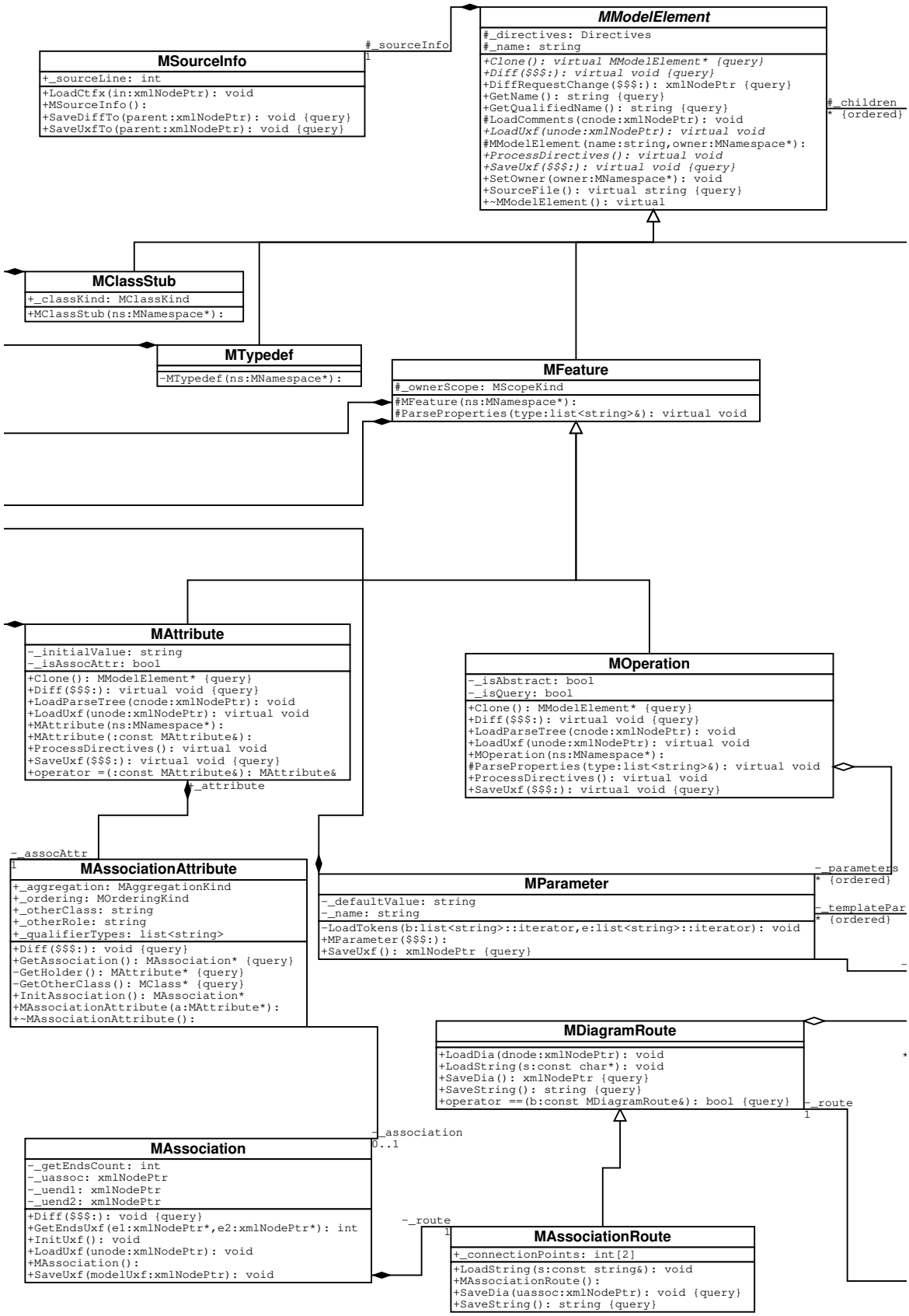
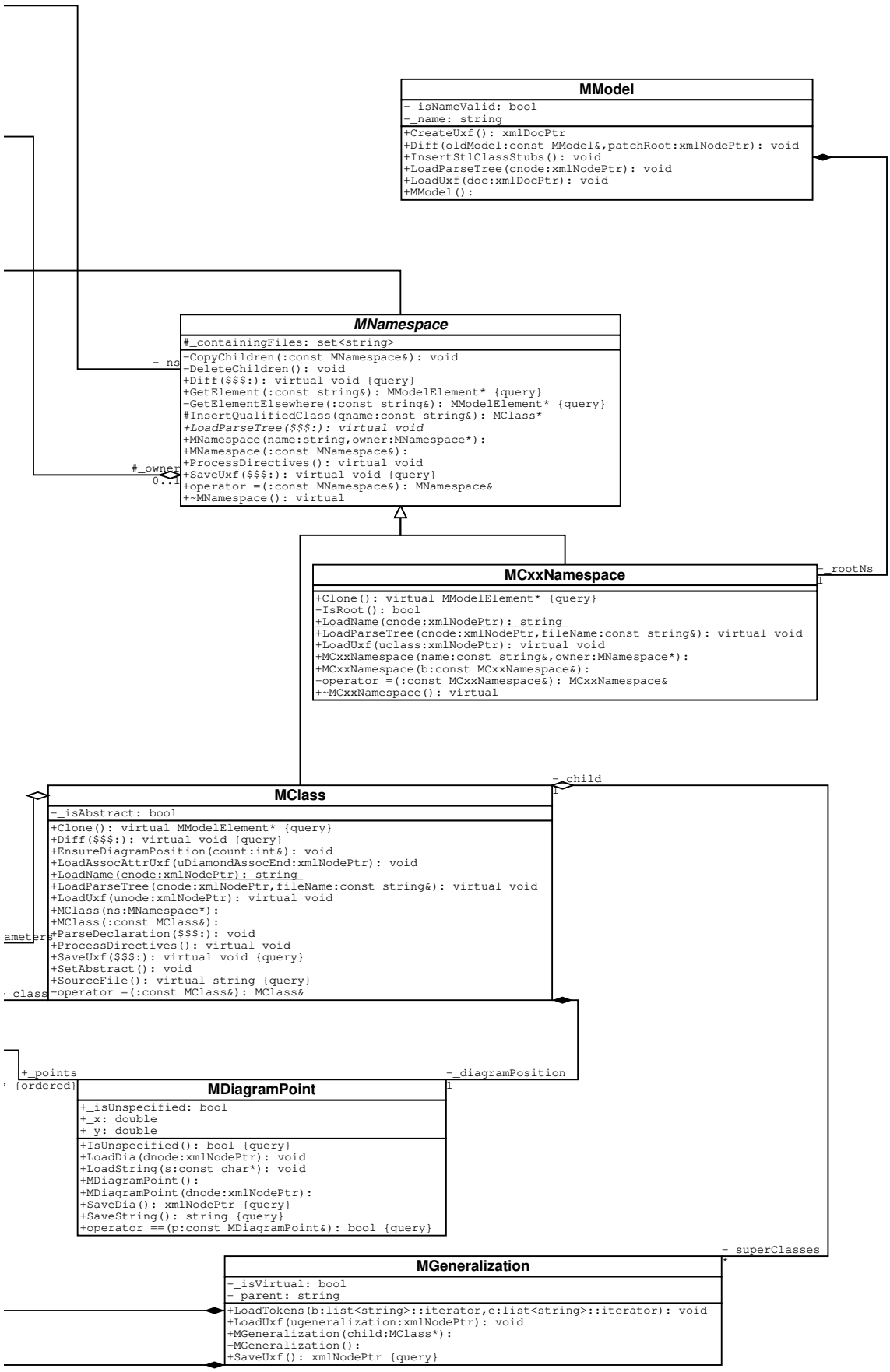
Attachment 1:
Medoosa model




MDebug
-_enabled: bool[UCHAR_MAX+1]
+DisableAll(): void
+Enable(categories:const char*): void
+EnableAll(): void
+IsEnabled(category:unsigned char): bool
+MDebug():
#_visibility
1
MVisibility
+LoadCtfx(in:xmlNodePtr): void
+SaveUxf(): xmlNodePtr {query}
-_t
1
MVisibilityToken
-_v: V
+MVisibilityToken():
+Read(s:const char*,tla:bool=false): bool
+Write(): const char* {query}
-_visibilityToken
1
MTypeAnalysis
+_aggregation: MAggregationKind
+_ordering: MOrderingKind
+_qualifierTypes: list<string>
+_targetType: string
+MTypeAnalysis():
+_multiplicity
1
+_multiplicity
1
-_multiplicity
1
MMultiplicity
-_isUnspecified: bool
-_lower: unsigned int
-_upper: unsigned int
+Compose(b:const MMultiplicity&): void
+LoadString(s:const string&): void
+LoadUxf(umul:xmlNodePtr): void
+MMultiplicity():
+SaveString(): string {query}
+SaveUxf(): xmlNodePtr {query}
+operator ==(b:const MMultiplicity&): bool {query}
-_multiplicity
1
ual void
ual void
MTCNameSpecifier
-_name: string
+Analyze(:MTypeAnalysis&,:MNamespace*): virtual void
+GetName(): string
+MTCNameSpecifier(aclass:MTCClass*):
-_base
1
MTCReference
+Analyze(result:MTypeAnalysis&,ns:MNamespace*): virtual void
+MTCReference(target:MTypeComponent*):
+~MTCReference(): virtual
MTCPointer
+Analyze(result:MTypeAnalysis&,ns:MNamespace*): virtual void
+MTCPointer(target:MTypeComponent*):
+~MTCPointer(): virtual
MTCMemberPointer
+Analyze(result:MTypeAnalysis&,ns:MNamespace*): virtual void
+MTCMemberPointer(base:MTCNameSpecifier*):
+SetTarget(target:MTypeComponent*): void
+~MTCMemberPointer(): virtual


MModelElement
#_directives: Directives
#_name: string
+Clone(): virtual MModelElement* {query}
+Diff($$$:): virtual void {query}
+DiffRequestChange($$$:): xmlNodePtr {query}
+GetName(): string {query}
+GetQualifiedName(): string {query}
#LoadComments(cnode:xmlNodePtr): void
+LoadUxf(unode:xmlNodePtr): virtual void
#MModelElement(name:string,owner:MNamespace*):
+ProcessDirectives(): virtual void
+SaveUxf($$$:): virtual void {query}
+SetOwner(owner:MNamespace*): void
+SourceFile(): virtual string {query}
+~MModelElement(): virtual
#_sourceInfo
1
MSourceInfo
+_sourceLine: int
+LoadCtfx(in:xmlNodePtr): void
+MSourceInfo():
+SaveDiffTo(parent:xmlNodePtr): void {query}
+SaveUxfTo(parent:xmlNodePtr): void {query}
#_children
* {ordered}
MClassStub
+_classKind: MClassKind
+MClassStub(ns:MNamespace*):
MTypedef
-MTypedef(ns:MNamespace*):
MFeature
#_ownerScope: MScopeKind
#MFeature(ns:MNamespace*):
#ParseProperties(type:list<string>&): virtual void
MAttribute
-_initialValue: string
-_isAssocAttr: bool
+Clone(): MModelElement* {query}
+Diff($$$:): virtual void {query}
+LoadParseTree(cnode:xmlNodePtr): void
+LoadUxf(unode:xmlNodePtr): virtual void
+MAttribute(ns:MNamespace*):
+MAttribute(:const MAttribute&):
+ProcessDirectives(): virtual void
+SaveUxf($$$:): virtual void {query}
+operator =(:const MAttribute&): MAttribute&
+_attribute
MOperation
-_isAbstract: bool
-_isQuery: bool
+Clone(): MModelElement* {query}
+Diff($$$:): virtual void {query}
+LoadParseTree(cnode:xmlNodePtr): void
+LoadUxf(unode:xmlNodePtr): virtual void
+MOperation(ns:MNamespace*):
#ParseProperties(type:list<string>&): virtual void
+ProcessDirectives(): virtual void
+SaveUxf($$$:): virtual void {query}
-_assocAttr
1
MAssociationAttribute
+_aggregation: MAggregationKind
+_ordering: MOrderingKind
+_otherClass: string
+_otherRole: string
+_qualifierTypes: list<string>
+Diff($$$:): void {query}
+GetAssociation(): MAssociation* {query}
-GetHolder(): MAttribute* {query}
-GetOtherClass(): MClass* {query}
+InitAssociation(): MAssociation*
+MAssociationAttribute(a:MAttribute*):
+~MAssociationAttribute():
MParameter
-_defaultValue: string
-_name: string
-LoadTokens(b:list<string>::iterator,e:list<string>::iterator): void
+MParameter($$$:):
+SaveUxf(): xmlNodePtr {query}
-_parameters
* {ordered}
-_templatePar
* {ordered}
MDiagramRoute
+LoadDia(dnode:xmlNodePtr): void
+LoadString(s:const char*): void
+SaveDia(): xmlNodePtr {query}
+SaveString(): string {query}
+operator ==(b:const MDiagramRoute&): bool {query}
-_route
1
-_association
0..1
MAssociation
-_getEndsCount: int
-_uassoc: xmlNodePtr
-_uend1: xmlNodePtr
-_uend2: xmlNodePtr
+Diff($$$:): void {query}
+GetEndsUxf(el:xmlNodePtr*,e2:xmlNodePtr*): int
+InitUxf(): void
+LoadUxf(unode:xmlNodePtr): void
+MAssociation():
+SaveUxf(modelUxf:xmlNodePtr): void
-_route
1
MAssociationRoute
+_connectionPoints: int[2]
+LoadString(s:const string&): void
+MAssociationRoute():
+SaveDia(uassoc:xmlNodePtr): void {query}
+SaveString(): string {query}


MModel
-_isNameValid: bool
-_name: string
+CreateUxf(): xmlDocPtr
+Diff(oldModel:const MModel&,patchRoot:xmlNodePtr): void
+InsertStlClassStubs(): void
+LoadParseTree(cnode:xmlNodePtr): void
+LoadUxf(doc:xmlDocPtr): void
+MModel():
MNamespace
#_containingFiles: set<string>
-CopyChildren(:const MNamespace&): void
-DeleteChildren(): void
+Diff($$$:): virtual void {query}
+GetElement(:const string&): MModelElement* {query}
-GetElementElsewhere(:const string&): MModelElement* {query}
#InsertQualifiedClass(qname:const string&): MClass*
+LoadParseTree($$$:): virtual void
+MNamespace(name:string,owner:MNamespace*):
+MNamespace(:const MNamespace&):
+ProcessDirectives(): virtual void
+SaveUxf($$$:): virtual void {query}
+operator =(:const MNamespace&): MNamespace&
+~MNamespace(): virtual
-_ns
#_owner
0..1
MCxxNamespace
+Clone(): virtual MModelElement* {query}
-IsRoot(): bool
+LoadName(cnode:xmlNodePtr): string
+LoadParseTree(cnode:xmlNodePtr,fileName:const string&): virtual void
+LoadUxf(uclass:xmlNodePtr): virtual void
+MCxxNamespace(name:const string&,owner:MNamespace*):
+MCxxNamespace(b:const MCxxNamespace&):
-operator =(:const MCxxNamespace&): MCxxNamespace&
+~MCxxNamespace(): virtual
-_rootNs
1
MClass
-_isAbstract: bool
+Clone(): virtual MModelElement* {query}
+Diff($$$:): virtual void {query}
+EnsureDiagramPosition(count:int&): void
+LoadAssocAttrUxf(uDiamondAssocEnd:xmlNodePtr): void
+LoadName(cnode:xmlNodePtr): string
+LoadParseTree(cnode:xmlNodePtr,fileName:const string&): virtual void
+LoadUxf(unode:xmlNodePtr): virtual void
+MClass(ns:MNamespace*):
+MClass(:const MClass&):
+ParseDeclaration($$$:): void
+ProcessDirectives(): virtual void
+SaveUxf($$$:): virtual void {query}
+SetAbstract(): void
+SourceFile(): virtual string {query}
-operator =(:const MClass&): MClass&
-_child
1
ameters
_class
+_points
{ordered}
-_diagramPosition
1
MDiagramPoint
+_isUnspecified: bool
+_x: double
+_y: double
+IsUnspecified(): bool {query}
+LoadDia(dnode:xmlNodePtr): void
+LoadString(s:const char*): void
+MDiagramPoint():
+MDiagramPoint(dnode:xmlNodePtr):
+SaveDia(): xmlNodePtr {query}
+SaveString(): string {query}
+operator ==(p:const MDiagramPoint&): bool {query}
-_superClasses
*
MGeneralization
-_isVirtual: bool
-_parent: string
+LoadTokens(b:list<string>::iterator,e:list<string>::iterator): void
+LoadUxf(ugeneralization:xmlNodePtr): void
+MGeneralization(child:MClass*):
-MGeneralization():
+SaveUxf(): xmlNodePtr {query}