MODELO

by NAIF (SIMASOFT)

MODELO

Figure 1.1.

ENTITY:AttributesProperties

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	
value	null	String	null	null	false	true	false	false	true	true	true	true	

RELATIONS: 7

From	Cardinality	To	Optionality	Navigability	Atribute
AttributesProperties		Imports	true	false	name
AttributesProperties		Sites	true	false	title
AttributesProperties		AttributesTypes	true	false	name
AttributesProperties		Cardinalities	true	false	name
AttributesProperties		Relationships	true	false	name
AttributesProperties		Entities	true	false	name
AttributesProperties		Attributes	true	false	isUnique

ENTITY:Attributes

ATRIBUTES:

name	descri	Type	length	precis	isNull;	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
isUnique	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isCreate	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isSearch	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isView	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isViewColumn	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isViewRelation	null	Boolean	null	null	true	false	false	false	true	true	true	true	
name	null	String	null	null	false	false	false	true	true	true	true	true	
description	null	String	null	null	true	false	false	false	true	true	true	true	
length	null	Integer	null	null	true	false	false	false	true	true	true	true	
precision	null	Integer	null	null	true	false	false	false	true	true	true	true	
isNullable	null	Boolean	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 5

From	Cardinality	To	Optionality	Navigability	Atribute
Attributes	1..*	Sites	true	false	title
Attributes	..	AttributesProperties	true	false	name
Attributes	*..1	Entities	true	false	name
Attributes	*..1	AttributesTypes	true	false	name
Attributes	*..1	Fields	true	false	description

ENTITY:ModelsGroups

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	false	false	true	true	true	true	true	
code	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 2

From	Cardinality	To	Optionality	Navigability	Atribute
ModelsGroups	..	Models	true	false	name
ModelsGroups	..	Developments	true	false	artifactId

ENTITY:Imports

ATRIBUTES:

name	descri	Type	length	precis	isNull:	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	

RELATIONS: 5

From	Cardinality	To	Optionality	Navigability	Atribute
Imports	..	Sites	true	false	title
Imports	*..1	Dependencies	true	false	groupId
Imports	..	AttributesProperties	true	false	name
Imports	..	Cardinalities	true	false	name
Imports	..	Entities	true	false	name

ENTITY:Entities

ATRIBUTES:

name	descri	Type	length	precis	isNull;	isUniq	isSim;	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	
serialID	null	String	null	null	true	false	false	false	true	true	true	true	
table	null	String	null	null	true	false	false	false	true	true	true	true	
description	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 7

From	Cardinality	To	Optionality	Navigability	Atribute
Entities	1..*	Attributes	true	false	isUnique
Entities	1..*	Relationships	true	false	name
Entities	1..*	Relationships	true	false	name
Entities	..	Sites	true	false	title
Entities	1..*	AttributesProperties	true	false	name
Entities	..	Imports	true	false	name
Entities	*..1	GroupIds	true	false	artifactId

ENTITY:Sites

ATRIBUTES:

name	descri	Type	length	precis	isNull;	isUniq	isSimp	isCrea	isSear	isViev	isViev	isViev	Relation
title	null	String	null	null	true	false	false	true	true	true	true	true	
link	null	String	null	null	false	true	false	false	true	true	true	true	
abc	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 11

From	Cardinality	To	Optionality	Navigability	Atribute
Sites	..	SitesTypes	true	false	name
Sites	..	Models	true	false	name
Sites	..	Entities	true	false	name
Sites	..	Developments	true	false	artifactId
Sites	..	GroupIds	true	false	artifactId
Sites	..	Cardinalities	true	false	name
Sites	*..1	Attributes	true	false	isUnique
Sites	..	Imports	true	false	name
Sites	..	AttributesProperties	true	false	name
Sites	..	Dependencies	true	false	groupId
Sites	..	AttributesTypes	true	false	name

ENTITY:Pom

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
groupId	null	String	null	null	false	false	false	false	true	true	true	true	
artifactId	null	String	null	null	false	false	false	true	true	true	true	true	
version	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 3

From	Cardinality	To	Optionality	Navigability	Atribute
Pom	1..*	Dependencies	true	false	groupId
Pom	..	Developments	true	false	artifactId
Pom	..	GroupIds	true	false	artifactId

ENTITY:GroupIds

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSim	isCrea	isSear	isView	isView	isView	Relation
artifactId	null	String	null	null	false	true	false	true	true	true	true	true	
groupId	null	String	null	null	false	false	false	false	true	true	true	true	
version	null	String	null	null	true	false	false	false	true	true	true	true	
code	null	String	null	null	true	false	false	false	true	true	true	true	
date	null	Date	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 5

From	Cardinality	To	Optionality	Navigability	Atribute
GroupIds	1..*	Entities	true	false	name
GroupIds	1..*	Models	true	false	name
GroupIds	..	Sites	true	false	title
GroupIds	..	Pom	true	false	groupId
GroupIds	*..1	GroupIdsTypes	true	false	name

ENTITY:Relationships

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	true	false	false	true	true	true	true	true	
isOptional	ality	Boolean	null	null	true	false	false	false	true	true	true	true	
isCreate	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isSearch	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isView	null	Boolean	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 5

From	Cardinality	To	Optionality	Navigability	Atribute
Relationships	1..*	ModelRelationships	true	false	name
Relationships	..	AttributesProperties	true	false	name
Relationships	*..1	Cardinalities	true	false	name
Relationships	*..1	Entities	true	false	name
Relationships	*..1	Entities	true	false	name

ENTITY:Fields

ATRIBUTES:

name	descri	Type	length	precis	isNull:	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
description	null	String	null	null	true	false	false	false	true	true	true	true	
length	null	Integer	null	null	true	false	false	false	true	true	true	true	
precision	null	Integer	null	null	true	false	false	false	true	true	true	true	
isNullable	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isUnique	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isCreate	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isSearch	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isView	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isViewColumn	null	Boolean	null	null	true	false	false	false	true	true	true	true	
isViewRelation	null	Boolean	null	null	true	false	false	false	true	true	true	true	
name	null	String	null	null	false	true	false	true	true	true	true	true	

RELATIONS: 2

From	Cardinality	To	Optionality	Navigability	Atribute
Fields	1..*	Attributes	true	false	isUnique
Fields	*..1	AttributesTypes	true	false	name

ENTITY:Cardinalities

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	
cardinality	null	String	null	null	false	false	false	false	true	true	true	true	
isUnidirectional	null	Boolean	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 6

From	Cardinality	To	Optionality	Navigability	Atribute
Cardinalities	1..*	Relationships	true	false	name
Cardinalities	1..*	Cardinalities	true	false	name
Cardinalities	..	Sites	true	false	title
Cardinalities	..	AttributesProperties	true	false	name
Cardinalities	..	Imports	true	false	name
Cardinalities	*..1	Cardinalities	true	false	name

ENTITY:AttributesTypes

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	false	true	true	true	true	
type	null	String	null	null	false	false	false	true	true	true	true	true	
length	null	Integer	null	null	true	false	false	false	true	true	true	true	
precision	null	Integer	null	null	true	false	false	false	true	true	true	true	
annotation	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 4

From	Cardinality	To	Optionality	Navigability	Atribute
AttributesTypes	1..*	Fields	true	false	description
AttributesTypes	..	AttributesProperties	true	false	name
AttributesTypes	..	Sites	true	false	title
AttributesTypes	1..*	Attributes	true	false	isUnique

ENTITY:GroupIdsTypes

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSim	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	

RELATIONS: 1

From	Cardinality	To	Optionality	Navigability	Atribute
GroupIdsTypes	1..*	GroupIds	true	false	artifactId

ENTITY:SitesTypes

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	

RELATIONS: 3

From	Cardinality	To	Optionality	Navigability	Atribute
SitesTypes	1..*	SitesTypes	true	false	name
SitesTypes	*..1	SitesTypes	true	false	name
SitesTypes	**..**	Sites	true	false	title

ENTITY:Models

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	
code	null	String	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 4

From	Cardinality	To	Optionality	Navigability	Atribute
Models	..	Sites	true	false	title
Models	1..*	ModelRelationships	true	false	name
Models	..	ModelsGroups	true	false	name
Models	*..1	GroupIds	true	false	artifactId

ENTITY:Dependencies

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
groupId	null	String	null	null	false	false	false	false	true	true	true	true	
artifactId	null	String	null	null	false	false	false	true	true	true	true	true	
version	null	String	null	null	true	false	false	false	true	true	true	true	
type	null	String	null	null	true	false	false	false	true	true	true	true	
scope	null	String	null	null	true	false	false	false	true	true	true	true	
maven	null	String	null	null	false	true	false	false	true	true	true	true	

RELATIONS: 3

From	Cardinality	To	Optionality	Navigability	Atribute
Dependencies	1..*	Imports	true	false	name
Dependencies	..	Sites	true	false	title
Dependencies	*..1	Pom	true	false	groupId

ENTITY:ModelRelationships

ATRIBUTES:

name	descri	Type	length	precis	isNulla	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
name	null	String	null	null	false	true	false	true	true	true	true	true	

RELATIONS: 2

From	Cardinality	To	Optionality	Navigability	Atribute
ModelRelationships	*	Relationships	true	false	name
ModelRelationships	*	Models	true	false	name

ENTITY:Developments

ATRIBUTES:

name	descri	Type	length	precis	isNull	isUniq	isSimp	isCrea	isSear	isView	isView	isView	Relation
artifactId	null	String	null	null	false	true	false	true	true	true	true	true	
groupId	null	String	null	null	false	false	false	false	true	true	true	true	
version	null	String	null	null	true	false	false	false	true	true	true	true	
code	null	String	null	null	true	false	false	false	true	true	true	true	
date	null	Date	null	null	true	false	false	false	true	true	true	true	

RELATIONS: 3

From	Cardinality	To	Optionality	Navigability	Atribute
Developments	..	Sites	true	false	title
Developments	..	Pom	true	false	groupId
Developments	..	ModelsGroups	true	false	name