Facet

Lineage (I, R131)
Class (I, R131)
Domain (I, R131)

Specialized Class

Name (I, R23)
Domain (I, R23)

defines a facet of an
object with

abstracts a facet of
an object within

R131

Lineage

Element (I, R17)
Domain (I, R17)

Loop Segment

Loop (I, R160)
Rnum (I, R160)
Domain (I, R160)

has participating

Generalization Role

Rnum (I, R101)
Class (I, R101)
Domain (I, R101)

R101

Relationship

Rnum : Number (I)
Domain (I, I2, R14)
Element (I2, R14)

is a contiguous
closed path of

R160

is a segment of

**Constrained
Loop**

Element (I, R17)
Domain (I, R17)

R102

Subclass

Rnum (I, R102, R151)
Class (I, R102, R151)
Domain (I, R102, R151)

Superclass

Rnum (I, R102)
Class (I, R102)
Domain (I, R102)

requires

R103

participates in

is required by

Generalization

Rnum (I, R100, R103)
Domain (I, R100, R103)
Superclass (R103)

R100

Association

Rnum (I, R100)
Domain (I, R100)

abstracts dependency on

R120

Association Class

Rnum (I, R120c)
Class (I, R120)
Domain (I, I2, R120)

yields as B

yields as A

is required by

R119

Unary Association

Rnum (I, R119)
Domain (I, R119)

Binary Association

Rnum (I, R119)
Domain (I, R119)

R117

is yielded on A side of

Minimal Partition

Rnum (I, R116, R117, R118)
Domain (I, R116, R117, R118)
A subclass (R117)
B subclass (R118c)

requires

R116

R118

is yielded on B side of

is view
on

is view
on

is view
on

R123

R124

R125

is viewed
from

is viewed
from

abstracted
dependency is
fullfilled by

**<< Imported >>
Class**

Name (I)
Domain (I, R)
(see Class and Attribute Subsystem)

Active Perspective

Rnum (I, R124, R105)
Domain (I, R105, R124)
Side (R105c)

Passive Perspective

Rnum (I, R125, R105)
Domain (I, R105, R125)
Side (R105c)

is viewed
from

Symmetric Perspective

Rnum (I, R123, R121)
Domain (I, R121, R123)
Side (R121c)

R105

Asymmetric Perspective

Side (I, R121c)
Rnum (I, R121)
Domain (I, R121)

is taken from

R121

Perspective

Side : Side (I)
Rnum (I)
Domain (I, R110)
Viewed class (R110)
Phrase : Name
Conditional : boolean
\ UML multiplicity : UML M Symbol

is standpoint of

R110

R104

One Perspective

Rnum (I, R104)
Domain (I, R104)
Side (I, R104)

Many Perspective

Rnum (I, R104)
Domain (I, R104)
Side (I, R104)

**Relationship Subsystem
Class Diagram
miUML Metamodel**

Leon Starr
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