

MegaL

“co-variant” Recovery Plug-ins

Recovery Plug-in

$(R, L1, L2)$

R : RelationshipType

L1 : Language

L2 : Language

Recovery Plug-in

$$(R, L1, L2) == (R, L2, L1)$$

Due to bi-directional navigation
properties of traceability links

Recovery Plug-in

AL : Language
BL : Language
CL : Language

CL subsetOf BL

A : Artifact
A elementOf AL

B : Artifact
B elementOf BL

C : Artifact
C elementOf CL

// applicable: (correspondsTo,AL,BL)
A correspondsTo B

// applicable: (correspondsTo,AL,BL) & (correspondsTo,AL,CL)
A correspondsTo C

JAXB

XML : Language
XSD : Language
XSD subsetOf XML

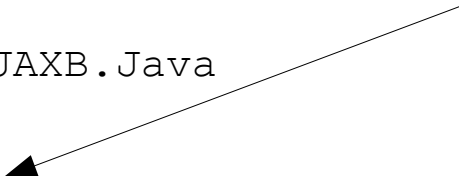
xmlFile : File
xmlFile elementOf XML

xsdFiles : File+
xsdFiles elementOf XSD

JAXB.Java : Language

javaFiles : File+
javaFiles elementOf JAXB.Java

Probably recovers nothing,
but is applicable nevertheless



// (correspondsTo,XML,JAXB.Java) & (correspondsTo,XSD,JAXB.Java)
xsdFiles correspondsTo javaFiles

<https://docs.google.com/document/d/11cjc5LDMBU-s1EtnyP4DjO0P7wjsTltme2OuxGgB5pg/edit?pli=1>

// (correspondsTo,XML,JAXB.Java)
xmlFiles correspondsTo javaFiles //save to assume???