

<b>src/org/python/core/ PyTuple.java</b>	Used for processing SIM, SQL, and NEO4j
src/org/python/ReL/ DatabaseInterface.java	Used for establishing connections
src/org/python/ReL/ OracleInterface.java	Used for establishing connections
<b>src/org/python/ReL/ ProcessLanguages.java</b>	Used for processing SIM, SQL, and NEO4j
src/org/python/ReL/ PyRelClassDef.java	Used for persisting python objects
src/org/python/ReL/ PyRelCommit.java	Used for persisting python objects
src/org/python/ReL/ PyRelConnection.java	Used for establishing connections
src/org/python/ReL/ PyRelInsert.java	Used for persisting python objects
src/org/python/ReL/ RelMod.java	
<b>src/org/python/ReL/ SIMHelper.java</b>	Used for processing SIM, SQL, and NEO4j
src/org/python/ReL/ SPARQLDoer.java	Used for processing SIM, SQL, and NEO4j - to eventually be replaced by SPARQLHelper
<b>src/org/python/ReL/ SPARQLHelper.java</b>	Used for processing SIM, SQL, and NEO4j
src/org/python/ReL/ SQLValidator.java	Obsolete
<b>src/org/python/ReL/ SQLVisitor.java</b>	Used for processing SIM, SQL, and NEO4j

src/org/python/core/PyTuple.java

PyTuple Constructor

if(ReLmode == "Neo4j") calls the [processNeo4j\(\)](#) method in a new instance of [src/org/ReL/ProcessLanguages.java](#)  
the Neo4j statement gets converted to SIM

if(ReLmode == "SIM") calls the [processSIM\(\)](#) method in a new instance of [src/org/ReL/ProcessLanguages.java](#)  
 SELECT constructs dvaAttribs, evaAttribs, and whereAttrValues  
 calls the [simhelper.executeFrom\(\)](#)(className, dvaAttribs, evaAttribs, whereAttrValues) in a new instance of [src/org/ReL/SIMHelper](#)  
 INSERT calls the [executeInsert\(\)](#) method in a new instance of [src/org/ReL/SIMHelper](#)  
 calls the [insertQuad\(\)](#) and [insertSchemaQuad\(\)](#) methods in a new instance of [src/org/ReL/SPARQLHelper](#)

if(ReLmode == "SQL") for native\_mode, calls [runAndOutputTuples\(\)](#)  
 for rdf\_mode, calls [doRDF\(\)](#)  
 CreateTable  
 Insert calls the [doInsert\(\)](#) method in a new instance of [src/org/ReL/SQLVisitor](#)  
 the SQL INSERT statement is converted to a SIM INSERT statement which is processed as above  
 Select calls the [getSelect\(\)](#) method in a new instance of [src/org/ReL/SQLVisitor](#)  
 the [visit\(\)](#) method of this i.e., (the [SQLVisitor](#) instance) is called indirectly by calling select.getSelectBody().accept(this)  
 the visit() method calls the [visitSelect\\_buildSPARQL\(\)](#) method of this i.e., (the [SQLVisitor](#) instance)  
[SQLVisitor.visitSelect\\_buildSPARQL\(\)](#) contains the algorithm for converting SQL to SPARQL, it returns the SPARQL statement  
 calls [runAndOutputTuples\(\)](#)  
 Delete  
 Update  
 Drop