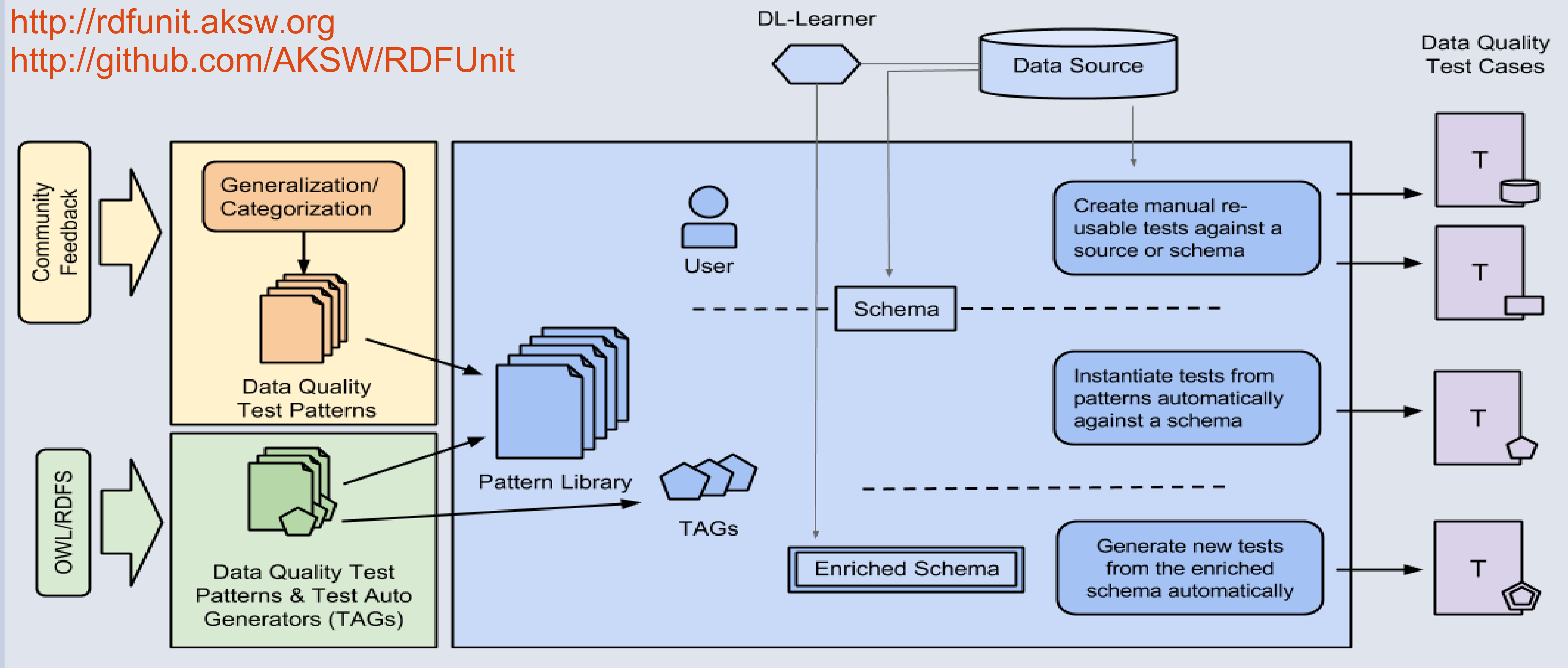


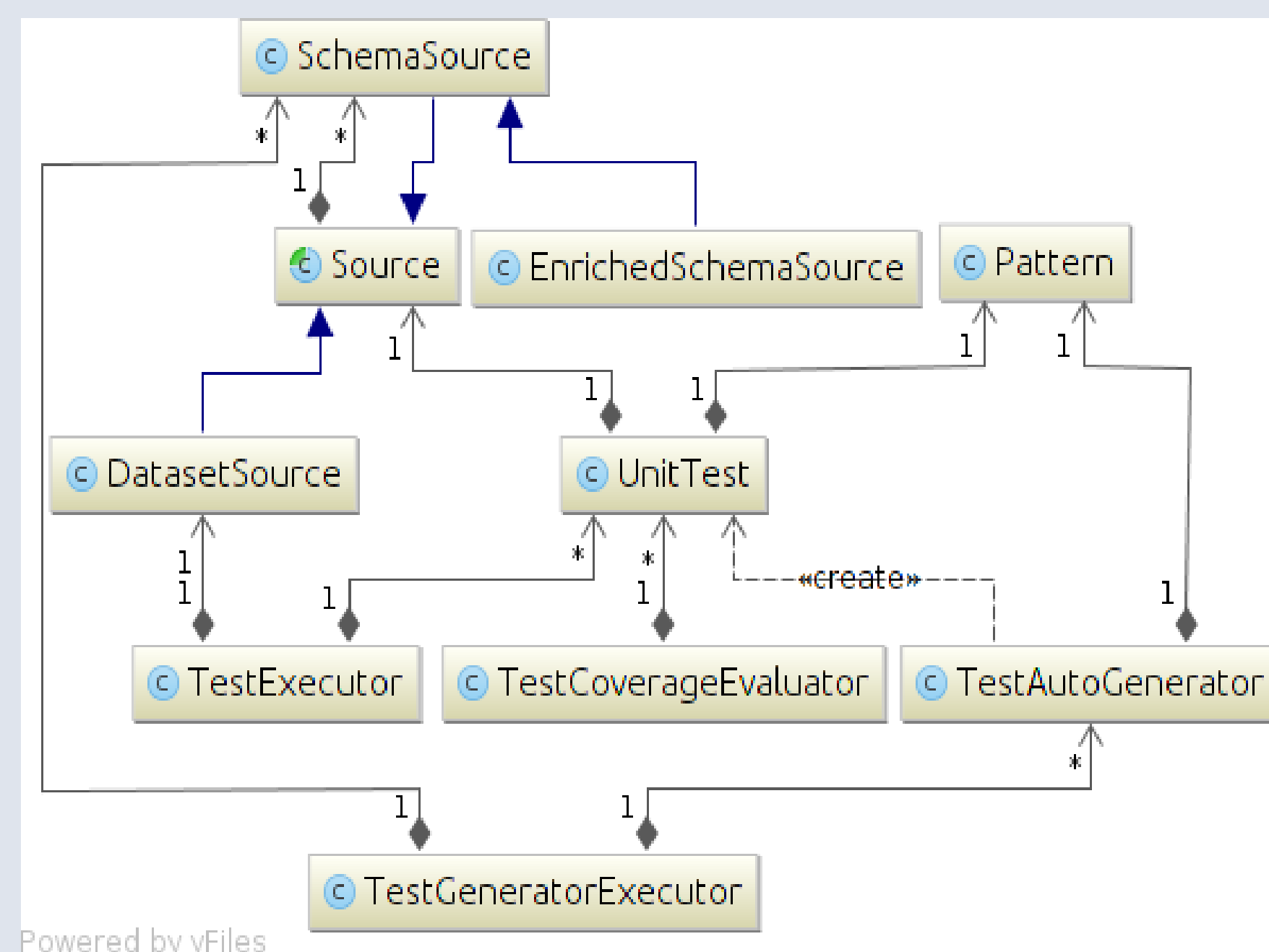
~~Databugger~~ RDFUnit: A Test-Driven Framework for Debugging the Web of Data

Dimitris Kontokostas, Patrick Westphal, Sören Auer, Sebastian Hellmann, Jens Lehmann, Roland Cornelissen

<http://rdfunit.aksw.org>
<http://github.com/AKSW/RDFUnit>



- CLI / Web interface
- Schema prefix dereferencing
- Semi-automatic test case instantiation
- Test case pattern library
- Rich error reporting (4 modes)



Powered by yFiles

Testing Configuration

Clear

Select an example

Uri Burner

SPARQL Endpoint

<http://linkeddata.uriburn.org>

Graph

Test against the following schemas

[foaf \(http://xmlns.com/foaf/0.1/\)](http://xmlns.com/foaf/0.1/)

[skos \(http://www.w3.org/2004/02/skos/core#\)](http://www.w3.org/2004/02/skos/core#)

[geo \(http://www.w3.org/2003/01/geo/wgs84_pos#\)](http://www.w3.org/2003/01/geo/wgs84_pos#)

[dcterms \(http://purl.org/dc/terms/\)](http://purl.org/dc/terms/)

[prov \(http://www.w3.org/ns/prov\)](http://www.w3.org/ns/prov)

Enter prefix or URI

Test Generation

Generate tests

Completed! Generated 289 tests

Test Results

Type	URI	Automatic	Manual
SchemaSource	http://xmlns.com/foaf/0.1/	95	-
SchemaSource	http://www.w3.org/2004/02/skos/core#	14	20
SchemaSource	http://www.w3.org/2003/01/geo/wgs84_pos#	4	3
SchemaSource	http://purl.org/dc/terms/	28	-
SchemaSource	http://www.w3.org/ns/prov	125	-

Testing

Run tests

Completed! (S: 0 / F: 13 / T: 28 / E: 24603)

Cancel

Test Results

S	Test	Errors	Prevalence
F	http://databugger.aksw.org/tests#foaf-INVFUNC-0a77ce81bec99608d28790eb695d11fa	25	-1
F	http://databugger.aksw.org/tests#foaf-INVFUNC-105e1374ad211491979c95caa27ba2f5	53	786
-	http://databugger.aksw.org/tests#foaf-INVFUNC-11eb481f2e37c9e1fd18066d637bc013	-	-
F	http://databugger.aksw.org/tests#foaf-INVFUNC-18fb0cf9dc8ff9ad9d42982e0434db2c	476	1214
F	http://databugger.aksw.org/tests#foaf-INVFUNC-2e2b3b0e569d5316d760bdf30f9ecf48	34	87
F	http://databugger.aksw.org/tests#foaf-INVFUNC-4fe77a880206d4b9a00b9972176043b1	84	244
F	http://databugger.aksw.org/tests#foaf-INVFUNC-58e73e30a1082f24e75ecb7c394415d9	21219	366471
F	http://databugger.aksw.org/tests#foaf-INVFUNC-9e12004a97dd6757449f9a1acf86b2a0	165	482
-	http://databugger.aksw.org/tests#foaf-INVFUNC-a81976fee7973a3c722c1cedc2ede84f	-	-
F	http://databugger.aksw.org/tests#foaf-INVFUNC-b009723769eb05dcb5d67594816a6dba	69	168
F	http://databugger.aksw.org/tests#foaf-INVFUNC-b6b5b018064e92966bd79a6648b369a7	2474	21301
-	http://databugger.aksw.org/tests#foaf-INVFUNC-ecce13a3f9c3919a10d56b18599412cc0	-	-
F	http://databugger.aksw.org/tests#foaf-OWLCARD-0cab7cf9453873d6fdd60fac66544246	1	7566
F	http://databugger.aksw.org/tests#foaf-OWLCARD-28319b6c1b670d59d90438819fe7e3b4	1	484