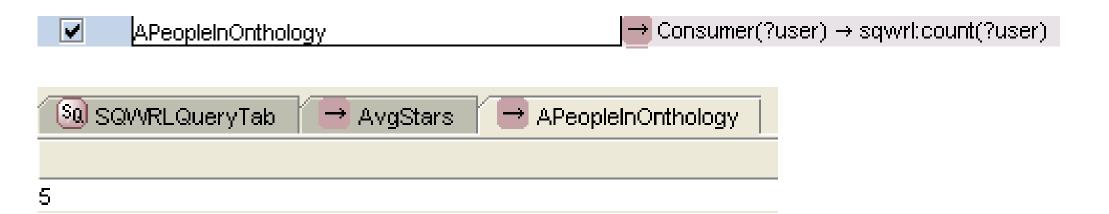
SWRL in Protege 3.x and 4.x

A few notes

SWRL in Protege 3.x

- SWRLTab
 - Developed at Standford by Martin O'Connor
 - · Jess (Sandia National Laboratories) rule engine built into plugin
 - Port started to Protege 4.x
- SQWRL (Semantic Query-Enchanced Web Rule Language)
 - Developed as a query language that works more closely with OWL
 - SPARQL works more closely with RDF
 - «Transforms» a rule to retreival
 - Unable to write back to onthology because it may lead to nonmonotonicity

Counts number of users in the ontholog



Calculate average hotel stars for users trips



SWRL in Protege 4.x

- Plain SWRL. No extentions, no layers
- Uses the onthology reasoner

References

- Martin O'Connor on SQWRL: http://bmir.stanford.edu/file_asset/index.php/1723/BMIR-2009-1395.pdf
- Standford, MIT, BBN, Echopass on SWRLTab: http://bmir.stanford.edu/file_asset/index.php/1157/BMIR-2005-1080.pdf