Using SPARQL Inside Protégé

Step1: Loading the TTL file

You can first open up the TTL file you want to load in. If it cannot load it due to some syntax errors, it will tell you straight away.

Step 2: Create the SPARQL Query window

Then you can find the "SPARQL Query" window somewhere on top.

Window Ontop Mastro Help				
Views ►	ropbox/Work/thesis/rdf-transform			
Tabs 🕨	✓ Active Ontology			
Create new tab Delete custom tabs Import tab Export current tab Store current layout Reset selected tab to default state	 ✓ Entities Classes Object Properties Data Properties Annotation Properties Class matrix ✓ Individuals by class 			
Capture view to clipboard	Property matrix Individuals matrix OWLViz ✓ DL Query ✓ Individual Hierarchy Tab Mastro			
Timestamp log / console Show log				
Look & Feel				
Refresh user interface	SWRLTab OWLAx OAF Class Browser Ontop SPARQL ROWLTab OntoGraf OAF for Protege Ontop Mappings Debugger			
format	SQWRLTab			
blacktown-2008-201"text/csv"^^ <http: td="" w<=""><td>Ontology Differences ✓ SPARQL Query</td></http:>	Ontology Differences ✓ SPARQL Query			

Step 3: Running a SPARQL query

Then you can run your favourite query like so on the SPARQL Query tab:

Active Ontology x Entities x Individuals by class x DL Query x Individual Hierarchy Tab x SPARQL Query x					
SPARQL query:					
PREFX cdf -chttp://www.w3.org/13999/02/22 PREFX cwf -chttp://www.w3.org/2002/07/0 PREFX cdf: -chttp://www.w3.org/2002/07/0 PREFX cdf: -chttp://www.w3.org/2002/MLS PREFX analytics: -chttp://www.w3.org/2001/MLS PREFX analytics: -chttp://www.w3.org/2001/MLS PREFX fxhc: -chttp://uput.org/spar/fabio/> PREFX fxhc: -chttp://uput.org/spar/fabio/> PREFX fabic: -chttp://uput.org/spar/fabio/> PREFX date: -chttp://uput.org/spar/fabio/> PREFX date: -chttp://uput.org/sca/fabio/> PREFX date: -chttp://uput.org/sca/fabio/> PREFX date: -chttp://uput.org/sca/fabio/> PREFX date: -chttp://uput.org/sca/fabio/> PREFX date: -chttp://uput.org/sca/fabio/>	-rdf-syntax-ns#> ##> df-schema#> ichema#> du.au/anlytics#> Jresource/analytics#> a#> > 'esource/>				
SELECT DISTINCT ?ds ?url ?format ?label ?com WHERE {	iment				
#Repeat the following for each restrict #Repeat the following for each restrict SFI FCT 7ds 7url 2format 7label 7comment	# ion#				
ds	url format	label	comment		
'Blacktown SA2 - 2008-2017'	"/home/house_price_data/blacktown-2008-201"text/csv"^^<	http://www.w3.org/2000/01/rdf "Blacktown SA2	2 - 2008-2017"^^ <http: "sa2="" house="" prio<="" td="" www=""><td>ce data for Blacktown LGA"^^<i< td=""></i<></td></http:>	ce data for Blacktown LGA"^^ <i< td=""></i<>	

WARNING: IF NOTHING APPEARS ON THE SPARQL WINDOW, MAKE SURE YOU DOWNLOAD THE RIGHT PLUG-INS AND RESTART PROTÉGÉ

The only hard part is when you have an error in your query as the error message isn't too useful:

