

input: source URIs S_u , source ontology O_a , SPARQL endpoint se

output: a string saved as an owl (rdf/xml) file

set $S_r = \text{empty set}$, String $output = ""$

while S_u is not empty

 pop U_i from S_u #Note: U_i is an item from S_u

 put U_i into S_r

string $STR_r = \text{get RDF triples of the Concise Bounded Description of } U_i$

$output += STR_r$

 set $S_p = \text{empty set}$

 parse RDF triple results and include URIs of referenced entities into S_p

 for each U_j in S_p

 if U_j not in S_r

 put U_j into S_u

return $output$