

Query 1

The client has the coordinates (i.e., latitude and longitude) of his current position and he wants to search for Automatic Teller Machines (ATM for short) closer to him.

query inputs		query outputs			
parameter	associated ontology concept	parameter	associated ontology concept		
latitude	geography.owl#latitude	ATMs	bankontology2.owl#ATMLocationList		
longitude	geography.owl#longitude				
needed services					
service name		selected atomic processes			
GeographicLocations.owl		Coordinates, GetAddress			
ATMLocator.owl		GetATMLocationByAddress			
match details of query outputs					
output	produced by service		match degree	sim. value	
ATMLocationList	ATMLocator.owl		exact match	1	
match details of auxiliary concepts					
aux. concept	prduced by	matched concept	taken by	match degree	sim. value
cityName	GeographicLocation.owl	city	ATMLocator.owl	exact match	0,8
countryName	GeographicLocation.owl	state	ATMLocator.owl	exact match	0,75
streetName	GeographicLocation.owl	streetName	ATMLocator.owl	exact match	1