IS 1	query	Interactive / short / 1		
IS 2	title	Profile of a person		
IS 3 IS 4 IS 5 IS 6 IS 7	pattern	person: Person id = \$personId firstName lastName birthday locationIP browserUsed gender creationDate city: City id		
	desc.	riven a start Person, retrieve their first name, last name, birthday, IP address, browser, and city f residence.		
	params	1 personId ID		
	result	1 person.firstName String R 2 person.lastName String R 3 person.birthday Date R 4 person.locationIP String R 5 person.browserUsed String R 6 city.id ID R 7 person.gender String R 8 person.creationDate DateTime R		

	Interactive	e/snort/2			
IS 1	query	Interactive / short / 2			
IS 2	title	Recent messages of a person			
IS 3 IS 4 IS 5 IS 6 IS 7	pattern	person: Person id = \$personId id = \$personId id content / imageFile creationDate replyOf*0 originalPoster: Person id firstName lastName			
	desc. Given a start Person, retrieve the last 10 Messages created by that user. For each Message, respectively. Message, the original Post in its conversation (post), and the author of that Post (original Fany of the Messages is a Post, then the original Post (post) will be the same Message Message will appear twice in that result.				
	params	1 personId ID			
	result	1 message.id ID R message.content or 2 message.imageFile (for photos) 3 message.creationDate DateTime R			
		4 post.id ID R			
		5 originalPoster.id ID R			
		6 originalPoster.firstName String R 7 originalPoster.lastName String R			
	sort	1 message.creationDate ↓ 2 message.id ↓			

message.id

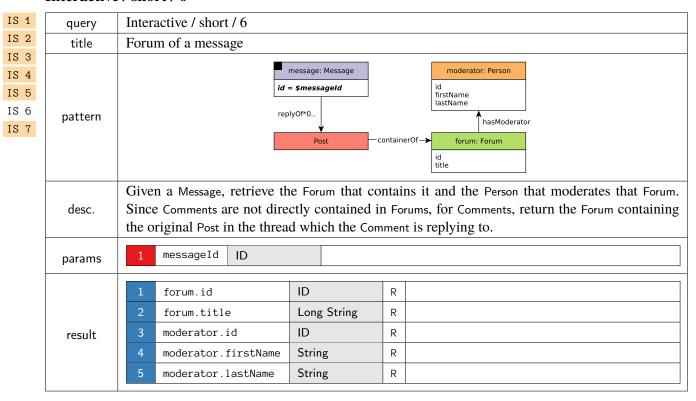
IS 1	query	Interactive / short / 3		
IS 2	title	Friends of a person		
IS 3				
IS 4		person: Person knows friend: Person creationDate		
IS 5	pattern	id = \$personId id firstName		
IS 6		lastName		
IS 7	desc.	Given a start Person, retrieve all of their friends, and the date at which they became friends.		
	params	1 personId ID		
	result	1 friend.id ID R		
		2 friend.firstName String R		
		3 friend.lastName String R		
		4 knows.creationDate DateTime R		
	sort	1 knows.creationDate ↓ 2 friend.id ↑		

Interactive / short / 4

IS 1	query	Interactive / short / 4			
IS 2	title	Content of a message			
IS 3 IS 4 IS 5 IS 6	pattern	<pre>message: Message id = \$messageId creationDate content / imageFile</pre>			
IS 7	desc.	Given a Message, retrieve its content and creation date.			
	params	1 messageId ID			
		1 message.creationDate			
	result	2 message.imageFile (for photos) R messageContent			

IS 1	query	Interactive / short / 5		
IS 2	title	Creator of a message		
IS 3				
IS 4	nattorn	message: Message hasCreator person: Person		
IS 5	pattern	id = \$messageId id firstName lastName		
IS 6		lastivame		
IS 7	desc.	Given a Message, retrieve its author.		
	params	1 messageId ID		
		1 person.id ID R		
	result	2 person.firstName String R		
		3 person.lastName String R		

Interactive / short / 6



IS
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L	query	Interactive / short / 7			
	title	Replies of a message			
	pattern	id = \$	replyOf ment: Comment — h	asCreato asCreato	«opt» knows
	desc.		lag knows indica	ting	t reply to it. if the author of the reply (replyAuthor) knows). If author is same as original author, return
	params	1 messageId ID			
		1 comment.id	ID	R	
		2 comment.content	Text	R	
		3 comment.creationDate	DateTime	R	
		4 replyAuthor.id	ID	R	
	result	5 replyAuthor.firstName	String	R	
	resurt	6 replyAuthor.lastName	String	R	
					True if the knows edge exists between the replyAuthor and the messageAuthor nodes,
		7 knows	Boolean	С	False otherwise (including the case when the two nodes are the same)