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1	query	Interactive / short / 1		
2	title	ile of a person		
34567	pattern	person: Person id = \$personId firstName lastName birthday locationIP browserUsed gender creationDate city: City id		
	desc.	Given a start Person, retrieve their first name, last name, birthday, IP address, browser, and of 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	/ SHOFt / Z		
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: id = \$perso	Person hasCrea	id content / imageFile creationDate replyOf*0
	desc.	Message, the original Post in its co	onversation (post then the original	eated by that user. For each Message, return that), and the author of that Post (originalPoster). Post (post) will be the same Message, i.e. that
	params	T personia ID		
		<pre>1 message.id message.content or 2 message.imageFile (for photos)</pre>	ID Text	R
	result	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

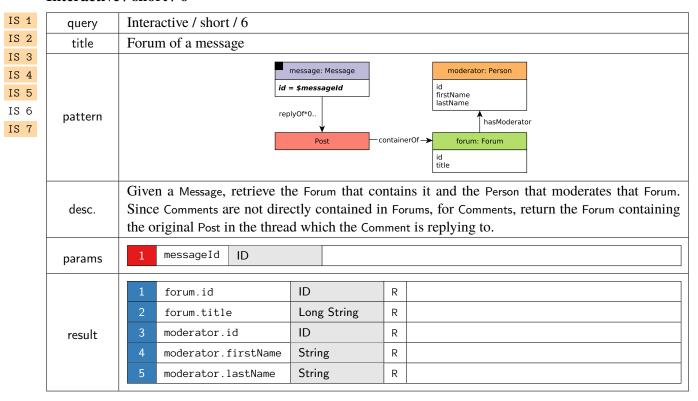
IS 1	query	Interactive / short / 3		
IS 2	title	Friends of a person		
IS 3	title			
IS 4	pattern	person: Person knows friend: Person creationDate		
IS 5		id = \$personId id firstName		
IS 6		lastName		
IS 7	desc.	Given a start Person, retrieve all of their friends, and the date at which they became friends.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

IS 1	query	Interactive / short / 5		
IS 2	title	Creator of a message		
IS 3				
IS 4	pattern	message: Message hasCreator person: Person		
IS 5	pattern	id = \$messageId id firstName lastName		
IS 6		lastivalite		
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



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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			
	result	1 comment.id	ID	R	
		2 comment.content	Text	R	
		3 comment.creationDate	DateTime	R	
		4 replyAuthor.id	ID	R	
		5 replyAuthor.firstName	String	R	
		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)