BI / read / 12

BI 1	query	BI / read / 12
BI 2	title	How many persons have a given number of messages
BI 3	pattern	2. personCount = count 1. messageCount = count
BI 4		Person Message Post Post
BI 6		content not empty and language in \$languages
BI 7		count Persons grouped by length < \$lengthThreshold and \$date < creationDate
BI 8		
BI 9		For each Person, count the number of Messages they made (messageCount). Only count Messages
BI 10		with the following attributes:
BI 11		• Its content is not empty (and consequently, the imageFile attribute is empty for Posts).
BI 12		• Its length is below the lengthThreshold (exclusive, equality is not allowed).
BI 13		• Its creationDate is after date (exclusive, equality is not allowed).
BI 14		• It is written in any of the given languages.
BI 15	desc.	The language of a Post is defined by its language attribute.
BI 16 BI 17		 The language of a Comment is that of the Post that initiates the thread where the Com-
BI 18		ment replies to.
BI 19		The Bound Control in the male to all and (formation Action Dec.) is not been to
BI 20		The Post and Comments in the reply tree's path (from the Message to the Post) do not have to satisfy the constraints for content, length and creationDate.
		satisfy the constraints for concent, rength and creatforbate.
		For each messageCount value, count the number of Persons with exactly messageCount Messages
		(with the required attributes).
		1 date Date
	params	Selected as balanced against date to filter around
		2 lengthThreshold 32-bit Integer 30% of the Messages within a language and keep the
		variance low
		Only the most frequently used languages are
		selected
	result	1 messageCount 32-bit Integer A Number of Messages created
		personCount 32-bit Integer A Number of Persons With messageCount Messages
		1 personCount ↓
	sort	2 messageCount ↓
	CD	
	CPs	1.1, 1.2, 1.4, 3.2, 4.2, 4.3, 8.1, 8.2, 8.3, 8.4, 8.5