## BI / read / 3

BI 1	query	BI/read/3
BI 2	title	Tag evolution
BI 3 BI 4 BI 5 BI 6 BI 7 BI 8 BI 9 BI 10 BI 11	pattern	CountMonth1 = count  Message  year(creationDate) = \$year and month(creationDate) = \$month  Tag: Tag  name  CountMonth2 = count  countMonth2 = count  wessage  year(creationDate) = \$year + \$month/12 and month(creationDate) = \$month + \$month%12  tag: Tag  name
BI 12		
BI 13 BI 14 BI 15	desc.	Find the Tags that were used in Messages during the given month of the given year and the Tags that were used during the next month.  For the Tags and for both months, compute the count of Messages.
BI 16 BI 17 BI 18	params	1 year 32-bit Integer 2 month 32-bit Integer
BI 19 BI 20 BI 21 BI 22 BI 23	result	1 tag.name String R  2 countMonth1 32-bit Integer A  Occurrences of the tag during the given year and month Occurrences of the tag during the next month after
BI 24 BI 25		the given year and month  diff  32-bit Integer  A Absolute difference of countMonth1 and countMonth2
	sort	1 diff ↓ 2 tag.name ↑
	limit	
	CPs	2.4, 3.1, 3.2, 4.1, 4.3, 5.3, 6.1, 8.2, 8.5
BI 10 BI 11 BI 12 BI 13 BI 14 BI 15 BI 16 BI 17 BI 18 BI 19 BI 20 BI 21 BI 22 BI 23 BI 23	params result sort limit	Find the Tags that were used in Messages during the given month of the given year and the that were used during the next month.  For the Tags and for both months, compute the count of Messages.  1