

## BI / read / 24

query	BI / read / 24																													
title	Messages by Topic and Continent																													
pattern	<div><div><div><div>TagClass</div><div>name = \$tagClass</div></div><div>↑ hasType</div><div><div>Tag</div><div>↑ hasTag</div><div><div><div>Message</div><div>year(creationDate) month(creationDate)</div></div><div>← likes</div><div><div>Person</div><div>likeCount = count</div></div></div><div>messageCount = count</div><div>↓ isLocation</div><div><div>Country</div><div>↓ isPartOf</div><div><div>continent: Continent</div><div>name</div></div></div></div></div></div>																													
desc.	Find all <i>Messages</i> tagged with a <i>Tag</i> from the given <i>tagClass</i> (non-transitive). Count all <i>Messages</i> and their likes grouped by continent, year, and month.																													
params	<div><div>1</div><div>tagClass</div><div>String</div><div></div></div>																													
result	<table><tr><td>1</td><td>messageCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>2</td><td>likeCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>3</td><td>year</td><td>32-bit Integer</td><td>C</td><td>Year of the <i>Message</i>'s creationDate</td></tr><tr><td>4</td><td>month</td><td>32-bit Integer</td><td>C</td><td>Month of the <i>Message</i>'s creationDate</td></tr><tr><td>5</td><td>continent.name</td><td>String</td><td>R</td><td></td></tr></table>					1	messageCount	32-bit Integer	A		2	likeCount	32-bit Integer	A		3	year	32-bit Integer	C	Year of the <i>Message</i> 's creationDate	4	month	32-bit Integer	C	Month of the <i>Message</i> 's creationDate	5	continent.name	String	R	
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3	continent.name	↓																												
limit	100																													
CPs	1.6, 2.1, 2.3, 2.4, 3.2, 4.3																													