## BI / read / 2

| query | BI / read / 2 |
|---|---|
| title | Tag evolution |

| pattern | |
|---|---|



| description | Find the Tags under a given $tagClass that were used in Messages during in the 100-day time window starting at $date and compare it with the 100-day time window that follows. For the Tags and for both time windows, compute the count of Messages. |
|---|---|

| params | | | | |
|---|---|---|---|---|
| | 1 | $date | Date | Based on the creation day – TagClass – number of Messages factor table: (a) A flashmob date (b) A non-flashmob date |
| | 2 | $tagClass | Long String | For both (a) and (b), TagClasses with a similar amount of Messages are selected |

| result | | | | | |
|---|---|---|---|---|---|
| | 1 | tag.name | Long String | R | |
| | 2 | countWindow1 | 32-bit Integer | A | Occurrences of the tag during the first time window |
| | 3 | countWindow2 | 32-bit Integer | A | Occurrences of the tag during the second time window |
| | 4 | diff | 32-bit Integer | A | Absolute difference of countWindow1 and countWindow2 |

| sort | | | |
|---|---|---|---|
| | 1 | diff | ↓ |
| | 2 | tag.name | ↑ |

| limit | 100 |
|---|---|
| CPs | 2.4, 3.1, 3.2, 4.1, 4.2, 4.3, 5.3, 6.1, 8.2, 8.5 |