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Cypher zip collections

asked   4 months ago
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2

If I have two collections, how might I zip them together?

```
with [1,2,3] as nums, ['a', 'b', 'c'] as letters
... wat do? ...
return zipped // [{a: 1}, {b: 2}, {c: 3}]
```

neo4j   cypher

share improve this question   edited Mar 25 at 17:54

asked Mar 25 at 17:48
Brian Gates
147 ● 13

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1 Answer

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5

It may not be possible to dynamically assign map keys (e.g., using the items in `letters`). But this query will return something similar to what you want (using collections instead of maps):

```
WITH [1,2,3] as nums, ['a', 'b', 'c'] as letters
RETURN EXTRACT(i IN RANGE(0, LENGTH(nums) − 1) | [letters[i], nums[i]]) AS result;
```

✓ The result is:

```
[["a",1],["b",2],["c",3]]
```

share improve this answer   edited Mar 25 at 21:18

answered Mar 25 at 20:11
cybersam
9,941 ● 2 ● 7 ● 21

I was just about to answer this question, but then ran into a meta-question. See this link - can you elaborate? stackoverflow.com/questions/29265673/… – FrobberOfBits Mar 25 at 20:16

2   I found this to also work pretty well: WITH [1,2,3] as nums, ['a', 'b', 'c'] as letters RETURN EXTRACT(i IN RANGE(0, LENGTH(nums) - 1) | {letter: letters[i], num: nums[i]}) AS result; – Brian Gates Mar 26 at 20:18

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