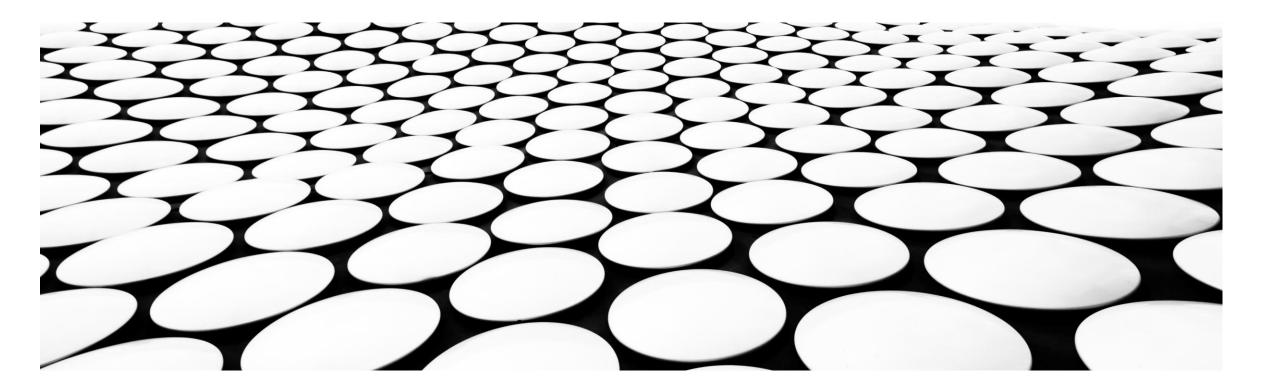
NEO4J – APOC_GRAPH GROUPING

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```
MATCH (n) released
SET n.century = toInteger(coalesce(n.born,n.relased)/100) * 100;
```

CALL apoc.nodes.group(['Person', 'Movie'],['century']);

There is no guide/dataset to create data. Fortunately, I remembered that I can download movie1.csv files from 'Importing Data' lectures of Graph Academy. And I just want to let you know I tried to practice this example on SandBox with Movies dataset.

Anyway, I created data using movie1.csv. I created the dataset by importing csv. I intend to use 'released' and 'born' as props name to use the cypher on APOC documentation. There is a misspelling 'relased' and I encountered an error. I repeated to delete & create dataset and executed the apoc procedures. Later I found the misspelling.

I can fix the mistake and keep studying, but I think the content uploaders/developers who are in charge should double-check by putting themselves in the user's shoes.

```
1 LOAD CSV WITH HEADERS FROM 'file:///movies1.csv' AS row
2 MERGE (m:Movie {movieId: toInteger(row.movieId), title:row.title, avgVote:toFloat(row.avgVote),
released: toInteger(row.releaseYear), genres:split(coalesce(row.genres,""), ":")})
3
4 LOAD CSV WITH HEADERS FROM 'file:///people.csv' AS row
5 MERGE (p:Person {personId:toInteger(row.personId), name:row.name,
born; coalesce(toInteger(row.birthYear), 0)})
```

Also, I want to get the information about the dataset. I could create 'Person' and 'Movie' nodes but I don't know how to connect all of them randomly for only practicing apoc procedures.

The only required parameters are a *label-list* (can also be ['*']) and a *list of property names* to group by (both for rels/nodes).

I think * can be used only when all of different labels have a common property for grouping.



In my opinion, *(asterisk, means "all") should be changed to 'Person' because the label <u>'Forum' data don't have 'gender'</u> property.

When I put 'Person' in the [label field], I got the result with grouping by 'gender' property.

If developers intended to use * for a label-list, I would like to let them know it's not working.

Something went wrong: "TypeError: Cannot read property 'join' of null" and the application can't recover.

Reload application

```
with ["US", "DE", "UK", "FR", "CA", "BR", "SE"] as tld
unwind range(1,1000) as id
create (u:User {id:id, age : id % 100, female: rand() < 0.5, name: "Name "+id, country:tld[toInteg
with collect(u) as users
unwind users as u
unwind range(1,10) as r This is redundant because alias r(number from 1 to 10) is not used in the cypher.
with u, users[toInteger(rand()*size(users))] as u2
where u <> u2
merge (u)-[:KNOWS]-(u2);
```

I can pass this redundant line, but I think it makes beginners confused.