

## neo4j returning number of nodes and relationships created

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I have a python function that adds nodes and relationship to the graph.  
I have added the nodes and relationship using graph.cypher.execute().

```
arr_len = len(dic_st[story_id]['PER'])
for j in dic_st[story_id]['PER']:
    graph.cypher.execute("MERGE (n:PER {name:{name}})", name = j[0].upper())    #creating the nodes of PER in
the story
    print j[0]
for j in range(0, arr_len):
    for k in range(j+1, arr_len):
        graph.cypher.execute("MATCH (p1:PER {name:{name1}}), (p2:PER {name:{name2}}) WHERE upper(p1.name)
<>upper(p2.name) CREATE UNIQUE (p1)-[r:in_same_doc {st_id:{st_id}}]-(p2)", name1=dic_st[story_id]['PER'][j]
[0].upper(), name2=dic_st[story_id]['PER'][k][0].upper(), st_id=story_id)    #linking the edges for PER nodes
```

What I need is to return the number of new nodes and relationships created from the function.

What I get to know from the neo4j documentation is that there is something called "ON CREATE" and "ON MATCH" for MERGE in cypher, but that's not being very useful. The browser interface for neo4j do actually shows the number of nodes and relationship updated. This is what I need to return, but I am not getting quite the way for it to access it through cypher.

Any idea about it.....

