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neo4j relationships between nodes using a common property (id) without creating more nodes

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I have been trying to match together two different nodes (process) and (process framework) that have the same id. I want to set a relationship between those (called:SAME). The query works but it creates 3 times the amount of processes that I wanted and I can´t figure out why:

```
MATCH (p:Process)
MATCH (pcf:ProcessFramework)
WHERE HAS (p.id) AND HAS (pcf.pcf_id) AND p.id=pcf.pcf_id
MERGE (p)<-[:same]-(pf)
return p,pcf
```

I also tried it with CREATE UNIQUE instead of MERGE but its the same result. I am not a developer so maybe I am doing a very obvious mistake but I really can´t see it! Thanks!

neo4j   cypher

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edited Apr 13 at 9:39   asked Apr 13 at 9:17
Christophe Willemsen   Ana Lucia
5,115 ● 1 ● 4 ● 17   1

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1 Answer

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You have a typo in your query, you use `pf` where you should use `pcf` in the `MERGE`.

I'd also change it to this and make sure you have an index on `:ProcessFramework(pcf_id)`

```
MATCH (p:Process)
MATCH (pcf:ProcessFramework)
WHERE p.id=pcf.pcf_id
MERGE (p)<-[:same]-(pcf)
return p,pcf
```

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answered Apr 13 at 10:35
Michael Hunger
25.2k ● 2 ● 21 ● 41

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