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OrientDB - On demand time tree node creation

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Creating a time tree is pretty straight forward in Neo4j:

```
2 MERGE (y:Year {id:2014})
MERGE (y)-[:PART_OF]-(m:Month {id:1})
MERGE (m)-[:PART_OF]-(d:Day {id:13})
RETURN y.id,m.id,d.id;
```

(taken from [jexp.de/blog](#)).

How do I achieve the same result in OrientDB? It seems to be lacking an equivalent MERGE function (if exist, ignore, else create).

Thanks in advance,


-ifor

[neo4j](#) [orient-db](#)

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asked Apr 9 at 9:47

 **iforwms**
76 ● 6

1 Answer

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You can use **UPDATE ... UPSERT ...**. Note however this works for vertices, **not edges**.

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answered Apr 10 at 6:35

 **rmuller**
2,483 ● 10 ● 26

Thanks, so I can do this: `update DAY set time = 10 upsert return after @rid where time = 10` which gives me a new DAY vertex with a value of 10, then return its `@rid`. It seems like it's going to be quite verbose to check if that `@rid` has an hour vertex connected to it, if not, create it and join it etc and recursively from YEAR down to SECOND. Any elegant solutions to this? - [iforwms](#) Apr 10 at 12:33

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asked 4 months ago

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
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