

## get path with condition on previous node

4 posts by 2 authors 



**Alex Ginhoux**

May 5



Hi,

I have some nodes with a *long* property like this: (:Node{**p1**:1}), (:Node{**p1**:2}), (:Node{**p1**:3}).

I'm searching for paths with constraints on nodes like this:

In the path, I want the **p1** property of all nodes are *greater* than the **p1** property of the previous node (in the path).

Is it possible to do this with or without shortestPath? I don't find anything about it.

Regards,



**Michael Hunger**

May 5



you can try:

```
match path = (a:Node {p1:1})-[:NEXT*10]->()
where all(idx in range(0,size(path)-1) WHERE (nodes(path)[idx]).p1 < (nodes(path)[idx+1]).p1 )
return path
```

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**Alex Ginhoux**

May 9



Thank you for the reply. This is what I was searching for. It work. I hope the performance will be good.

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**Michael Hunger**



May 9

I don't think the performance will be exceptional.

Depends on your dataset and fan-out rate.

If it is few relationship-fan-out then it will be fine though.

**Michael**

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