

## Neo4j 2 - Indexed Array Matching

3 posts by 2 authors  



**dav prz**

Apr 15



So I have an array which has been indexed

I want to query nodes which have an specific element in their arrays.  
i.e:

```
MATCH (n:Label{ 'abc' in array_property })  
RETURN n
```

any hints to query this such that it uses the index?

Thanks



**Michael Hunger**

Apr 15



Only the full array is indexed, not individual entries.

So it won't use the index except if you provide the same array that was initially indexed.

The old lucene index had a different behavior that used the individual elements for lookups, but that lead to inconsistent behavior (esp. around uniqueness).

in general what you can only do is (non accelerated):

```
MATCH (n:Label)
```

```
WHERE 'abc' in a.array_property
```

```
RETURN n
```

Michael

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**dav prz**

Apr 15



Hi Michael,

Thanks for all your quick responses.

This clear it out for me, however I was expecting the previous behaviour :(.  
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