

ultimate neo4j-import simplicity challenge

2 posts by 2 authors  



Brian M Hamlin

Apr 18



Hi All - I am new to neo4j, and would like to make the ultimate simple example...
(I did see this blog post.. this is the simplest thing I could find.. I want something even simpler !)
<http://www.intelliwareness.org/2014/12/neo4j-new-neo4j-import/>

I *suspect* that I am not creating an index on import, but I have no proof...
I have had a successful load in that I can see a "size" for the database, but a "SELECT ALL" query returns nothing
I am trying many small variations of headers but no progress..
Hints, tips etc much appreciated !! make a super-simple example from scratch !!

##-----

node_a [INTERA] node_b

INTERA is a trivial placeholder .. the data set is 13,000 nodes, 141,000 edges

```
bin/neo4j-import --into data/import0.db \  
--nodes /Users/Shared/c_assets/neo4j_import_work/nodes.csv \  
--relationships /Users/Shared/c_assets/neo4j_import_work/rels.csv
```

my setup is ..

neo4j.properties

...

Autoindexing

node_auto_indexing=true

node_keys_indexable=ATTRA

relationship_auto_indexing=true

relationship_keys_indexable=INTERA

input files

nodes.csv

ID:int,ATTRA

1,1

10,10

100,100

1000,1000

10000,10000

10001,10001

10002,10002

100049587,100049587

10005,10005

10006,10006
10007,10007
10008,10008
10009,10009
1001,1001
10010,10010
100101267,100101267
100101629,100101629
...

rels.csv

:START_ID,:END_ID,:TYPE

100290337,4214,INTERA

122704,54460,INTERA

4790,79155,INTERA

2597,70,INTERA

5923,7157,INTERA

509,6122,INTERA

4067,933,INTERA

398,998,INTERA

...



Michael Hunger

Apr 18



Hi Brian,

for that dataset you don't need the import tool, it would also work with LOAD CSV, which you can run directly from your browser:

I think using camel case for property names makes it easier to read.

Also try to use names that are easy to understand, both ATTRA as well as INTERA sound like coming from limited size relational database columns and table names:

Also please add a label to your nodes, not sure what the type is.

So the minimal example would look like: http://gist.asciidoctor.org/?dropbox-14493611%2Fblog%2Fadoc%2Fsimplest_import_example.adoc

Shutdown the server first.

```
bin/neo4j-import --into path/to/neo/data/graph.db \  
--nodes:Person nodes.csv \  
--relationships:INTERACTED_WITH rels.csv
```

--id-type long

nodes.csv

userId:ID

1

10

100

1000

10000

rels.csv

:START_ID,:END_ID

100290337,4214

122704,54460

4790,79155

after starting your database run:

```
create constraint on (p:Person) assert p.userId is unique;
```

Not sure what you mean with SELECT ALL.

Please don't forget

WITH LOAD CSV it would look like:

```
create constraint on (p:Person) assert p.userId is unique;
```

```
load csv with headers from "file:nodes.csv" as row
```

```
create (:Person {userId: row.userId});
```

```
using periodic commit
```

```
load csv with headers from "file:rels.csv" as row
```

```
match (p1:Person {userId: row.`:START_ID`}), (p2:Person {userId: row.`:END_ID`})
```

```
create (p1)-[:INTERACTED_WITH]->(p2);
```

Am 18.04.2015 um 05:26 schrieb Brian M Hamlin <bhamlin@agilesde.com>:

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disable these

neo4j.properties

...

Autoindexing

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#relationship_auto_indexing=true

#relationship_keys_indexable=INTERA

- show quoted text -

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