Delete the old database before using these:

batchnodeinsert NodeInsertData.txt graphdb1

batchedgeinsert EdgeInsertData.txt graphdb1

Run each of the queries below twice.

Positive Results (e.g. query has results):

PQ1 graphdb1 1000 a ND7,1,4,22,12/NL248/NL384/NL514

PQ1 graphdb1 1000 b ND7,1,4,22,12/NL248/NL384/NL514

PQ1 graphdb1 1000 c ND7,1,4,22,12/NL248/NL384/NL514

PQ1 graphdb1 1000 a NL384/NL514

PQ1 graphdb1 1000 b NL384/NL514

PQ1 graphdb1 1000 c NL384/NL514

PQ1 graphdb1 1000 a ND24,42,37,8,44/ND42,2,47,47,33

PQ1 graphdb1 1000 b ND24,42,37,8,44/ND42,2,47,47,33

PQ1 graphdb1 1000 c ND24,42,37,8,44/ND42,2,47,47,33

PQ1 graphdb1 1000 a NL23/ND1,2,3,4,5/NL40

PQ1 graphdb1 1000 b NL23/ND1,2,3,4,5/NL40

PQ1 graphdb1 1000 c NL23/ND1,2,3,4,5/NL40

PQ2 graphdb1 1000 a NL23/MW100/MW150

PQ2 graphdb1 1000 b NL23/MW100/MW150

PQ2 graphdb1 1000 c NL23/MW100/MW150

PQ2 graphdb1 1000 a NL0/EL0\_248

PQ2 graphdb1 1000 b NL0/EL0\_248

PQ2 graphdb1 1000 c NL0/EL0\_248

PQ2 graphdb1 1000 a NL0/EL0\_248/MW140

PQ2 graphdb1 1000 b NL0/EL0\_248/MW140

PQ2 graphdb1 1000 c NL0/EL0\_248/MW140

PQ2 graphdb1 1000 a NL0/EL0\_248/MW20

PQ2 graphdb1 1000 b NL0/EL0\_248/MW20

PQ2 graphdb1 1000 c NL0/EL0\_248/MW20

PQ2 graphdb1 1000 a NL0/MW20

PQ2 graphdb1 1000 b NL0/MW20

PQ2 graphdb1 1000 c NL0/MW20

PQ2 graphdb1 1000 a NL0/MW40

PQ2 graphdb1 1000 b NL0/MW40

PQ2 graphdb1 1000 c NL0/MW40

PQ3 graphdb1 1000 a NL45/ME4

PQ3 graphdb1 1000 b NL45/ME4

PQ3 graphdb1 1000 c NL45/ME4

PQ3 graphdb1 1000 a ND7,1,4,22,12/TW45

PQ3 graphdb1 1000 b NL7,1,4,22,12/TW45

PQ3 graphdb1 1000 c NL7,1,4,22,12/TW45

PQ3 graphdb1 1000 a NL0/TW45

PQ3 graphdb1 1000 b NL0/TW45

PQ3 graphdb1 1000 c NL0/TW45

PQ3 graphdb1 1000 a NL0/ME1

PQ3 graphdb1 1000 b NL0/ME1

PQ3 graphdb1 1000 c NL0/ME1

PQ3 graphdb1 1000 a NL0/ME5

PQ3 graphdb1 1000 b NL0/ME5

PQ3 graphdb1 1000 c NL0/ME5

TQA graphdb1 1000 EL1;EL2;EL3

TQB graphdb1 1000 EL1;EL2;EL3

TQC graphdb1 1000 EL1;EL2;EL3

Negative Results (i.e. output should be empty or “no matches”):

PQ1 graphdb1 1000 a ND7,1,4,22,12/NL248/NL384/NL0

PQ1 graphdb1 1000 b ND7,1,4,22,12/NL248/NL384/NL0

PQ1 graphdb1 1000 c ND7,1,4,22,12/NL248/NL384/NL0

PQ1 graphdb1 1000 a NL64/NL91

PQ1 graphdb1 1000 b NL64/NL91

PQ1 graphdb1 1000 c NL64/NL91

PQ2 graphdb1 1000 a NL0/MW2

PQ2 graphdb1 1000 b NL0/MW2

PQ2 graphdb1 1000 c NL0/MW2

PQ2 graphdb1 1000 a NL64/EL0\_248

PQ2 graphdb1 1000 b NL64/EL0\_248

PQ2 graphdb1 1000 c NL64/EL0\_248

PQ2 graphdb1 1000 a NL0/EL0\_248/MW2

PQ2 graphdb1 1000 b NL0/EL0\_248/MW2

PQ2 graphdb1 1000 c NL0/EL0\_248/MW2

PQ3 graphdb1 1000 a ND7,1,4,22,12/TW2

PQ3 graphdb1 1000 b NL7,1,4,22,12/TW2

PQ3 graphdb1 1000 c NL7,1,4,22,12/TW2

PQ3 graphdb1 1000 a NL0/TW2

PQ3 graphdb1 1000 b NL0/TW2

PQ3 graphdb1 1000 c NL0/TW2

PQ3 graphdb1 1000 a NL0/ME0

PQ3 graphdb1 1000 b NL0/ME0

PQ3 graphdb1 1000 c NL0/ME0

TQA graphdb1 1000 EL1;EL2;EL1

TQB graphdb1 1000 EL1;EL2;EL1

TQC graphdb1 1000 EL1;EL2;EL1