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Consolidate HexPrinter and BytePrinter

Merged


thobe merged 1 commit into neo4j:2.3 from zhenlineo:2.3-consolidate-HexPrinter-BytePrinter Apr 16, 2015

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+498 -303     

 zhenlineo commented Apr 13, 2015 Collaborator

Removed the redundant BytePrinter.
Extended the existing HexPrinter class to be able to control the length of line number (none, 1, 01, etc.) and byte group separator (" ", "\t", etc.).
Added a few static methods in HexPrinter to make the use of it easier.

 thobe commented Apr 13, 2015 Owner

How about incorporating the `dumpHex` -method of `DumpStore` as well, since it also does hex printing...

 zhenlineo commented Apr 13, 2015 Collaborator


@thobe They use quite different formatting:
`DumpStore#dumpHex` uses hex line number which starts at an arbitrary number, arranged in groups of four bytes.

```
@ 0x0000000a: 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f
@ 0x0000001a: 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f
```

`BytePrinter` uses decimal line number which starts from fixed 0, arranged in groups of 8 bytes.

```
00000000 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f
00000001 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f
```


It might be too complex for a class to handle both of them.

 thobe commented Apr 13, 2015 Owner

@zhenlineo I don't think that difference is important enough, let `DumpStore` use the same format as `HexPrinter` / `BytePrinter` .

 zhenlineo commented Apr 13, 2015 Collaborator

Okay, that should be easy to handle. Only need to introduce a `lineNumberOffset` then.

 cleishm commented Apr 13, 2015 Owner

There's also <https://github.com/neo4j/neo4j/blob/2.3/community/kernel/src/main/java/org/neo4j/kernel/impl/util/Codec.s.java>

Both `HexPrinter` and `BytePrinter` seem poor names, given they don't conform to `Printer` ...

Labels

2.3

kernel





Milestone

No milestone

Assignee

No one assigned

4 participants



zhenlineo commented Apr 14, 2015

Collaborator

@thobe No, `DumpStore` is doing something really smart. The line number has to be a hex number to cover all values in `long`. I would keep it as original as I like its original formatting.

@cleishm `Codecs` is doing something totally different. Even though they all deal with hex numbers, the output format is totally different. I do not think it is necessary that we have a super powerful class to handle all possible formatting of hex printing.



zhenlineo added `kernel` `2.3` labels Apr 14, 2015



jakewins commented Apr 14, 2015

Collaborator

@zhenlineo how about changing `HexPrinter` to use the print format used by `DumpStore` then? `DumpStore` format seems like the better of the two options. This PR is a good opportunity to clear a lot of this code up - deleting stuff ftw!



zhenlineo added `NOT READY FOR MERGE` and removed `NOT READY FOR MERGE` labels Apr 15, 2015



thobe commented on an outdated diff Apr 16, 2015

Show outdated diff



Extended `HexPrinter` to handle multiple header style, grouping style. ... `1a7e878`



thobe commented Apr 16, 2015

Owner

LGTM



thobe merged commit `996b3f6` into `neo4j:2.3` Apr 16, 2015
1 check passed

View details



zhenlineo deleted the `zhenlineo:2.3-consolidate-HexPrinter-BytePrinter` branch May 22, 2015

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