

Multi-threaded extract completes but throws exception, missing log summary

- **Article Type:** General
- **Product:** Voyager
- **Product Version:** 8.2.0

Symptoms

- No extract summary in logs for multi-threaded extract
- Error at command line similar to

```
622862 [Thread-3] INFO com.endinfosys.voyager.extract.Extract -  
Disconnected from database  
Exception in thread "main" java.lang.NullPointerException
```

Defect Status

Issue VYG-5574 is resolved for Voyager 9.1.0 and higher.

Replication steps

1. Run a multi-threaded Selective extract:

```
1. cd /m1/voyager/xxxdb/sbin
```

```
2. Pprimoexp.sel -f ../ini/PrimoExp-Selective.ini -B1 -E250000 -T5
```

2. The extract runs and finishes with messages similar to the following:

```
512027 [Thread-2] INFO com.endinfosys.voyager.extract.Extract - Disconnected from  
database  
535627 [Thread-4] INFO com.endinfosys.voyager.extract.Extract - Disconnected from database  
549621 [Thread-0] INFO com.endinfosys.voyager.extract.Extract - Disconnected from database  
591564 [Thread-1] INFO com.endinfosys.voyager.extract.Extract - Disconnected from database  
622862 [Thread-3] INFO com.endinfosys.voyager.extract.Extract - Disconnected from database  
Exception in thread "main" java.lang.NullPointerException  
at java.util.LinkedList$Itr.next(LinkedList.java:891)  
at com.endinfosys.util.Stats.dumpTimedEventsSummary(Stats.java:397)  
at com.endinfosys.voyager.primo.PrimoExtract$StatGatherer.logStats(PrimoExtract.java:488)  
at com.endinfosys.voyager.primo.PrimoExtract$StatGatherer.logResults(PrimoExtract.java:428)  
at com.endinfosys.voyager.primo.PrimoExtract.runMultiThreaded(PrimoExtract.java:111)  
at com.endinfosys.voyager.primo.PrimoExtract.main(PrimoExtract.java:57)
```

3. In individual log files in /m1/voyager/xxxdb/primo/Selective/logs, none contain summary of records extracted at the end.
4. Run 1 extract for same bib_id range.

5. Logs contain summaries and no exceptions or errors are shown at command line.

```
2569938 [main] INFO com.endinfosys.voyager.extract.Extract - Disconnected from database
2569941 [main] INFO com.endinfosys.voyager.extract.Extract - Simple status
2569996 [main] INFO com.endinfosys.voyager.extract.Extract - *****
START OF SUMMARY *****
BIB-Range-AvailabilityHistory
In 249438 visit(s) took 103207 millisecs for doing 399890 with 0 errors
BIB-Range
In 249438 visit(s) took 2433741 millisecs for doing 249438 with 0 errors
2569996 [main] INFO com.endinfosys.voyager.extract.Extract - ***** END
OF SUMMARY *****
2569998 [main] INFO com.endinfosys.voyager.primo.PrimoExp - Wrote 249438 records to 250
files in /ml/voyager/bigdb/primo/Selective/bundled/
2569998 [main] INFO com.endinfosys.voyager.primo.PrimoExp - Extract completed in 42 minutes
49 seconds
```

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