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## Publishing extract fails with Java heap space error

- **Article Type:** General
  - **Product:** Voyager
  - **Product Version:** 8.2.1
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### Problem Symptoms

- After Voyager upgrade, running Publishing extract (Pprimoexp.pub) fails or hangs
- Error prints to screen or appears in primo.export.[datestamp].log: `Exception in thread "main"  
java.lang.OutOfMemoryError: Java heap space`
- Files may not finish being packaged (.tar.gz) in /m1/voyager/xxxdb/primo/Publishing/bundled/

### Cause

Upgrade included a headings regen; when publishing extract attempts to process all records with headings changes using a changed since date prior to upgrade, it runs out of Java memory.

### Resolution

1. Edit `/m1/voyager/xxxdb/ini/PrimoExp-Publishing.ini`
2. Modify the HeadingChanges option to ensure headings changes are NOT processed:

```
# HeadingChanges determines whether to export bibliographic records
```

```
# whose cross-references have changed
```

```
# -H Y|N overrides this parameter on the command line
```

```
HeadingChanges=N
```

3. Save PrimoExp-Publishing.ini
  4. Run Publishing extract again, using same ChangedSince date
  5. After extract is complete, switch HeadingChanges setting back to "Y" to process any headings changes moving forward.
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