

publish-04 Hangs

- **Article Type:** General
- **Product:** Aleph
- **Product Version:** 20

Description:

publish-04 has been running for hours and appears to be hung.

Why won't publish_04 complete?

Resolution:

The p_publish_04 could not extend the table size due to of lack of space in the tablespace:

```
$data_scratch/p_publish_04_b_4.log
```

```
Error: write_xml_to_clob: ORA-01691: unable to extend lob segment
```

```
ABC50.Z00P_SEGNAME by 8192 in
```

Although the process does not indicate the table space in subject, I found that the TS3D tablespace, on which the Z00P table resides, is full:

Tablespace Total Used Free % Free

```
-----  
TS3D 12288 12121 164 1.33%
```

```
*****
```

```
Tablespace Name : TS3D
```

```
Owner Name : ABC50
```

```
Table Name : Z00P
```

```
table size : 596639744 bytes
```

```
record count : 531896 Number
```

```
bytes per record : 1122 bytes
```

```
Free space : 167936 bytes
```

```
load size : 11217226 bytes
```

```
*****
```

I added 2G to the TS3D tablespace and reran the process:

```
csh -f $aleph_proc/p_publish_04 NPL01,ALL,000000000,999999999,04, > & $alephe_scratch/p_publish_04_20100825.log  
&
```

The process finished without an error:

```
[1] 13259
```

```
[2] 13443
```

```
[3] 13562
```

```
[4] 13719
```

```
[4] - Done csh -f /exlibris/aleph/a20_1/aleph/proc/p_publish_04_b ...
```

```
[2] - Done csh -f /exlibris/aleph/a20_1/aleph/proc/p_publish_04_b ...
```

```
[1] - Done csh -f /exlibris/aleph/a20_1/aleph/proc/p_publish_04_b ...
```

```
Wrote Z100 record with rec-key: 000001433
```

Load: /exlibris/aleph/u20_1/alephe/tab/tab100
Load: /exlibris/aleph/u20_1/abc01/tab/tab100
Load: /tmp/utf_files/exlibris/aleph/u20_1/abc01/tab/pc_tab_exp_field.eng
Load: /tmp/utf_files/exlibris/aleph/u20_1/abc01/tab/pc_tab_exp_field_extended.eng
Load: /tmp/utf_files/exlibris/aleph/u20_1/abc01/tab/tab_alert
end

Now there are 8% free bytes in the tablespace:

Tablespace Total Used Free % Free

TS3D 12288 12121 164 1.33%

TS3D 14192 12918 1271 8.96%

The minimum size of a tablespace to be enough for the publish_04 process is ~700M.

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- **Article last edited:** 10/8/2013