

## Custom services hang (do not complete) in v20

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

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### Description:

We are testing upgrading v18 to v20. We have about a dozen custom services set up to be run in the GUI, and we have a problem: I have got the files transferred from v18, I have resolved the staff-privileges angle by creating a PRIV-01 setup and assigning this to the xml files, and I can now run the jobs OK, but the jobs do not complete. The jobs in v18 run an SQL, which provisionally creates an output in the log in alephe/scratch, which gets generated as a file in the File List that staff can then pick up; but in v20, in Task Manager they 'hang' uncompleted (one of them for several days now), although the log in alephe/scratch has no errors and includes the expected output data – it seems that the last stage, of converting this to a file that can be accessed from the File List, is not being performed.

Neither I nor our SA can work out why. I wonder if my adding the permission tag to the files (in u-tree /alephe/pc\_b\_eng) could be causing this, because this is the only change made to those files; but the change is as prescribed by ExL, and the jobs could not be run at all without the change. This is the tag added:

```
<permission>p_priv_01</permission>
```

Here are a couple of the XML files from our u-tree /alephe/pc\_b\_eng :

```
aleph@ueaapp29(a20_1) UEA01> more p-custom-01.xml
```

```
<?xml version = "1.0"?>
<!DOCTYPE dialog SYSTEM "dialog.dtd">
<dialog>
<title>Collection Stats (custom-01)</title>
<proc>p_custom_01</proc>
<ignore_print_id>
</ignore_print_id>
<permission>p_priv_01</permission>
<control>
<edit>
<argname>F01</argname>
<label>Collection Name</label>
<size>5</size>
</edit>
</control>
</dialog>
```

```
aleph@ueaapp29(a20_1) UEA01> more p-custom-03.xml
```

```
<?xml version = "1.0"?>
<!DOCTYPE dialog SYSTEM "dialog.dtd">
```

```
<dialog>
<title>Past loans (custom-03)</title>
<proc>p_custom_03</proc>
<ignore_print_id>
</ignore_print_id>
<permission>p_priv_01</permission>
<control>
<date_time>
<argname>F01</argname>
<label>From date</label>
</date_time>
</control>
<control>
<date_time>
<argname>F02</argname>
<label>To date</label>
</date_time>
</control>
</dialog>
<!-- Param: P-CUSTOM-03 -->
<!-- Param: P-DATE-FROM 9(8). F01 -->
<!-- Param: P-DATE-TO 9(8). F02 -->
```

The KB has several entries relating to the need to get the privileges set up, but I cannot find anything like this.

Has anyone else encountered this and resolved it, or can you spot a flaw in the XML files? Any advice appreciated.

Resolution:

[From Gene Damon, VCCS, on Global Aleph Users list:]

In R18 the block at the end of the \$aleph\_proc file looked like this:

```
bl_end
rm_f_symbol
exit
```

When I change it to this, the "running" status changed:

```
bl_end
end_p_proc
exit
```

That is, the "rm\_f\_symbol" needs to be changed to "end\_p\_proc".

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