

---

## Creating custom GUI services

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 18.01
- 

### Description:

We want to create custom GUI services for Acquisitions and Cataloging, specifically running SQL scripts against the database and sending output to the \$data\_print or \$data\_scratch directory. Usually we do this in SQL but would like to make these scripts available in the GUIs. I have edited menu-acq.xml in the u-tree to add a service (priv-01); created .xml and .html files in alephe/pc\_b\_eng to create the dialog box; but the missing piece seems to be in aleph/proc in the a-tree. How does this piece work?

### Resolution:

This is described in detail in the Custom Services 16[1].02.pdf document on the Doc Portal (under "ALEPH 500 Documentation " -- How To - Miscellaneous).

[Old answer:] The required pieces are:

./pc\_b\_eng/p-priv-01.xml

./pc\_b\_eng/p-priv-01.html

\$aleph\_proc/p\_priv\_01

I suggest that the p\_priv\_01 proc be modeled after the p\_acq\_25 proc, which is another proc that executes sql (rather than executing a Cobol program "cobrun xxxx" -- as most of the GUI Services procs do).

Though the SQL could be imbedded in this proc (or copied into it from the \$aleph\_proc), you may want to follow our convention of putting the SQL piece in the ./alephm/sql\_stat directory (which is where the acq\_stat\_02\_date\_param.sql -- coming from the

```
set file_name = "acq_stat_02_date_param"
```

```
in p_acq_25 -- is.)
```

Anyway, the critical statements are those like the  
source \$aleph\_proc/def\_local\_env  
which you can see in the p\_acq\_25.

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