
Controlling functions started on server reboot

- **Product:** Aleph
 - **Product Version:** 20, 21, 22, 23
 - **Relevant for Installation Type:** Dedicated-Direct, Direct, Local, Total Care
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Description

How can we control which functions/utilities are started when the server's rebooted?

Resolution

The `/exlibris/startup/init.dat` file (called by the `/exlibris/startup/start_stop` procedure) determines what things are started on server reboot.

`./init.dat` typically has the following entries:

```
# oracle
Y:oracle:oracle:/exlibris/app/oracle/product/12r1

# apache
Y:apache:aleph:httpd:/exlibris/aleph/u23_1:../a23_1:apachectl_auto:apachectl

# aleph
Y:aleph:aleph:/exlibris/aleph/u23_1:aleph_startup:aleph_shutdown
```

`$alephe_root/aleph_startup` calls `$alephe_root/aleph_start`. `aleph_start` (and `aleph_start.private`) determine which Aleph functions are started when `aleph_startup` is executed:

* the `xxx_SERVER_PORT` lines in `aleph_start` (and `aleph_start.private`) determine which servers/ports are started automatically

* the `xxx_STARTUP_LIBS` lines in `aleph_start` (and `aleph_start.private`) determine which libraries the batch queues, `ue_01`, etc. are automatically started in.

Note: The job daemon (util e/15) is started automatically because `aleph_startup` calls `$aleph_proc/define_batch_daemons_server` which sets `VALID_FOR_BATCH = "Y"`.

See also the article "[Starting multiple pc_servers automatically](#)".

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