

Reports and Stats Overview
Prepared for the Resource Sharing Forum
April 16, 2008

Reports and statistics for CARLI member products can come from a variety of sources. In this overview I will attempt to explain what the reports are, how they are accessed by your library, who can run, create, and/or retrieve them and their schedule of availability.

Voyager System

What—The Voyager system itself generates reports for circulation, cataloging, acquisitions, and media scheduling. A library can choose amongst the reports it wishes to receive and reports can be run on any schedule preferred by your library. Standard Voyager reports are built and retrieved by the Voyager Reporter client, using data generated by Voyager's circulation, cataloging, and acquisitions batch jobs. Batch jobs are run in each library's database every night via routines maintained by CARLI central staff. Detailed descriptions of all standard Voyager reports are available in the *Voyager 6.5 Technical User's Guide*.

How—Your library's liaison can request any of the Voyager standard reports by filing a WRO [Work Request Online]. When the consortium moved to the Voyager ILS, certain reports and schedules were established at the outset for all libraries to receive.

Who—Once you have established a schedule for any particular type of report, designated library staff can run the Reporter client to build and retrieve them.

When—Some reports lend themselves to daily, weekly, or monthly schedules. Reports that are not routinely generated can be run at the library's request by filing a WRO and specifying a timetable.

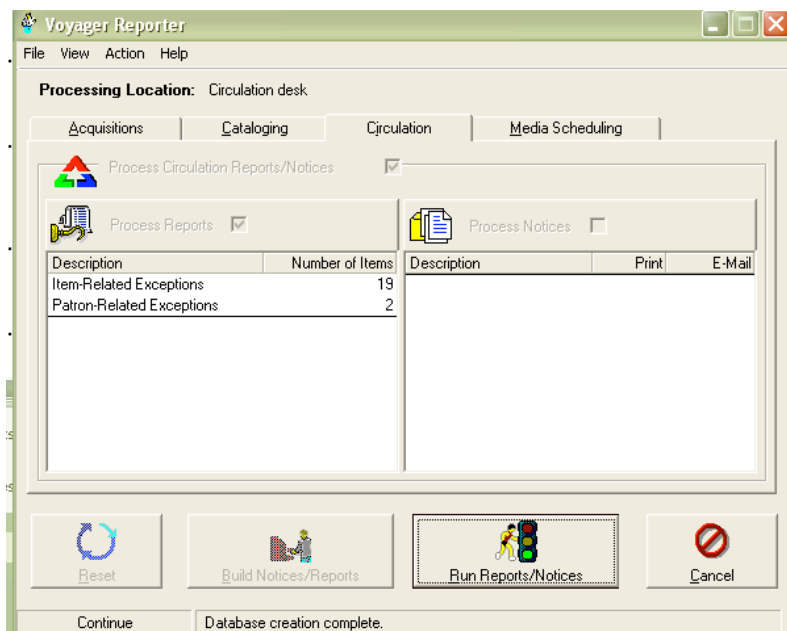


Fig. 1. In the Voyager Reporter client, these daily Circulation reports are built and ready to run [print].

Voyager Access Reports

What—The Voyager system comes with a set of pre-packaged reports designed to work with Microsoft Access. Access and Oracle software must be installed on workstations that are designated for running these reports. The generic set of pre-packaged reports is accessed via a file called *reports.mdb* in the C:\Voyager\Access Reports

folder. Detailed information on the Voyager generic pre-packaged reports is available in the *Voyager 6.5 Reporter User's Guide*. A CARLI-customized version of this Access .mdb database [CARLI_reports.mdb] is bundled into CARLI's Update Checker program for client installations. The CARLI-customized reports.mdb can also be downloaded from the CARLI website at: <http://www.carli.illinois.edu/mem-prod/I-Share/secure/sql.html>

How—CARLI has a specialized server for reporting that contains a day-old copy of your library's production data. Library staff connect to this server when they run reports or queries in Access. Having the reports server allows library staff to run reports when they need them without diminishing any resources on the production server.

Who—Library staff with an Oracle account can run any Voyager pre-packaged or CARLI-customized report. Staff familiar with Access and/or SQL can also write their own queries and run them. CARLI has a page on its website where Access queries written by I-Share library and CARLI central staff can be downloaded. Staff who write their own queries can also share them with the rest of the consortium by posting them to this page.

There may be times when your library needs a specialized report whose criteria isn't fulfilled by the current suite of Access reports. If staff in your library can't design these for you, your liaison should file a work request [WRO] for an ad hoc report. The WRO form will ask you to specify the report—e.g., what the report should do and what types of data should appear in the report, etc. When the report is designed, you will get the SQL to run it yourself in Access, or central staff will put the completed report in your library's ftp directory. Each library has its own directory on the CARLI reports server and a single login/pswd to the server.

When—The I-Share reports server is available during usual library open hours. General offline hours:

Offline 3:01am – about 6:30am, Monday-Friday

Offline 3:01am – about 6:00pm, Saturday

Offline 3:01am – about 9:00pm, Sunday

Be aware that the copy of production data that loads into the reports server is made at 3 a.m. each morning. Thus, on any day the data on the reports server is yesterday's data.

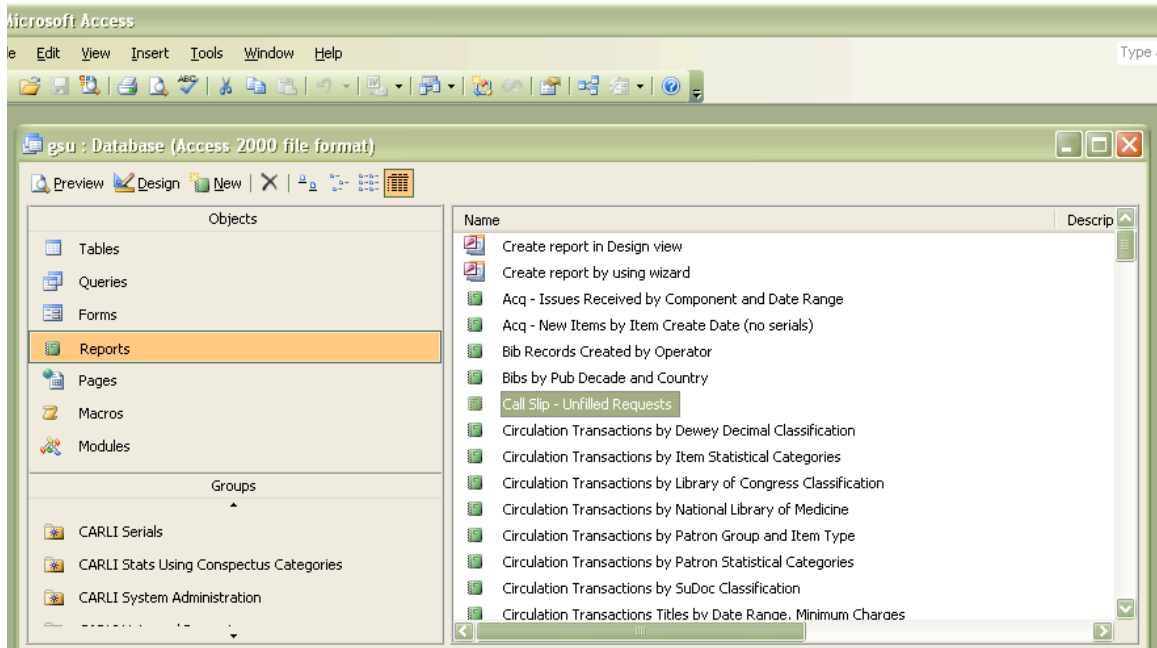


Fig. 2. In Voyager's Access Reports, a view of some of the available reports in the CARLI_reports.mdb

Complex Voyager SQL Reports

What—Some reports require complex design and/or cross-database queries. For most of these types of reports, CARLI central staff design and deliver the output to your library’s ftp directory.

How—Your liaison can request a report that can’t be run in-house. Simply file a work request and describe the specifications on the WRO form.

Who—CARLI central staff can write complex reports if your library needs them.

When— A CARLI-designed package of annual statistics is delivered to each library’s ftp directory in early July. Annual consortial stats are also available on the CARLI website.

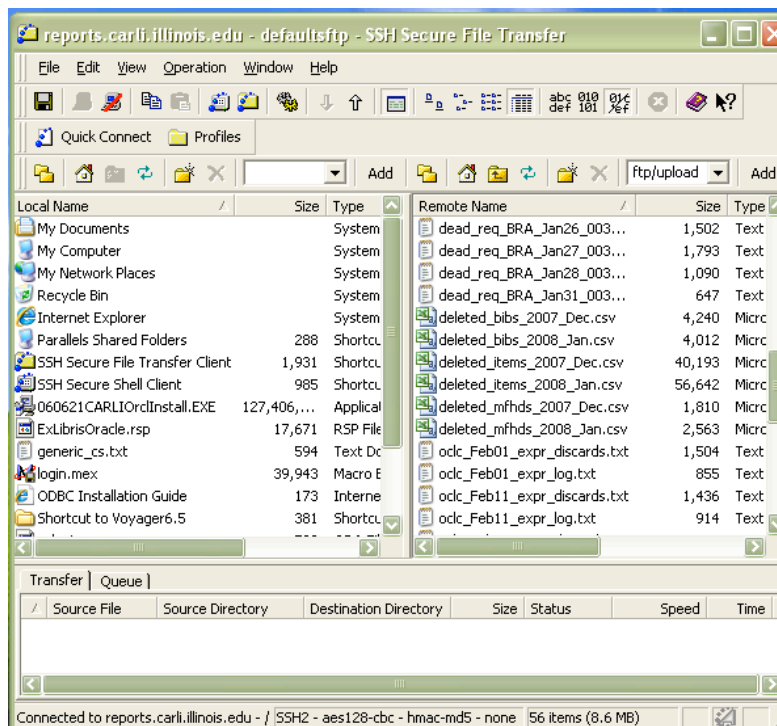


Fig. 3. Connected to the reports server via SSH, a view of some daily and monthly reports and logs deposited in a library’s ftp directory.

Other Reports and Statistics

WebVoyage Usage Statistics—CARLI provides OPAC usage stats to assist libraries with ACRL requests for stats on “virtual visits” to the library catalog. These are for each calendar month, starting in April 2007. Anyone can access these statistics on the CARLI website. <http://i-share.carli.illinois.edu/acrlstats/>

WebFeat— Library staff that are involved in support of your library’s WebFeat implementation have access to WebFeat’s “Smart Reports”. Hour, day, database, top usage, metrics, downstream activity are examples of reports that can be created for WebFeat.

SFX—Library staff that are involved in support of your library’s SFX implementation have access to SFX stats via the SFX Administrative console. Myriad reports are available for SFX, including number of requests and clickthroughs, most popular targets and sources, unused targets, etc. Some queries can also be setup to run on a schedule.

Resources

1. *I-Share Statistics and Reports*
<http://www.carli.illinois.edu/mem-prod/I-Share/i-sysdocs/I-network.html>
2. *I-Share Year-End Statistical Package*
<http://www.carli.illinois.edu/mem-prod/I-Share/i-sysdocs/I-network/statpck.html>
3. *Voyager Cataloging Reports*
http://www.carli.illinois.edu/mem-prod/I-Share/secure/cat/voy_cat_reports.pdf
4. *Transferring Data Files to and from the CARLI Servers using Secure FTP*
<http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute/SSHSecureShell.pdf>
5. *Voyager Client Software and Related Tools*
<http://www.carli.illinois.edu/mem-prod/I-Share/secure/execute.html>
6. *I-Share Shared SQL for Reports in Voyager*
<http://www.carli.illinois.edu/mem-prod/I-Share/secure/sql.html>
7. *WebVoyage Usage Statistics*
http://www.carli.illinois.edu/mem-prod/I-Share/opac/acrlstat_interp.html
8. *WebFeat Smart Reports Guide*
<http://www.carli.illinois.edu/mem-prod/wf/WebFeat-SMART-Detail.pdf>
9. *Voyager Documentation*
<http://www.carli.illinois.edu/mem-prod/I-Share/vendor-docs.html>