

Heiö repörT3

Stumbling toward the data you need

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In case you want to follow along...

<http://bit.ly/1gx7nl0>

“Nobody knows who they were or what they were doing.”

Agenda

Introductions

Overview of Reports in Evergreen

“Tour” of the Reports Interface

Building a Template

Creating a Report

Viewing Output

Troubleshooting

“Hello Cleveland!”



The report building experience in Evergreen.

“I've been working with this now for about half an hour...it's a complete catastrophe!”



Building reports can be a challenge at first.

“These go to eleven.”



Evergreen vs. Legacy Systems

“Quite exciting, this computer magic!”



Knowledge of relational databases is helpful.

Intro to relational databases

Data in Evergreen is stored in a **relational database**.

Relational databases are made of up multiple tables.

Each time you add add an item, register a patron, or check out an item to a patron, you are adding at least one row to at least one table.

Primary keys and foreign keys

Every row in every table has a unique numeric ID, sometimes called the **primary key**.

The primary key can be used to link tables together. When the primary key of one table is referenced in another table, it is called a **foreign key**.

Patron Table

ID	First Name	Last Name	Middle Name	...
001	David	St Hubbins		...
002	Nigel	Tufnel	"Tuffy"	...

Circulation Table

ID	Check Out Date/Time	Circing Item	User	...
001	3/13/14 10:56 AM	002	001	...
002	3/13/14 11:12 AM	001	002	...

Item Table

ID	Barcode	Creation Date/Time	Price	...
001	333330305823	03/10/13 12:00 PM	25.00	...
002	333330458211	11/11/11 11:11 AM	11.11	...

SQL

SQL stands for “Standard Query Language.”
ALL Evergreen reports are long and complex
SQL queries!

The more you know about SQL, the better
you will be at building reports.*

*The more you know about SQL, the less you will want to use the reporter
:)

Sources

In order to begin building a report, you must pick a **source**.

Sources in the Evergreen reporter roughly correspond to tables in the Evergreen database.

You will want to consider how you will be **filtering** your results when choosing your source.

Weeding Report

Goal: Items in a location that are over 10 years old and haven't circ'd in 2 years.

Weeding Report

Filters:

Shelving Location

Call Number Range

Last Check Out Date

Owning Library

Not Deleted

Creation Date

Display Fields:

Shelving Location

Circ Modifier

Call Number

Author

Title

Publication Date

Barcode

Last Check Out Date

Number of Check Outs

Can't get enough reports?

Friday 1:15 - 2:00 PM

Reports Interest Group Meeting

Saturday 10:50 AM - 12:00 PM

SQL for Librarians

Resources

Evergreen Documentation:

<http://docs.evergreen-ils.org> (Look for your version of Evergreen)

Georgia PINES Reports Documentation: <http://pines.georgialibraries.org/reports>

SITKA Reports Documentation:

<http://docs.sitka.bclibraries.ca/Sitka/current/html/report.html>

Evergreen Indiana Reports Tutorials:

<http://www.in.gov/library/3380.htm#report>

Link to this presentation:

<http://bit.ly/1gx7nI0>

Thank you!

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