

SQL SEARCHING FROM THE POLARIS FIND TOOL

Doug Williams

Campbell County Public Library

SPECIAL PERMISSIONS FOR SQL SEARCHES IN THE FIND TOOL

1. Find Tool: Access SQL mode
2. Find Tool: Create or modify named SQL searches - Allow
3. Find Tool: Delete named SQL searches - Allow

LIMITATIONS OF FIND TOOL SQL QUERIES

- SELECT queries only
- No ORDER BY statements
- No comments in query

MUST “SELECT” APPROPRIATE RECORD ID FOR THE TYPE OF FIND TOOL

- PatronID
- BibliographicRecordID
- ItemRecordID
- AssociatedBibRecordID
- PolarisUserID
- WorkstationID
- PurchaseOrderID
- POLineItemID
- InvoiceID
- InvLineItemID

RECORD STATUS ID FOR BIBS AND ITEMS?

WHERE RecordStatusID=1

ITEM RECORDS WITHDRAWN

```
SELECT ItemRecordID from ItemRecords  
WHERE RecordStatusID=1 AND ItemStatusID=1 1
```


QUERY WITH DATES

```
SELECT ItemRecordID from ItemRecords  
WHERE RecordStatusID=4  
AND ItemStatusID=11  
AND RecordStatusDate BETWEEN '10/5/2016'  
AND '10/6/2016'
```

COMBINE TABLES AND GETDATE()=TODAY

```
SELECT IR.AssociatedBibRecordID  
FROM ItemRecords IR  
JOIN ItemCheckouts IC  
ON IC.ItemRecordID=IR.ItemRecordID  
WHERE IC.duedate<getdate()-120
```


COMPARE A TABLE WITH ITSELF FOR DUPLICATES

```
SELECT BR.BibliographicRecordID FROM  
BibliographicRecords BR
```

```
JOIN BibliographicISBNIndex BIN WITH (NOLOCK) ON  
BIN.BibliographicrecordID = BR.BibliographicRecordID
```

```
JOIN BibliographicISBNIndex BIN1 WITH (NOLOCK) ON  
(BIN.BibliographicRecordID <> BIN1.BibliographicrecordID)  
AND (BIN.ISBNString = BIN1.ISBNString)
```

NESTED QUERY: QUERY WITHIN A QUERY

```
SELECT BR.BibliographicRecordID from BibliographicRecords BR
WHERE BR.RECORDSTATUSID=1
AND BR.BibliographicRecordID in
(SELECT BT.BibliographicRecordID FROM
BibliographicTagsAndSubfields_View BT
WHERE BT.TagNumber=250 and BT.Subfield='a' and BT.Data='1st ed.')
```


QUESTIONS?