

E-Resource Access Checker -- A Tool for Verifying Full Access to Your Electronic Collections

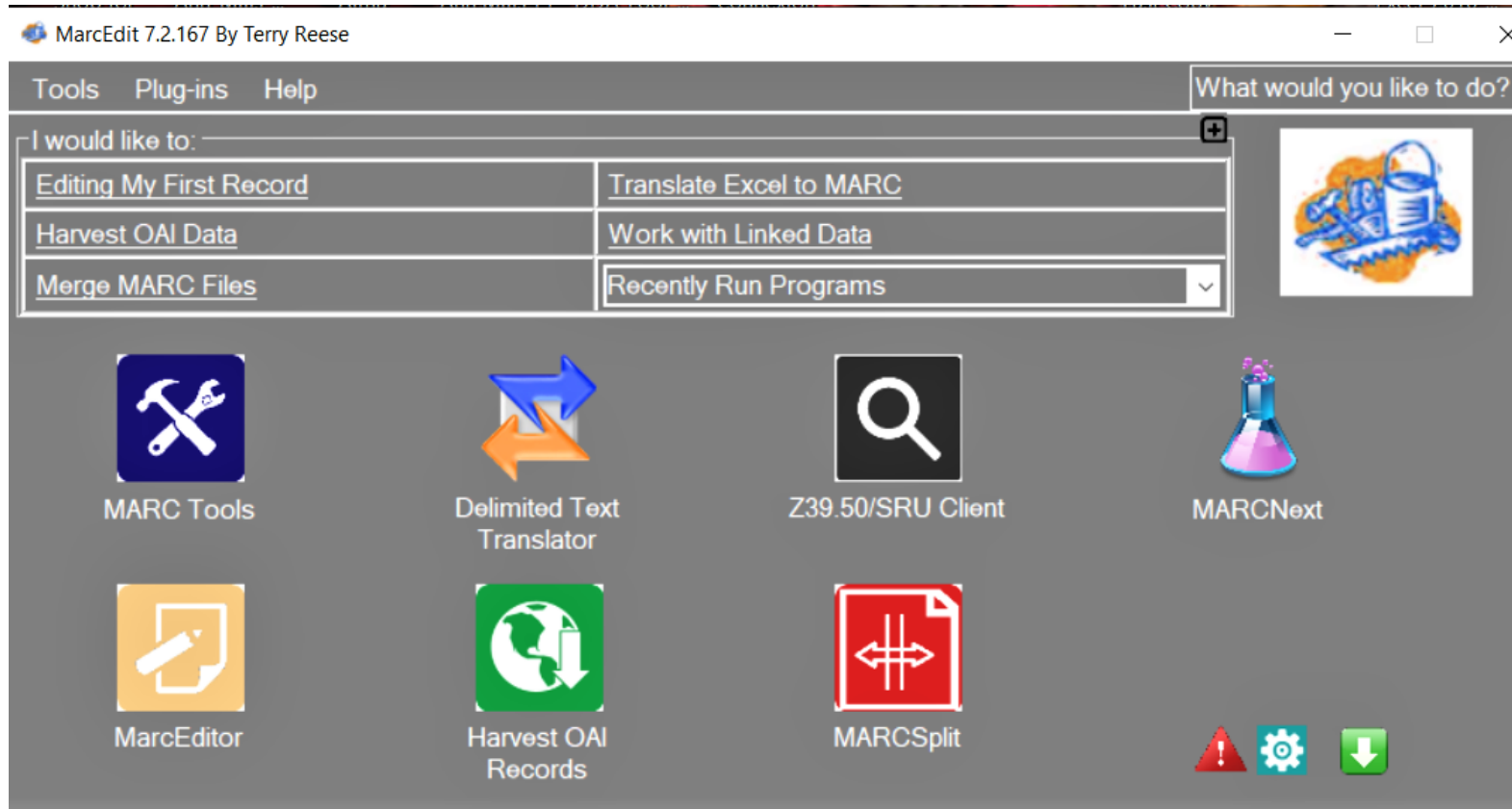
- *Li Chen, Director of Systems and Online Services, KSU Library System*
lchen12@kennesaw.edu
- *Ann Mills, Cataloging & Metadata Librarian, KSU Library System*
amills36@kennesaw.edu



Introduction

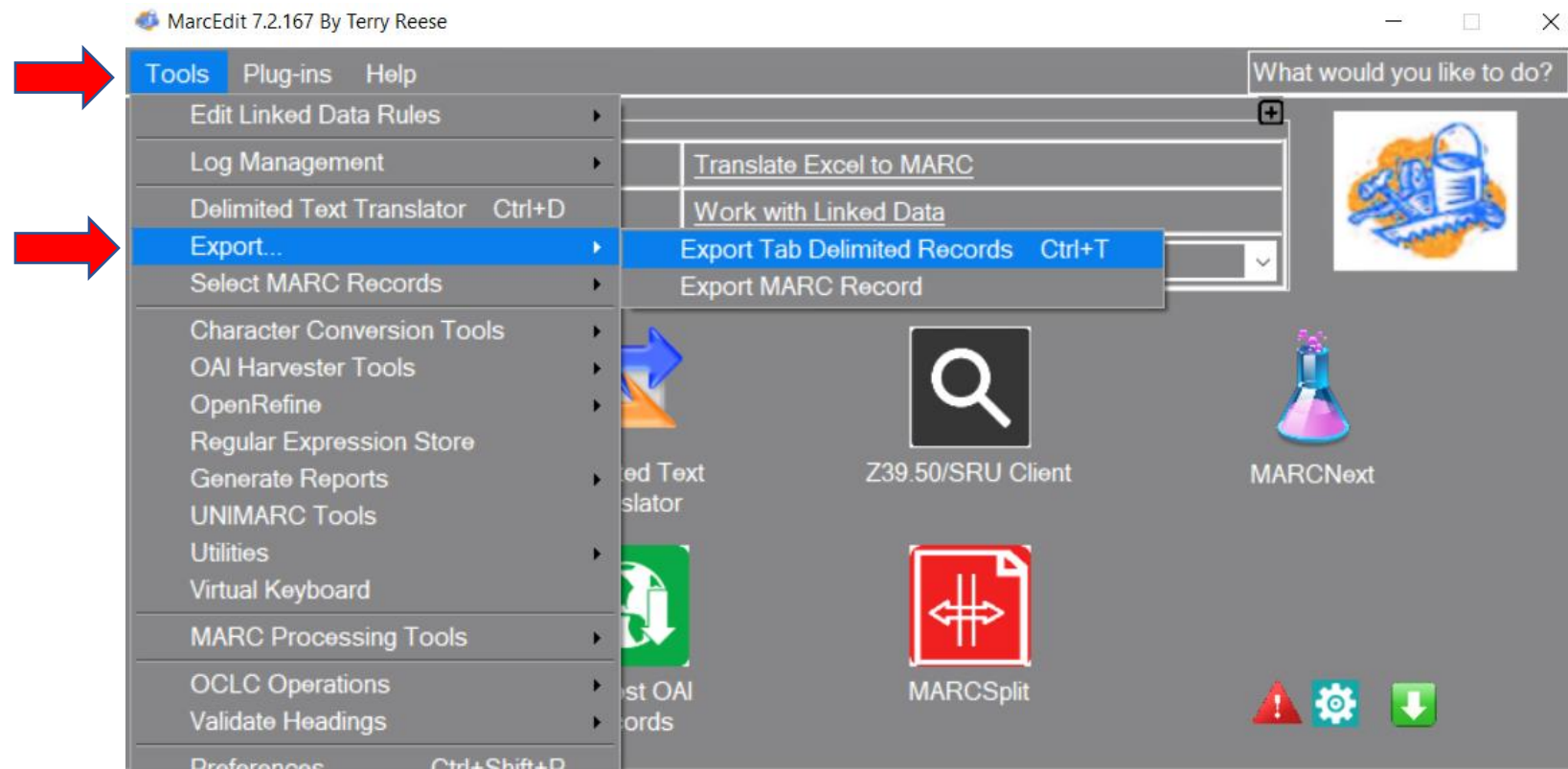
- E-Resource packages – Do we really have full access?
- Hundreds of titles = lots of metadata to check.
- Impossible to check manually.
- E-Resource Access Checker – Automates the process, saves time, and ensures all resources paid for are accessible.

MarcEdit



MarcEdit is a metadata editing software tool used to create and manipulate Marc records.

MarcEdit



Once Marc files have been retrieved from the vendor, they need to be converted into a CSV file that can be opened in Excel.

MarcEdit

Export Tab Delimited Records

Export Tab Delimited Records

Step 1: Set File Paths

Source

Output

Select Field Delimiter: Tab (\t)

In field delimiter: :

Contextual delimiter: :

Next >> Close

Set file paths to source and output.

Source

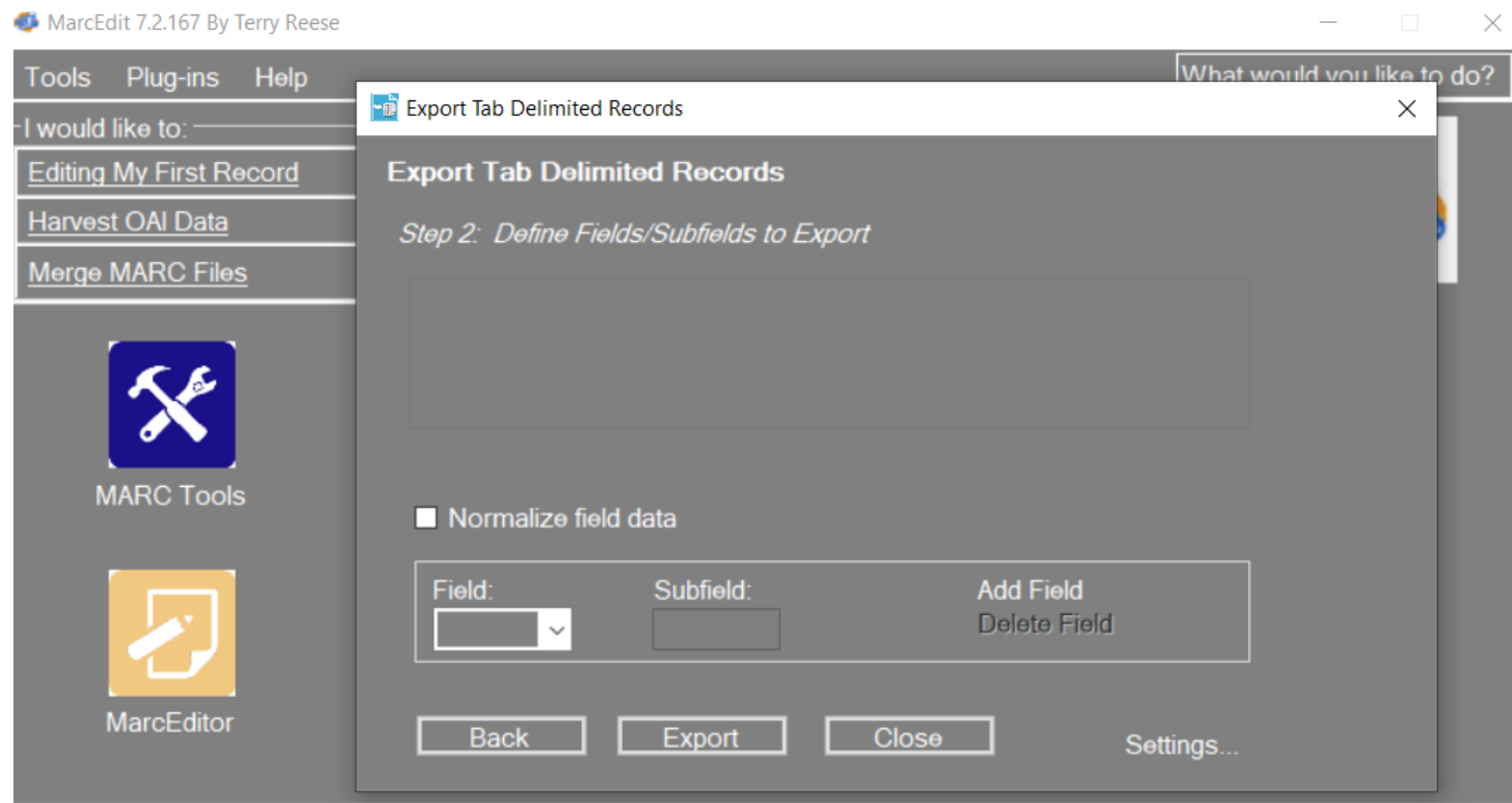
Output

MarcEdit

MarcEdit 7.2.167 By Terry Reese

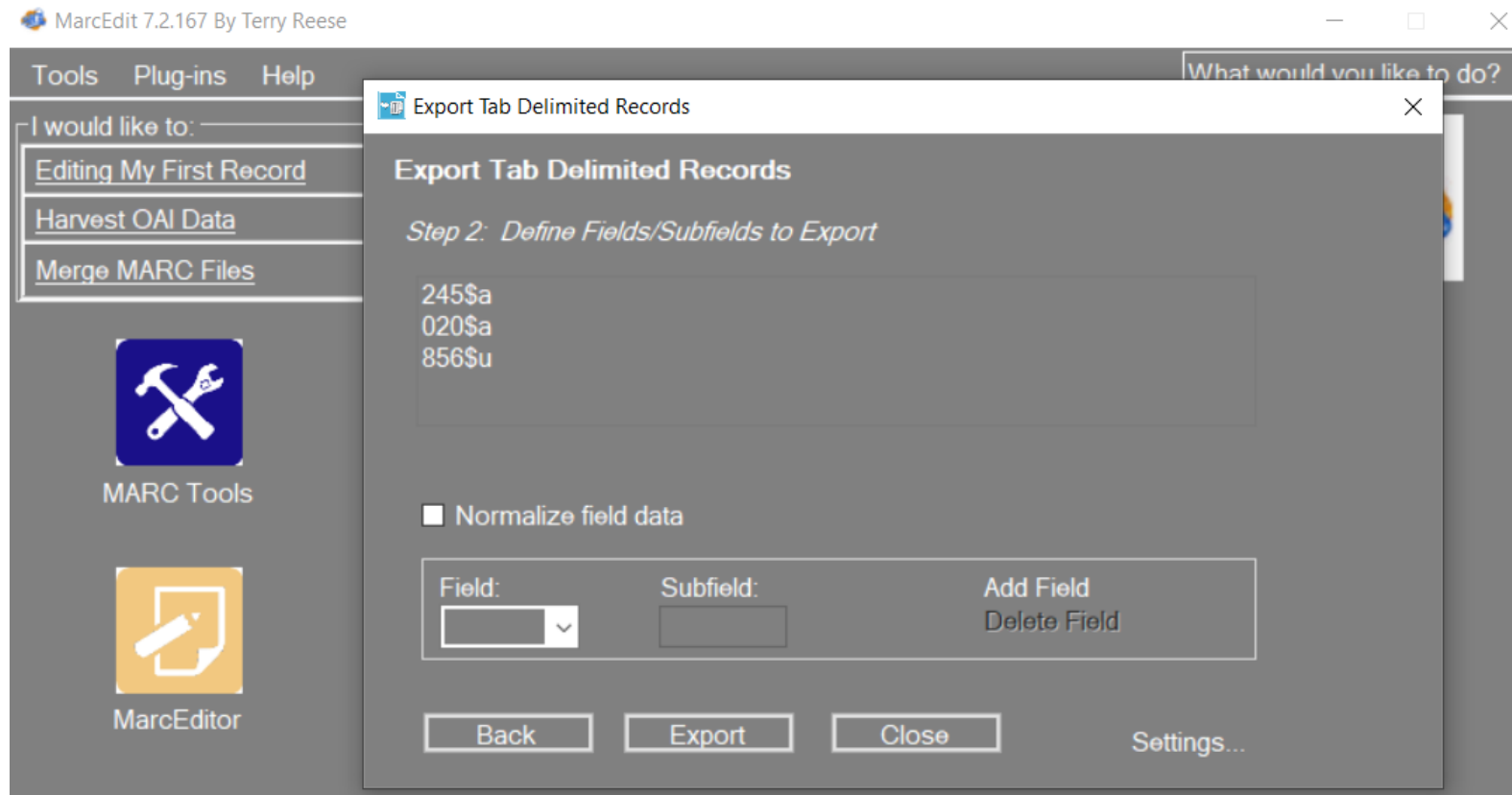
The screenshot shows the MarcEdit application interface. On the left, there is a sidebar with a menu titled "I would like to:" containing options: "Editing My First Record", "Harvest OAI Data", and "Merge MARC Files". Below the menu are two icons: "MARC Tools" (a blue square with a white wrench and hammer) and "MarcEditor" (an orange square with a white pencil and document). The main window has a menu bar with "Tools", "Plug-ins", and "Help". A dropdown menu is open, showing "What would you like to do?". An "Export Tab Delimited Records" dialog box is open in the foreground. The dialog box has a title bar with a close button. The main content area is titled "Export Tab Delimited Records" and contains the text "Step 1: Set File Paths". There are two text input fields: the first contains "ills36\Desktop\Kanopy_testforAccessChecker_09102021.mrc" with a folder icon to its right, and the second contains "C:\Users\amills36\Desktop\Kanopytest4.csv" with a save icon to its right. Below these fields are three dropdown menus, each with a question mark icon to its left: "Select Field Delimiter" (set to "Tab (\t)"), "In field delimiter" (empty), and "Contextual delimiter" (empty). At the bottom of the dialog box are two buttons: "Next >>" and "Close".

MarcEdit



Define fields and subfields you want to export into the spreadsheet.

MarcEdit



Once you have selected all the marc fields and subfields you need, click export.

MarcEdit

The screenshot displays the MarcEdit 7.2.167 application window. The main interface includes a menu bar with 'Tools', 'Plug-ins', and 'Help'. On the left, there is a sidebar with a search bar 'I would like to:' and three search results: 'Editing My First Record', 'Harvest OAI Data', and 'Merge MARC Files'. Below these are two icons: 'MARC Tools' (a blue square with a white hammer and wrench) and 'MarcEditor' (an orange square with a white pencil and paper). The main area shows a dialog box titled 'Export Tab Delimited Records' with the subtitle 'Step 2: Define Fields/Subfields to Export'. The dialog lists three fields: '020\$a', '245\$a', and '856\$u'. Below the list is a checkbox for 'Normalize' which is unchecked. There is a 'Field:' dropdown menu and a 'Delete Field' button. At the bottom of the dialog are 'Back', 'Export', and 'Close' buttons, along with a 'Settings...' link. A smaller 'MarcEdit.NET' dialog box is overlaid on top, displaying the message: 'Items have been exported to C:\Users\amills36\Desktop\AnnMills_Kanopy2_04262022.csv' and an 'OK' button.

Excel CSV File

The screenshot displays the Microsoft Excel interface with a CSV file named "Kanopy5.csv" open. The ribbon is set to the "Home" tab, showing various formatting and editing options. The spreadsheet contains the following data:

| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|----|--|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 245\$a020856\$u | | | | | | | | | | | | |
| 2 | Mickey Mouse monopoly :" https://kennesaw.kanopy.com/node/41557 ; https://www.kanopy.com/node/41557/external-image " | | | | | | | | | | | | |
| 3 | Jose Limon technique with Daniel Lewis." https://kennesaw.kanopy.com/node/48018 ; https://www.kanopy.com/node/48018/external-image " | | | | | | | | | | | | |
| 4 | First Person Plural." https://kennesaw.kanopy.com/node/49881 ; https://www.kanopy.com/node/49881/external-image " | | | | | | | | | | | | |
| 5 | Preschoolers." https://kennesaw.kanopy.com/node/55066 ; https://www.kanopy.com/node/55066/external-image " | | | | | | | | | | | | |
| 6 | Infants :" https://kennesaw.kanopy.com/node/55170 ; https://www.kanopy.com/node/55170/external-image " | | | | | | | | | | | | |
| 7 | Preschoolers." https://kennesaw.kanopy.com/node/55228 ; https://www.kanopy.com/node/55228/external-image " | | | | | | | | | | | | |
| 8 | Preschoolers." https://kennesaw.kanopy.com/node/55230 ; https://www.kanopy.com/node/55230/external-image " | | | | | | | | | | | | |
| 9 | Middle childhood." https://kennesaw.kanopy.com/node/56486 ; https://www.kanopy.com/node/56486/external-image " | | | | | | | | | | | | |
| 10 | Middle childhood." https://kennesaw.kanopy.com/node/56488 ; https://www.kanopy.com/node/56488/external-image " | | | | | | | | | | | | |
| 11 | Middle childhood." https://kennesaw.kanopy.com/node/56490 ; https://www.kanopy.com/node/56490/external-image " | | | | | | | | | | | | |
| 12 | Unnatural causes." https://kennesaw.kanopy.com/node/62770 ; https://www.kanopy.com/node/62770/external-image " | | | | | | | | | | | | |
| 13 | Unnatural causes." https://kennesaw.kanopy.com/node/62772 ; https://www.kanopy.com/node/62772/external-image " | | | | | | | | | | | | |
| 14 | Becoming American." https://kennesaw.kanopy.com/node/62774 ; https://www.kanopy.com/node/62774/external-image " | | | | | | | | | | | | |
| 15 | Unnatural causes." https://kennesaw.kanopy.com/node/62776 ; https://www.kanopy.com/node/62776/external-image " | | | | | | | | | | | | |

Excel CSV File

The screenshot displays the Microsoft Excel interface with the 'Data' tab selected. A red arrow points to the 'Data' tab. The 'Text to Columns' button in the 'Data Tools' group is circled in red. A 'Convert Text to Columns Wizard - Step 1 of 3' dialog box is open, showing the 'Delimited' option selected under 'Original data type'. The preview of selected data shows the text '245\$a020\$a856\$u'.

Convert Text to Columns Wizard - Step 1 of 3

The Text Wizard has determined that your data is Delimited.
If this is correct, choose Next, or choose the data type that best describes your data.

Original data type

Choose the file type that best describes your data:

- Delimited - Characters such as commas or tabs separate each field.
- Fixed width - Fields are aligned in columns with spaces between each field.

Preview of selected data:

| | |
|----|--------------------|
| 1 | 245\$a020\$a856\$u |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |

Buttons: Cancel, < Back, Next >, Finish

Excel CSV File

AutoSave Off Kanopytest2.csv Search (Alt+Q) Ann Mills

File Home Insert Page Layout Formulas **Data** Review View Help Acrobat Comments Share

Get Data Refresh Properties Organization Stocks Sort Filter Clear Reapply Text to Columns What-If Analysis Forecast Outline

A1 245\$a

Convert Text to Columns Wizard - Step 2 of 3

This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.

Delimiters

- Tab
- Semicolon
- Comma
- Space
- Other:

Treat consecutive delimiters as one

Text qualifier:

Data preview

245\$a
She's Beautiful When She's Angry.
Marwencol.
Marriage Italian Style.
The Future of Work and Death.
Josephine Baker: Black Diva in a White Man's World

Cancel < Back Next > Finish

| A | B | C | D |
|---|-----------------------|-----------------------|---|
| 245\$a | 020\$a | 856\$u | |
| She's Beautiful When She's Angry. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Marwencol. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Marriage Italian Style. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| The Future of Work and Death. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Josephine Baker: Black Diva in a White Man's World. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| DSM 5 guided collection. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Life, Deferred (Vida D. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| The preschool in three | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Better things : | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Vivre sa vie. | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Shakespeare behind b | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Mardi Gras : | https://kennesaw.edu/ | https://kennesaw.edu/ | |
| Breathless | https://kennesaw.edu/ | https://kennesaw.edu/ | |

Excel CSV File

AutoSave Off Kanopytest4.csv Search (Alt+Q) Ann Mills

File Home Insert Page Layout Formulas **Data** Review View Help Acrobat

Get & Transform Data Queries & Connections Data Types Sort & Filter Data Tools Forecast

Convert Text to Columns Wizard - Step 3 of 3

This screen lets you select each column and set the Data Format.

Column data format

- General
- Text
- Date: MDY
- Do not import column (skip)

'General' converts numeric values to numbers, date values to dates, and all remaining values to text.

Destination: \$A\$1

Data preview

| General | General |
|---|---------------------------|
| 020\$a | |
| 00\$aShe's Beautiful When She's Angry. | https://kennesaw.kanopy.c |
| 00\$aMarwencol. | https://kennesaw.kanopy.c |
| 00\$aMarriage Italian Style. | https://kennesaw.kanopy.c |
| 04\$aThe Future of Work and Death. | https://kennesaw.kanopy.c |
| 00\$aJosephine Baker: Black Diva in a White Man's World | https://kennesaw.kanopy.c |

Cancel < Back Next > Finish

Excel CSV File

The screenshot shows an Excel spreadsheet with the following data:

| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|----|--|--------|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 245\$a | 020\$a | 856\$u | | | | | | | | | | |
| 2 | She's Beautiful When She's Angry. | | https://kennesaw.kanopy.com/node/5620571;https://www.kanopy.com/node/5620571/external-image | | | | | | | | | | |
| 3 | Marwencol. | | https://kennesaw.kanopy.com/node/5386627;https://www.kanopy.com/node/5386627/external-image | | | | | | | | | | |
| 4 | Marriage Italian Style. | | https://kennesaw.kanopy.com/node/5318354;https://www.kanopy.com/node/5318354/external-image | | | | | | | | | | |
| 5 | The Future of Work and Death. | | https://kennesaw.kanopy.com/node/336201;https://www.kanopy.com/node/336201/external-image | | | | | | | | | | |
| 6 | Josephine Baker: Black Diva in a White Man's World | | https://kennesaw.kanopy.com/node/136889;https://www.kanopy.com/node/136889/external-image | | | | | | | | | | |
| 7 | DSM 5 guided collection, Vol 4 : | | https://kennesaw.kanopy.com/node/118305;https://www.kanopy.com/node/118305/external-image | | | | | | | | | | |
| 8 | Life, Deferred (Vida Diferida) | | https://kennesaw.kanopy.com/node/849435;https://www.kanopy.com/node/849435/external-image | | | | | | | | | | |
| 9 | The preschool in three cultures revisited. | | https://kennesaw.kanopy.com/node/115388;https://www.kanopy.com/node/115388/external-image | | | | | | | | | | |
| 10 | Better things : | | https://kennesaw.kanopy.com/node/113776;https://www.kanopy.com/node/113776/external-image | | | | | | | | | | |
| 11 | Vivre sa vie. | | https://kennesaw.kanopy.com/node/113398;https://www.kanopy.com/node/113398/external-image | | | | | | | | | | |
| 12 | Shakespeare behind bars. | | https://kennesaw.kanopy.com/node/268953;https://www.kanopy.com/node/268953/external-image | | | | | | | | | | |
| 13 | Mardi Gras : | | https://kennesaw.kanopy.com/node/268088;https://www.kanopy.com/node/268088/external-image | | | | | | | | | | |
| 14 | Breathless. | | https://kennesaw.kanopy.com/node/113372;https://www.kanopy.com/node/113372/external-image | | | | | | | | | | |
| 15 | Black in Latin America, Haiti & Dominican Republic, A Island Divid | | https://kennesaw.kanopy.com/node/322556;https://www.kanopy.com/node/322556/external-image | | | | | | | | | | |

Application requirement and download:

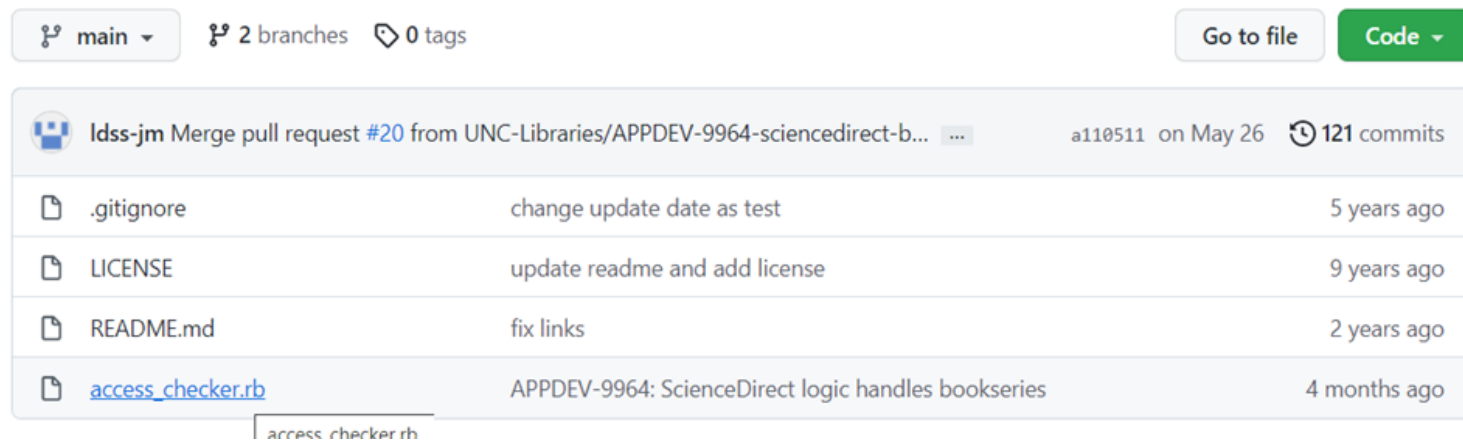
- Works with Windows PowerShell.
- Access Checker is written in JRuby language.
- Download JRuby (<https://www.jruby.org>)

Install the Application

- Install JRuby(1.7.3. and higher version)
- Once JRuby is installed, you need to install JRuby Gems Celerity and Highline.
- Following are the command for install JRuby Gems Celerity and Highline:
- Open PowerShell at JRuby directory in the command line type:
- `jruby -S gem install celerity`
- `jruby -S gem install highline`

Download Scripts

- <https://github.com/UNC-Libraries/Access-Checker>



main 2 branches 0 tags

Go to file Code

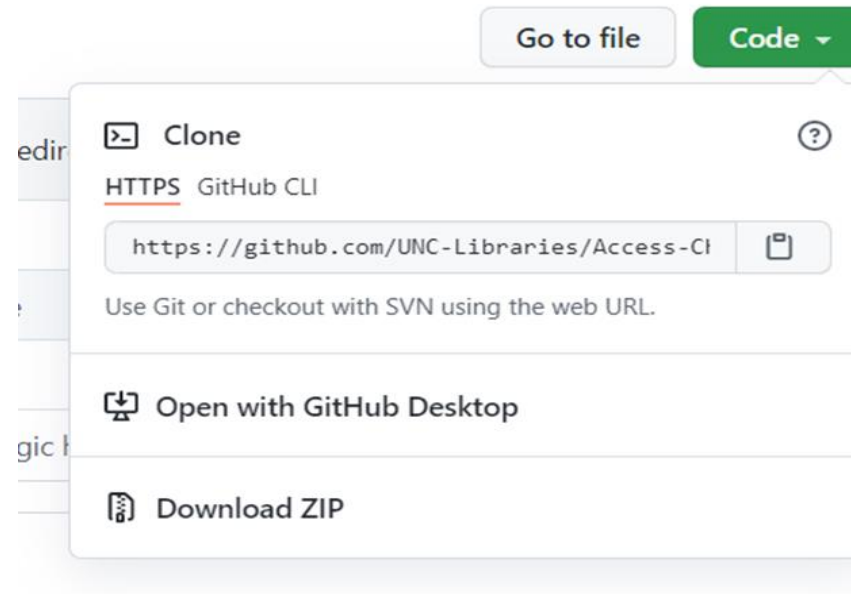
ldss-jm Merge pull request #20 from UNC-Libraries/APPDEV-9964-sciencedirect-b... a110511 on May 26 121 commits

| | | |
|-----------------------------------|---|--------------|
| .gitignore | change update date as test | 5 years ago |
| LICENSE | update readme and add license | 9 years ago |
| README.md | fix links | 2 years ago |
| access_checker.rb | APPDEV-9964: ScienceDirect logic handles bookseries | 4 months ago |

access_checker.rb





Download Scripts-- continue

- Click code to download zip file



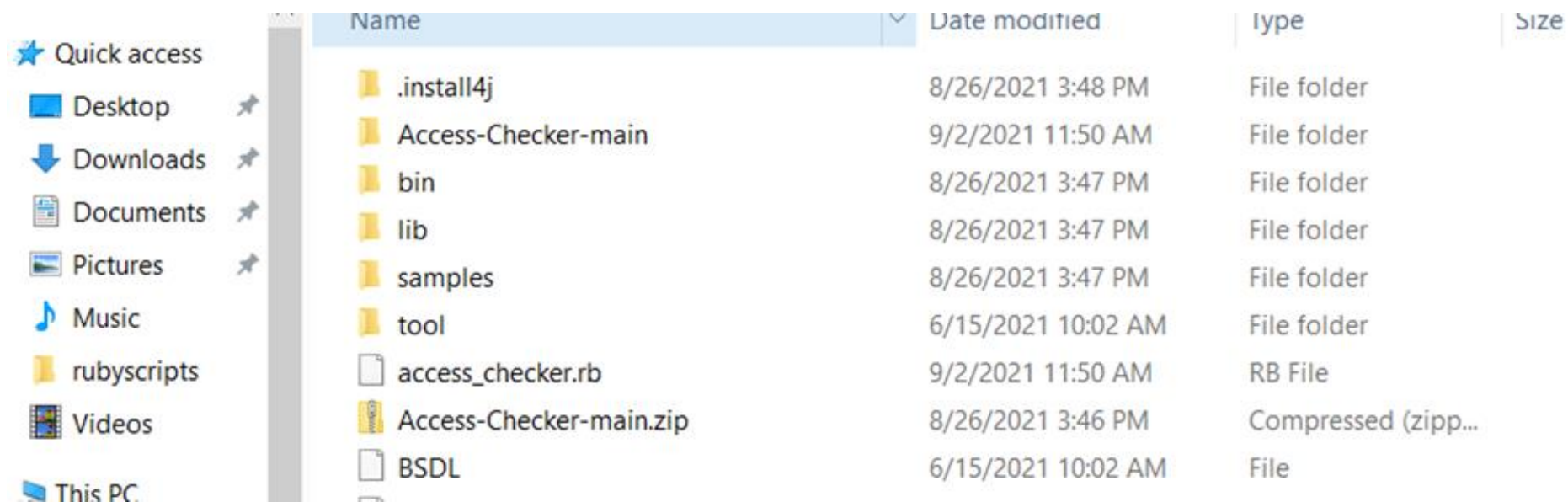
Installation

- Open download file to find access_checker.rb

| Name | Type | Compressed size | Password p... | Size | Ratio | Date modified |
|---|----------------|-----------------|---------------|-------|-------|-------------------|
|  .gitignore | GITIGNORE File | 1 KB | No | 1 KB | 0% | 5/26/2021 7:47 AM |
|  access_checker.rb | RB File | 7 KB | No | 25 KB | 73% | 5/26/2021 7:47 AM |
|  LICENSE | File | 1 KB | No | 1 KB | 40% | 5/26/2021 7:47 AM |
|  README.md | MD File | 3 KB | No | 6 KB | 56% | 5/26/2021 7:47 AM |

Installation--continue

- Copy access_checker.rb to rubyscripts folder



| Name | Date modified | type | Size |
|-------------------------|--------------------|---------------------|------|
| .install4j | 8/26/2021 3:48 PM | File folder | |
| Access-Checker-main | 9/2/2021 11:50 AM | File folder | |
| bin | 8/26/2021 3:47 PM | File folder | |
| lib | 8/26/2021 3:47 PM | File folder | |
| samples | 8/26/2021 3:47 PM | File folder | |
| tool | 6/15/2021 10:02 AM | File folder | |
| access_checker.rb | 9/2/2021 11:50 AM | RB File | |
| Access-Checker-main.zip | 8/26/2021 3:46 PM | Compressed (zipp... | |
| BSDL | 6/15/2021 10:02 AM | File | |

Using Access Checker

- Copy the marcredit converted CSV file to rubyscripts folder.
- Open Windows PowerShell.
- Change to rubyscripts directory (use commend c \rubyscripts)

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\lchen12> cd \rubyscripts
PS C:\rubyscripts>
```

Using Access Checker

- In the command line use the following syntax:

```
jruby -S access_checker.rb inputfile.csv outputfile.csv
```

Substitute inputfile.csv with your actual CSV file, name the output file.

- You need to enter your file with full path. Here is how you change the syntax-

```
jruby -S access_checker.rb c:\rubyscripts\your actual file.csv  
outputfile.csv
```

Using Access Checker

```
PS C:\Users\lchen12\desktop\rubyscripts> jruby -S access_checker.rb C:\Users\lchen12\desktop\rubyscripts\kanopynoimpge.csv C:\Users\lchen12\desktop\rubyscripts\kanopyannoutputfile.csv
-----
What platform/package are you access checking?
Type one of the following:
asp      : Alexander Street Press links
alman    : Al Manhal
apb      : Apabi ebooks
brep     : Brepols (brepolsonline.net)
cup      : Cambridge University Press
ciao     : Columbia International Affairs Online
cod      : Criterion on Demand
dgry     : De Gruyter ebook platform
dgtla    : Digitalia ebooks
dram     : DRAM
dupsc    : Duke University Press (via Silverchair)
eai      : Early American Imprints (Readex)
ebr      : Ebrary links
ebs      : EBSCOhost ebook collection
end      : Endeca - Check for undeleted records
fmgfod   : FMG Films on Demand
ieee     : IEEE
igi      : IGI Global
kan      : Kanopy Streaming Video
knv      : Knovel
lion     : LIterature ONline (Proquest)
nccorv   : NCCO - Check for related volumes
obo      : Oxford Bibliographies Online
oho      : Oxford Handbooks Online
psynet   : Psychotherapy.net videos
sabov    : Sabin Americana - Check for Other Volumes
skno     : SAGE Knowledge links
srmo     : SAGE Research Methods Online links
scid     : ScienceDirect ebooks (Elsevier)
siam     : SIAM: Society for Industrial and Applied Mathematics
ss       : SerialsSolutions links
spr      : SpringerLink links
uncfa    : UNC Finding Aids
upso     : University Press (inc. Oxford) Scholarship Online links
waf      : Wright American Fiction
wol      : Wiley Online Library
-----
Package? kan
```

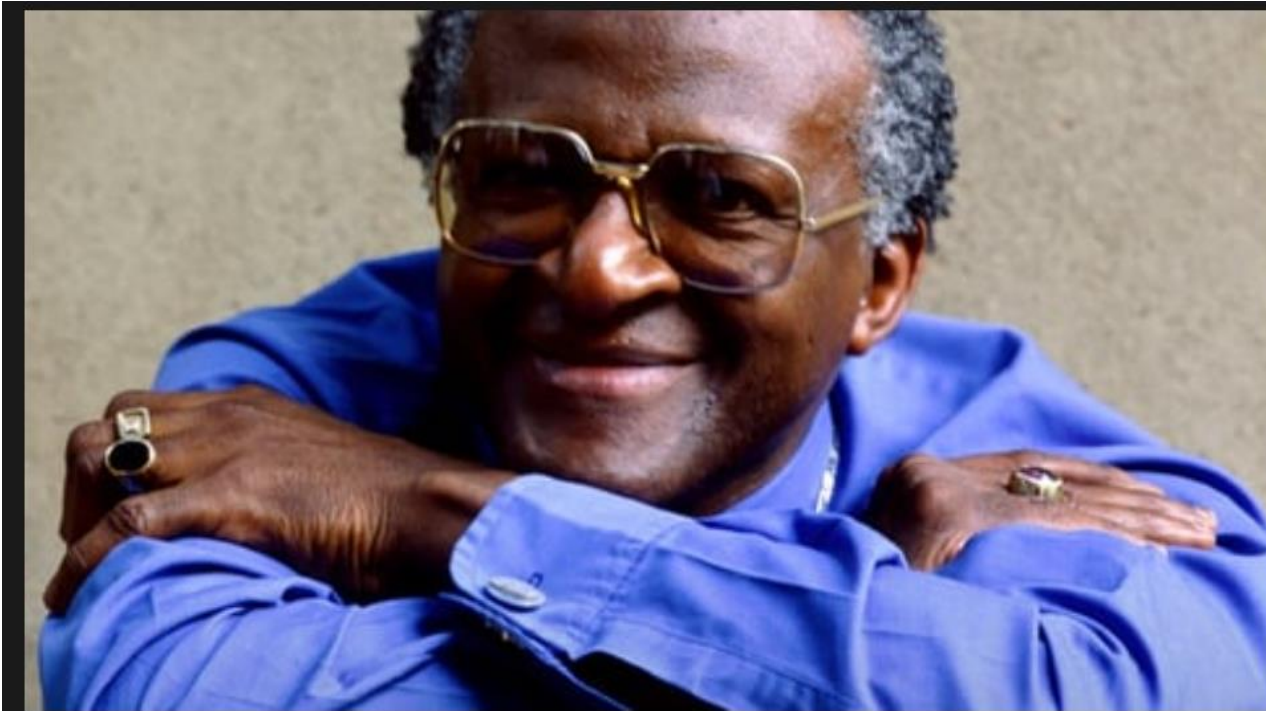
Using Access Checker

- It starts to diagnose the access...

```
Preparing to check access...
1 of 151, access = Full access
2 of 151, access = Full access
3 of 151, access = Full access
4 of 151, access = Full access
5 of 151, access = Full access
6 of 151, access = Full access
7 of 151, access = Full access
8 of 151, access = Full access
9 of 151, access = Full access
10 of 151, access = Full access
11 of 151, access = Full access
12 of 151, access = Full access
13 of 151, access = Full access
14 of 151, access = Full access
```

```
57 of 151, access = Full access
58 of 151, access = Full access
59 of 151, access = Check access manually
60 of 151, access = Check access manually
61 of 151, access = Check access manually
62 of 151, access = Full access
63 of 151, access = Check access manually
64 of 151, access = Full access
65 of 151, access = Full access
66 of 151, access = Full access
67 of 151, access = Full access
68 of 151, access = Full access
69 of 151, access = Full access
70 of 151, access = Full access
71 of 151, access = Full access
72 of 151, access = Full access
73 of 151, access = Full access
74 of 151, access = Check access manually
75 of 151, access = Full access
76 of 151, access = Full access
77 of 151, access = Full access
78 of 151, access = Full access
79 of 151, access = Full access
80 of 151, access = Full access
81 of 151, access = Full access
82 of 151, access = Full access
83 of 151, access = Full access
84 of 151, access = Full access
85 of 151, access = Full access
86 of 151, access = Full access
87 of 151, access = Full access
88 of 151, access = Full access
```


Example of a title that needs to be checked for access



Request for Access

Kennesaw State University doesn't offer Children of the Light right now. Let them know how you'll use this title and we'll pass along your message.



Example of a title with full access

kanopy Browse Search

Monsieur Lazhar

[▶ Play](#) [Trailer](#)


2011 · 1hr 34min · · · ★★★★★☆

After a Montreal elementary school teacher commits suicide one night after class, she is replaced by Bachir Lazhar, an Algerian immigrant seeking political refuge in Quebec.

As Lazhar...

[Read More ▾](#)

ACADEMY AWARD® NOMINEE
BEST FOREIGN LANGUAGE FILM



BEST CANADIAN FEATURE
WINNER
TORONTO FILM FESTIVAL

OFFICIAL SELECTION
SUNDANCE
FILM FESTIVAL

AUDIENCE AWARD
WINNER
LOCARNO FILM FESTIVAL

MONSIEUR
LAZHAR

Conclusion

- Save the time and manpower to check each e-record.
- Be proactive.
- Limitations:
 - More packages can be developed and added.
 - Vendors' Platform add more java scripts.



Questions?

