# NewsBank Article Collector v. 1.0
# John Solsma - January 2014

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NewsBank Article Collector
         v. 1.0
    John Solsma 2014
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2014-06-04 14:14:33.854000
Press return to continue...
```

## Step 1:
## exctract all files from NewsBank_Article_Collector.zip

NewsBank_A...Collector.zip

## Step 2:
## Open the folder created with the same name and open the file:

| | | | |
|---|---|---|---|
| _ctypes.pyd | 5/15/2013 10:43 PM | PYD File | 86 KB |
| _hashlib.pyd | 5/15/2013 10:44 PM | PYD File | 350 KB |
| _socket.pyd | 5/15/2013 10:43 PM | PYD File | 44 KB |
| _sqlite3.pyd | 5/15/2013 10:43 PM | PYD File | 47 KB |
| _ssl.pyd | 5/15/2013 10:45 PM | PYD File | 878 KB |
| bz2.pyd | 5/15/2013 10:43 PM | PYD File | 67 KB |
| library | 6/4/2014 2:11 PM | Compressed (zipp... | 1,503 KB |
| NewsBank Article Collector | 5/25/2014 10:29 AM | Application | 697 KB |
| pyexpat.pyd | 5/15/2013 10:43 PM | PYD File | 125 KB |
| python27.dll | 5/15/2013 10:43 PM | Application extens... | 2,391 KB |
| select.pyd | 5/15/2013 10:43 PM | PYD File | 10 KB |
| sqlite3.dll | 5/15/2013 10:43 PM | Application extens... | 417 KB |
| unicodedata.pyd | 5/15/2013 10:43 PM | PYD File | 670 KB |

## Step 3:
## A basic search

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NewsBank Article Collector
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2014-06-04 14:22:45.945000
Press return to continue...
Initializing browser. Please wait...
Browser initialized: Access World News
What state would you like to search? ex: 'IA' IA
State found - selected
What topic would you like to search? - Search box 1 - tobacco
Choose a number from this list of search options: (0,All Text) (1,Lead Paragraph
) (2,Title) (3,Author) (4,Section) (5,CapGraph) (6,Page) (7,source) (0,Word Coun
t) (0,Date)  0
*
Would you like to search with booleans? (yes/no) yes
Choose from these boolean operators: (0,and) (1,or) (2,not)  0
*and
What is the second topic you would like to search? - Search box 2 - nicotine
 For your second search criteria, choose a number from this list of search optio
ns: (0,All Text) (1,Lead Paragraph) (2,Title) (3,Author) (4,Section) (5,CapGraph
) (6,Page) (7,source) (0,Word Count) (0,Date)  0
*
Would you like to search with a second boolean? (yes/no) yes
Choose from these boolean operators: (0,and) (1,or) (2,not)  0
*and
What is the third topic you would like to search? - Search box 3 - Iowa City
 For your third search criteria, choose a number from this list of search option
s: (0,All Text) (1,Lead Paragraph) (2,Title) (3,Author) (4,Section) (5,CapGraph)
 (6,Page) (7,source) (0,Word Count) (0,Date)  0
*
Search criteria complete. Initializing customized search...

Xlsx file created
Search Results for tobacco in All Text and nicotine in All Text and Iowa City in
 All Text
Results: 1 - 10 of 390
```

All of the search terms are in red. Booleans and sections are selected by the numbers listed in their (number,name) tuple.

**Step 4**
**Article Collection and file creation:**

After you submit your search criteria, the program will loop through all the results collecting them into an excel file. The excel file will not be geared visibly for the user until the program is closed, canceled, crashes, or is complete. The file will be saved in the directory of the program.

| | | | |
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For further questions, contact John Solsma at solsma@me.com