

# Claude Computer Use Demo

 **Security Alert:** Never provide access to sensitive accounts or data, as malicious web content can hijack Claude's behavior

**Chat** HTTP Exchange Logs



Hi Claude. I'm testing out computer use here. I've opened a page on the softwareX journal, listing all papers in volume 30. I would like you to:

1. extract the page's DOM
2. Identify each paper., it's title, authors, and URL
3. add data to the open libreoffice document, with *what you know* of the following columns:

Title	Authors	URL	Issue Number	Year	Tools	Mention
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The url should be to the webpage, not the pdf.

(This is in preparation for future steps.) 4. Validate your action by comparing the first and last journal article on the page (via screenshots) and the first and last items in the spreadsheet. 5. Once you've validated the count and accuracy of articles, navigate via the issues accordion menu to volume 29, and do the same steps.

Please restate these requirements, perform any necessary functional decomposition, and ask me any necessary questions before proceeding.

If you are unclear on a step, stop.



I'll restate the requirements and break them down, then ask any clarifying questions:

**REQUIREMENTS RESTATEMENT:**

1. Extract DOM from current SoftwareX journal page (Volume 30)

2. Parse DOM to identify for each paper:
  - Title
  - Authors
  - URL (webpage not PDF)
3. Add data to currently open LibreOffice document with columns:
  - Title
  - Authors
  - URL
  - Issue Number
  - Year
  - Tools Mentioned
4. Validation:
  - Take screenshots of first and last articles on webpage
  - Compare with first and last entries in spreadsheet
5. Navigate to Volume 29 via accordion menu and repeat steps 1-4

#### CLARIFYING QUESTIONS:

1. I don't see the current state - I need a screenshot first to confirm I'm looking at the correct page and to see the layout. Could you provide one?
2. For the LibreOffice document:
  - Is this a new or existing document?
  - If existing, does it already have the column headers?
3. Regarding DOM extraction:
  - Since Firefox is the browser being used, I'll need to use the developer tools. Do you want me to proceed with that approach?

Once you answer these questions, I can proceed with the first step of taking a screenshot to assess the current state and determine the exact coordinates needed for navigation.

Would you please confirm these understandings and answer the questions before I proceed?



1. This is computer use, please take screenshots as necessary.

2. This is the "Untitled 1" document currently open
3. Yes, or use curl as your preference and ease of interaction dictates.



Thank you for the clarification. Let me first take a screenshot to assess the current state.



Tool Use: computer

Input: {'action': 'screenshot'}

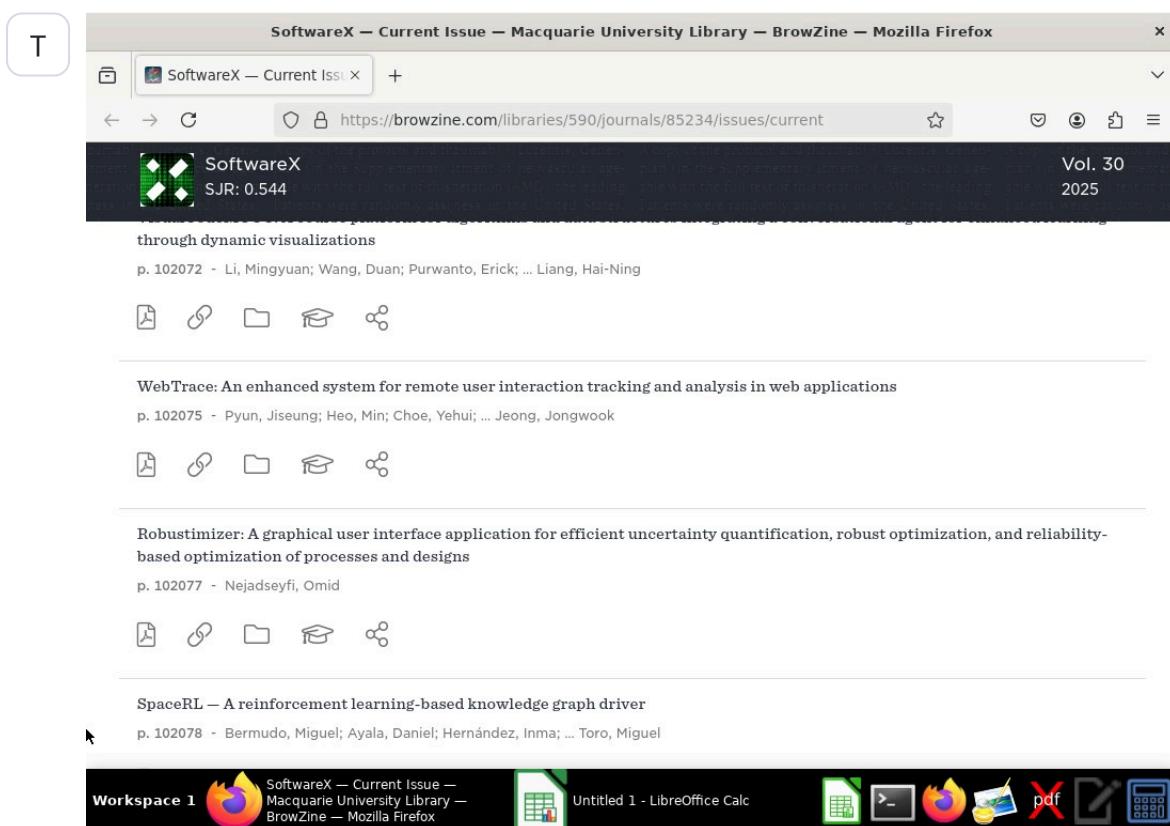
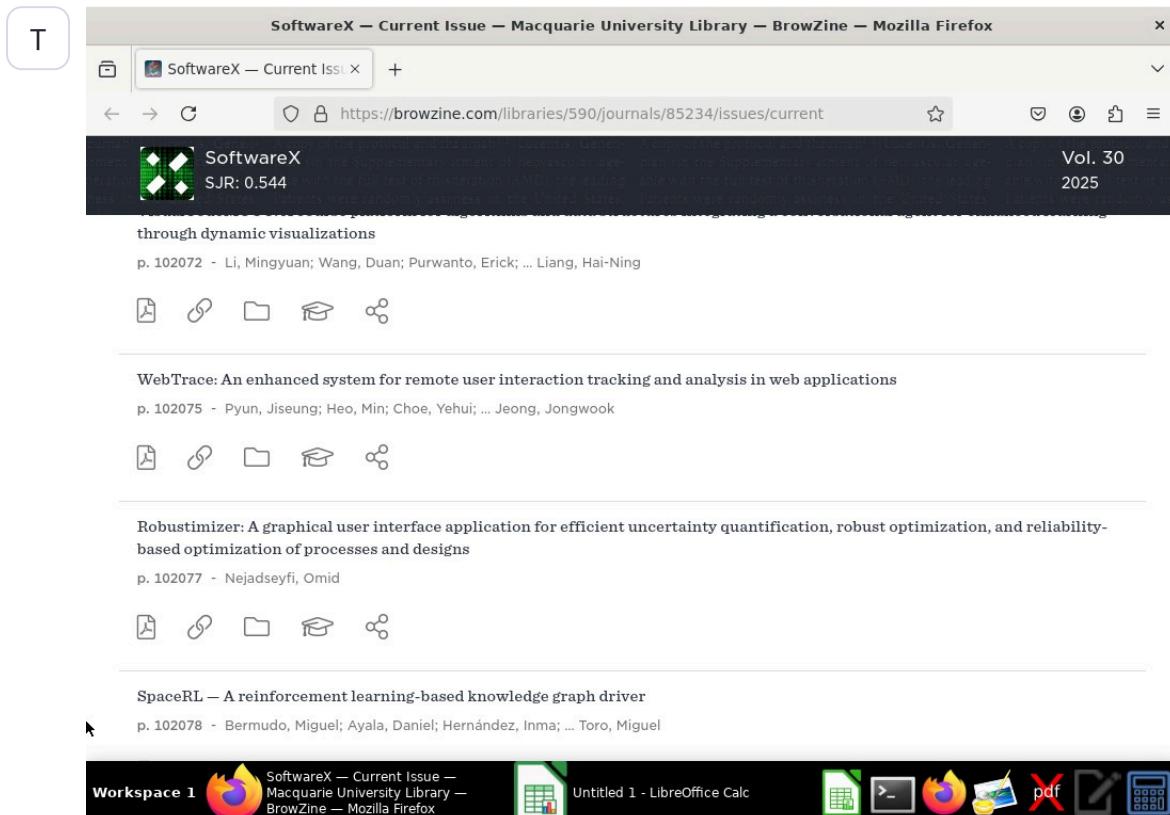


I see I'm looking at the SoftwareX journal in BrowZine, and I can see the first few articles of Volume 30. I also see the LibreOffice Calc document is open. Let me first scroll down to see the full content of Volume 30.



Tool Use: computer

Input: {'action': 'key', 'text': 'Page\_Down'}





Let me take one more screenshot to ensure I see all articles:



Tool Use: computer

```
Input: {'action': 'key', 'text': 'Page_Down'}
```



Tool Use: computer

```
Input: {'action': 'screenshot'}
```

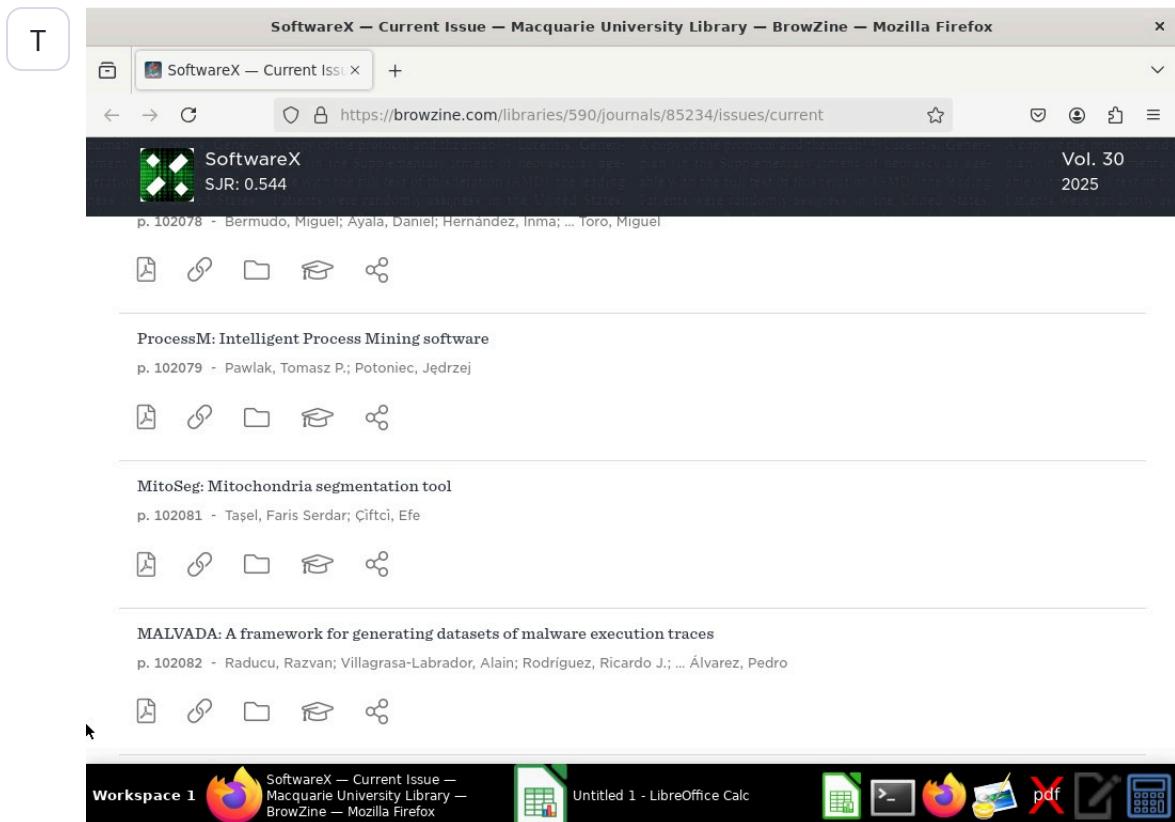


The screenshot shows a Mozilla Firefox browser window with the title "SoftwareX – Current Issue – Macquarie University Library – BrowZine – Mozilla Firefox". The address bar shows the URL <https://browzine.com/libraries/590/journals/85234/issues/current>. The main content area displays several article entries:

- SoftwareX** SJR: 0.544
- ProcessM: Intelligent Process Mining software**  
p. 102078 - Pawlak, Tomasz P.; Potoniec, Jędrzej
- MitoSeg: Mitochondria segmentation tool**  
p. 102081 - Taşel, Faris Serdar; Çiftci, Efe
- MALVADA: A framework for generating datasets of malware execution traces**  
p. 102082 - Raducu, Razvan; Villagrasa-Labrador, Alain; Rodriguez, Ricardo J.; ... Álvarez, Pedro

At the bottom of the browser window, the taskbar shows the following open tabs and windows:

- Workspace 1
- SoftwareX – Current Issue – Macquarie University Library – BrowZine – Mozilla Firefox
- Untitled 1 - LibreOffice Calc
- BrowZine
- Firefox
- PDF
- Calculator



 Now I have a complete view of Volume 30. Let me prepare the LibreOffice document with the headers first:

 Tool Use: computer  
Input: {'action': 'mouse\_move', 'coordinate': [426, 737]}

 Tool Use: computer  
Input: {'action': 'left\_click'}

 Tool Use: computer  
Input: {'action': 'type', 'text': 'Title'}

 Tool Use: computer  
Input: {'action': 'key', 'text': 'Tab'}



Tool Use: computer

Input: {'action': 'type', 'text': 'Authors'}



Tool Use: computer

Input: {'action': 'key', 'text': 'Tab'}



Tool Use: computer

Input: {'action': 'type', 'text': 'URL'}



Tool Use: computer

Input: {'action': 'key', 'text': 'Tab'}



Tool Use: computer

Input: {'action': 'type', 'text': 'Issue Number'}



Tool Use: computer

Input: {'action': 'key', 'text': 'Tab'}



Tool Use: computer

Input: {'action': 'type', 'text': 'Year'}



Tool Use: computer

Input: {'action': 'key', 'text': 'Tab'}



SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox

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SoftwareX — Current Issue +

https://browzine.com/libraries/590/journals/85234/issues/current

SoftwareX  
SJR: 0.544

Vol. 30  
2025

p. 102078 - Bermudo, Miguel; Ayala, Daniel; Hernández, Inma; ... Toro, Miguel

ProcessM: Intelligent Process Mining software

p. 102079 - Pawlak, Tomasz P.; Potoniec, Jędrzej

MitoSeg: Mitochondria segmentation tool

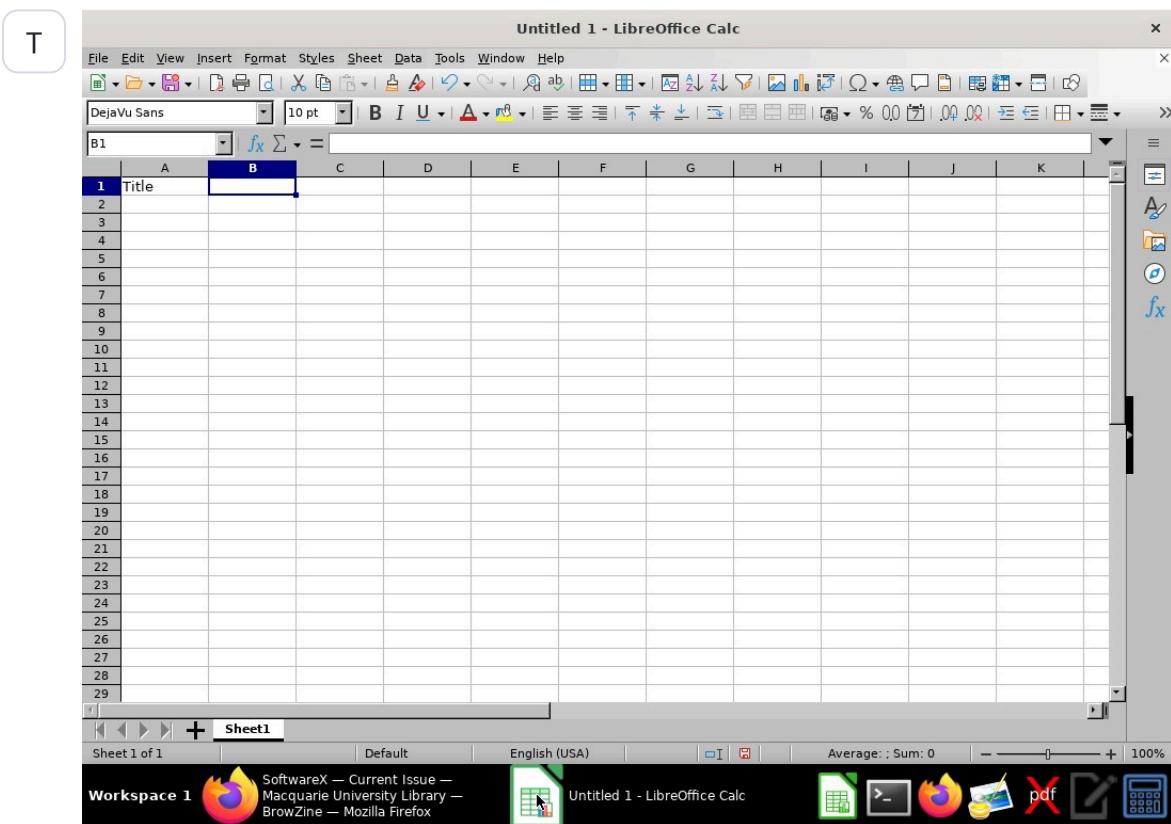
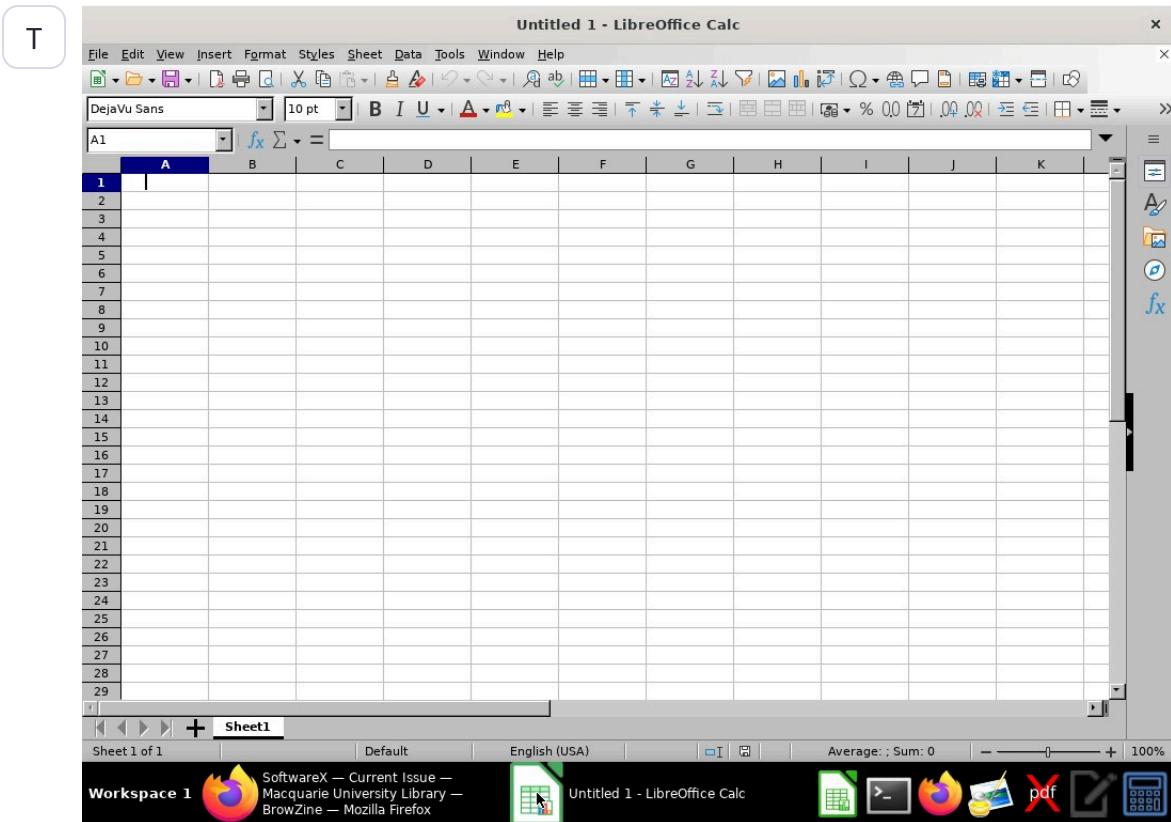
p. 102081 - Taşel, Faris Serdar; Çiftci, Efe

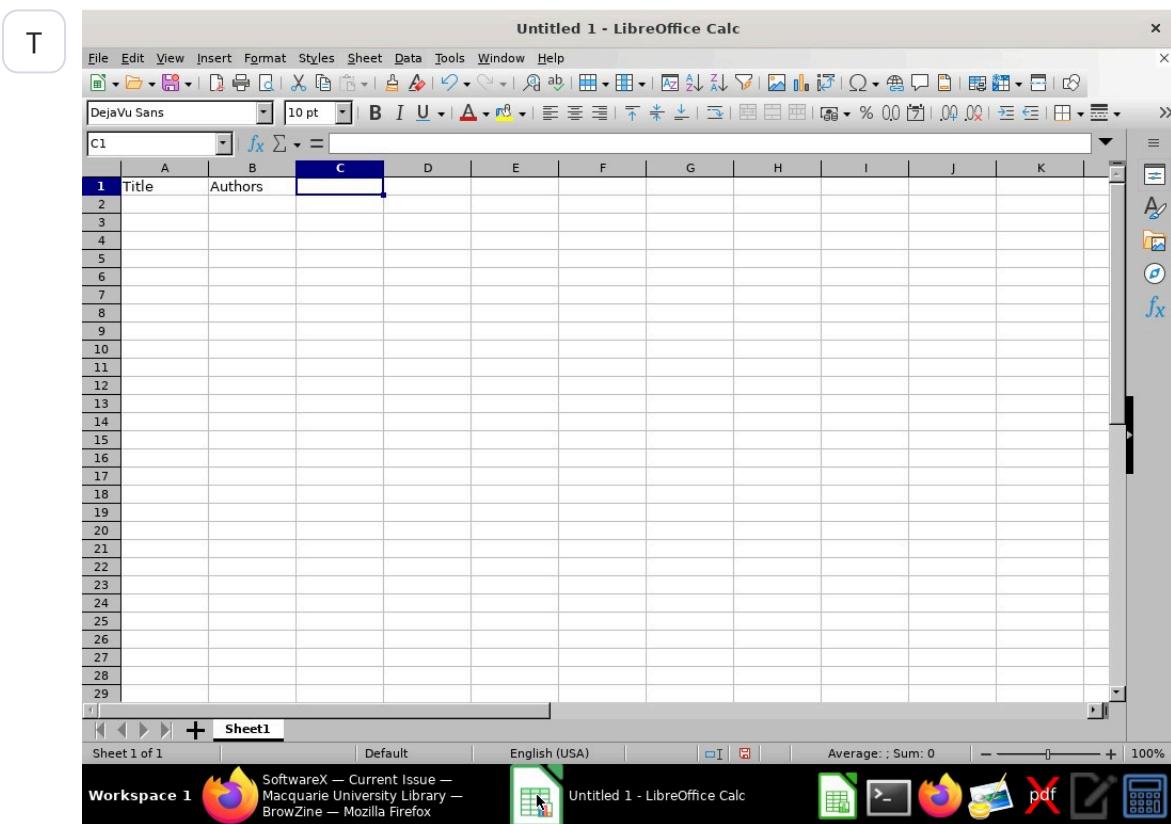
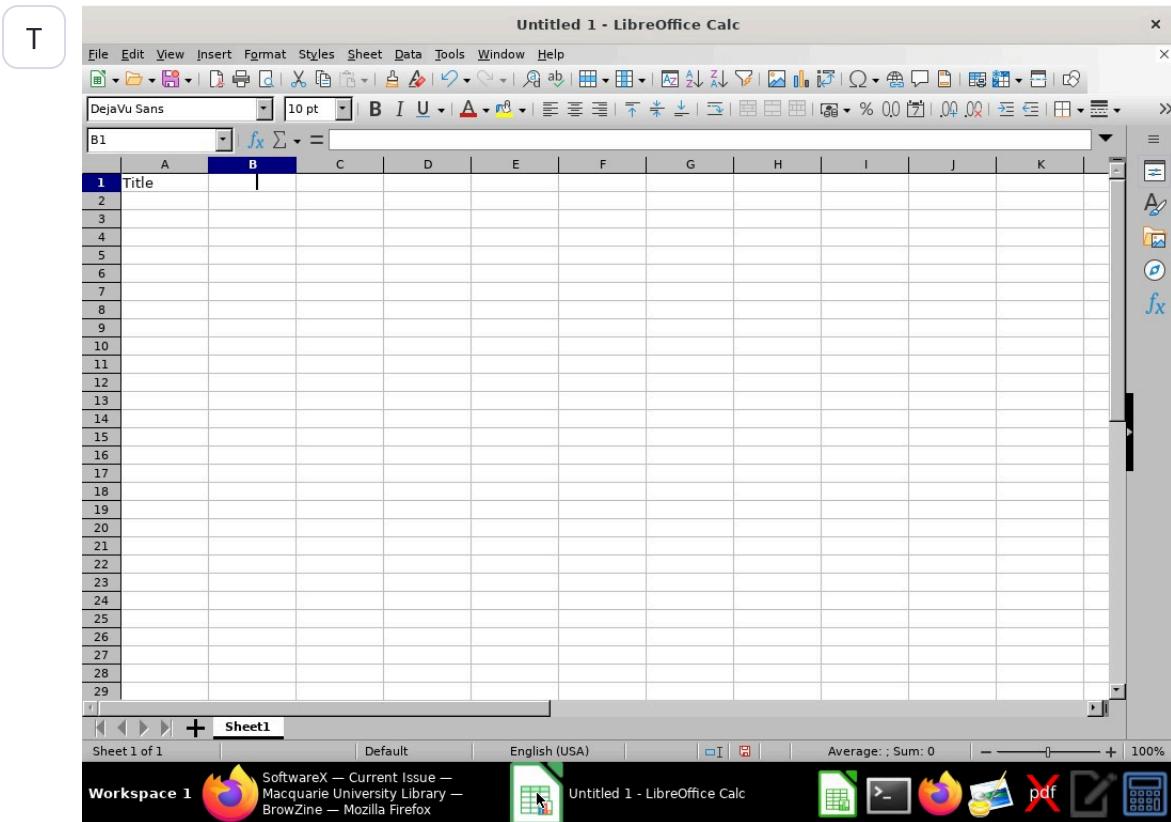
MALVADA: A framework for generating datasets of malware execution traces

p. 102082 - Raducu, Razvan; Villagrass-Labrador, Alain; Rodríguez, Ricardo J.; ... Álvarez, Pedro

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

The screenshot shows a LibreOffice Calc spreadsheet application window titled "Untitled 1 - LibreOffice Calc". The menu bar includes File, Edit, View, Insert, Format, Styles, Sheet, Data, Tools, Window, and Help. The toolbar contains various icons for file operations, search, and cell formatting. The spreadsheet area has a header row with columns A through K and rows 1 through 29. Cell A1 is currently selected. The status bar at the bottom displays "Sheet1 of 1", "Default", "English (USA)", "Average: ; Sum: 0", and a zoom level of "100%".





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Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

DejaVu Sans 10 pt B I U A  $\Sigma$  =

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Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

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Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

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Sheet1

Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

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Sheet1 of 1 Default English (USA) Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

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Sheet1 of 1 Default English (USA) Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

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Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

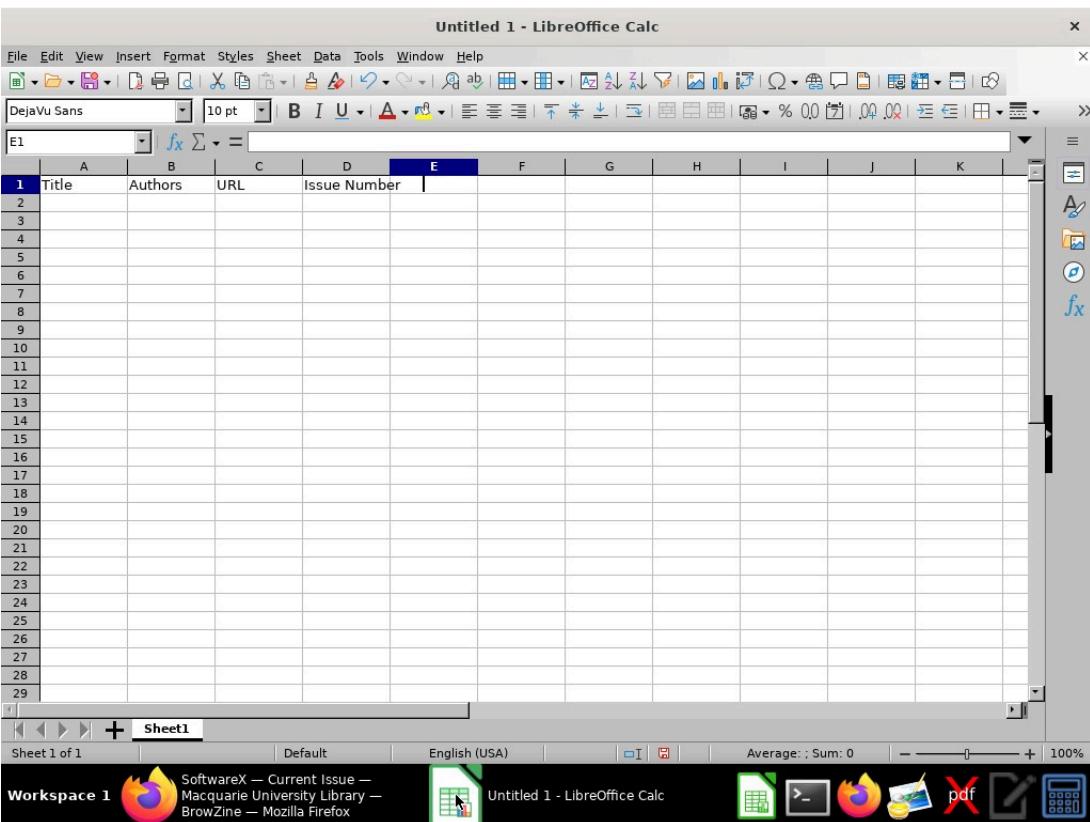
DejaVu Sans 10 pt B I U A  $\Sigma$  =

E1 | A | B | C | D | E | F | G | H | I | J | K |

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Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc



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Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

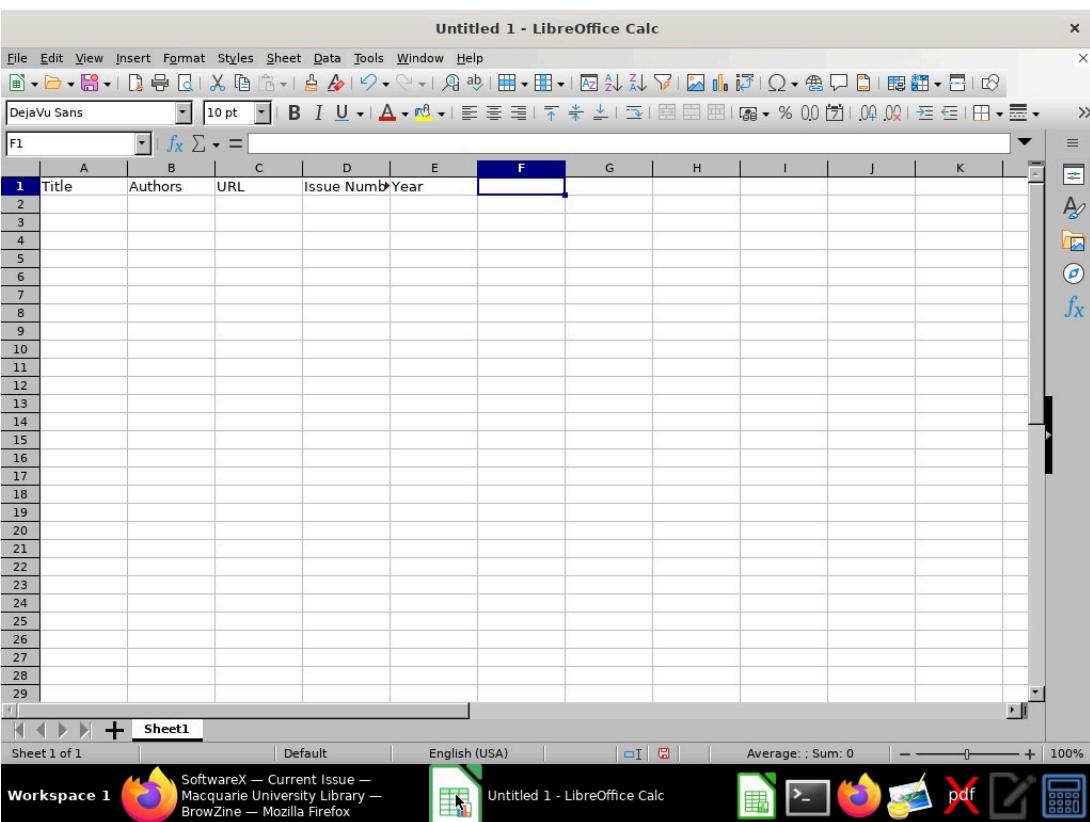
DejaVu Sans 10 pt B I U A  $\Sigma$  =

F1 | A | B | C | D | E | F | G | H | I | J | K |

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Sheet1 of 1 Default English (USA) Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc



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Now that I have the headers set up, I'll start filling in the data. For each article, I need to:

1. Get the title
2. Get the authors
3. Get the URL (by clicking the link icon)
4. Get the issue number (from p. number)
5. Get the year (2025 for Volume 30)
6. Leave Tools Mentioned empty for now

Let me start with the first article. I'll click the link icon to get its URL:

Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [106, 462]}
```

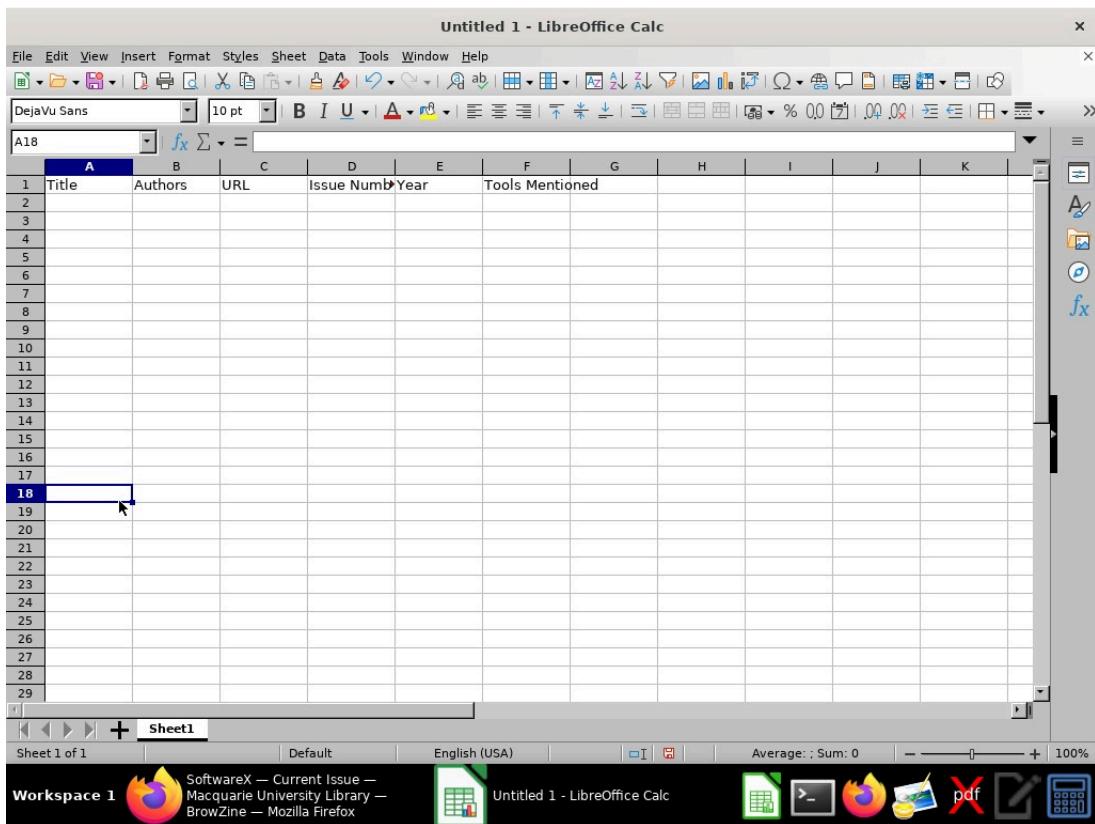
Tool Use: computer

```
Input: {'action': 'left_click'}
```



A screenshot of LibreOffice Calc. The title bar says "Untitled 1 - LibreOffice Calc". The spreadsheet has a single row of headers: "Title", "Authors", "URL", "Issue Num", "Year", and "Tools Mentioned". The "Tools Mentioned" column is currently selected. The cursor is positioned over the cell at row 18, column F (F18). The status bar at the bottom shows "Sheet 1 of 1" and "100%". The bottom navigation bar includes icons for file operations, browser links (SoftwareX, Macquarie University Library, BrowZine, Mozilla Firefox), and document tools (Save, Print, PDF).

A screenshot of LibreOffice Calc, identical to the one above but with the cursor now positioned over the cell at row 18, column A (A18). The rest of the spreadsheet and interface are the same, showing the table structure and the bottom navigation bar with browser links and document tools.



I need to go back to Firefox to click the link for the first article. Let me do that now:



Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [106, 462]}
```



Tool Use: computer

```
Input: {'action': 'left_click'}
```



Tool Use: computer

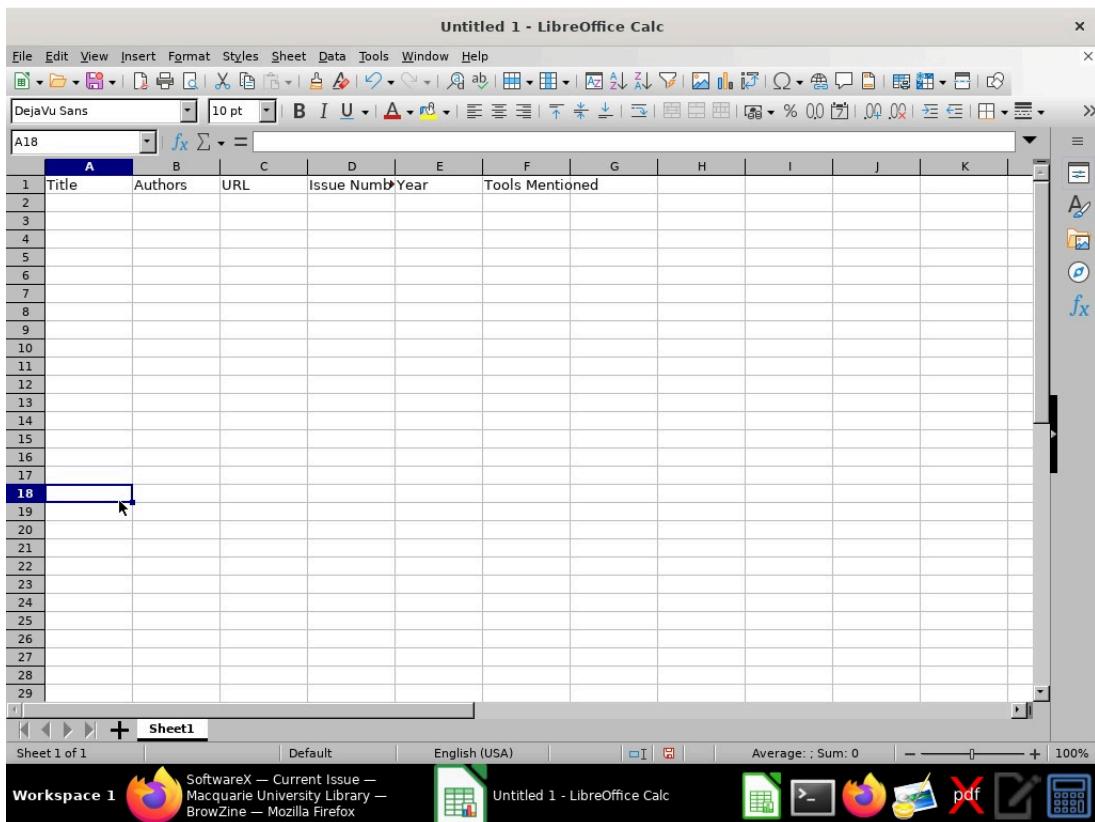
```
Input: {'action': 'screenshot'}
```

Untitled 1 - LibreOffice Calc

A	B	C	D	E	F	G	H	I	J	K
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Untitled 1 - LibreOffice Calc

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 I apologize, but I need to revise my approach. Let me use curl to get the webpage content first, as it will be more efficient. I'll use the URL from the browser:

 Tool Use: bash

Input: { 'command': 'curl -L "https://browsine.com/libraries/590

% Total % Received % Xferd Average Speed Time Time Time Current Dload  
Upload Total Spent Left Speed

0 0 0 0 0 0 0 0 --:--:--:--:--:--:--:-- 0curl: (6) Could not resolve host:  
browsine.com

 I apologize for the typo in the URL. Let me correct that:

 Tool Use: bash

```
Input: {'command': 'curl -L "https://browzine.com/libraries/590'}
```

T

```
% Total % Received % Xferd Average Speed Time Time Time Current Dload  
Upload Total Spent Left Speed
```

```
0 0 0 0 0 0 0 0 --:--:--:--:--:-- 0 11 4055 11 474 0 0 732 0 0:00:05 --:--:  
0:00:05 732 100 4055 100 4055 0 0 6268 0 --:--:--:--:--:-- 6267
```



Let me check what we got:



Tool Use: str\_replace\_editor

```
Input: {'command': 'view', 'path': '/home/archivist/journal_pag'}
```

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The path /home/archivist/journal\_page.html does not exist. Please provide a valid path.



I apologize, let me check the current directory and file:



Tool Use: bash

```
Input: {'command': 'pwd && ls -la'}
```

T

```
/home/computeruse  
total 92  
drwxr-x--- 1 computeruse computeruse 4096 Feb 19 02:04 .  
drwxr-xr-x 1 root root 4096 Dec 20 17:29 ..  
drwxr-xr-x 2 computeruse computeruse 4096 Feb 19 01:07 .anthrop  
-rw-r--r-- 1 computeruse computeruse 220 Jan 6 2022 .bash_lo  
-rw-r--r-- 1 computeruse computeruse 3894 Dec 20 17:29 .bashrc  
drwxr-xr-x 1 computeruse computeruse 4096 Feb 19 01:19 .cache  
drwxr-xr-x 1 computeruse computeruse 4096 Feb 19 01:19 .config
```

```
drwxr-xr-x 4 computeruse computeruse 4096 Feb 19 01:09 .mozilla
-rw-r--r-- 1 computeruse computeruse 807 Jan 6 2022 .profile
drwxr-xr-x 1 computeruse computeruse 4096 Dec 20 17:30 .pyenv
drwxr-xr-x 2 computeruse computeruse 4096 Dec 20 17:27 .streamlit
drwxr-xr-x 1 computeruse computeruse 4096 Feb 19 01:07 computer
-rw-r-xr-x 1 computeruse computeruse 375 Dec 20 17:27 entrypoint
-rw-r--r-- 1 computeruse computeruse 473 Dec 20 17:27 http_server
-rw-r--r-- 1 computeruse computeruse 1109 Dec 20 17:27 index.html
-rw-r--r-- 1 computeruse computeruse 4055 Feb 19 02:04 journal
-rwxr-xr-x 1 computeruse computeruse 446 Dec 20 17:27 mutter_s
-rwxr-xr-x 1 computeruse computeruse 415 Dec 20 17:27 novnc_st
-rwxr-xr-x 1 computeruse computeruse 129 Dec 20 17:27 start_all
drwxr-xr-x 2 computeruse computeruse 4096 Dec 20 17:27 static_content
-rwxr-xr-x 1 computeruse computeruse 544 Dec 20 17:27 tint2_st
-rwxr-xr-x 1 computeruse computeruse 957 Dec 20 17:27 x11vnc_s
-rwxr-xr-x 1 computeruse computeruse 1118 Dec 20 17:27 xvfb_start
```



Now I can view the file correctly:



Tool Use: str\_replace\_editor

Input: {'command': 'view', 'path': '/home/computeruse/journal\_p



Here's the result of running `cat -n` on /home/computeruse/journal\_p

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="utf-8">
5          <meta http-equiv="X-UA-Compatible" content="IE=edge">
6          <title>BrowZine</title>
7          <meta name="description" content="">
8          <meta name="viewport" content="width=device-width,
9
10         <link rel="icon" href="//browzine-app.thirdiron.com
11
12
13         <meta name="browzine-web/config/environment" content="%"
14
15         <link integrity="" rel="stylesheet" href="//browzin
16         <link integrity="" rel="stylesheet" href="//browzin
```

```

17      <link rel="alternate stylesheet" href="//browzine-a
18
19      <link rel="stylesheet" href="//browzine-app.thirdir
20          <link rel="stylesheet" href="//browzine-app.thirdir
21          <link rel="stylesheet" href="//browzine-app.thirdir
22
23      <link rel="stylesheet" type="text/css" href="https:
24
25
26      </head>
27      <body>
28
29
30      <noscript>
31          <div class='compatibility-message'>BrowZine requi
32      </noscript>
33
34      <script src="//browzine-app.thirdiron.com/assets/ve
35      <script src="//browzine-app.thirdiron.com/assets/br
36
37      <div id="ember-basic-dropdown-wormhole"></div>
38      </body>
39      </html>
40

```



I see the issue - this is a JavaScript-heavy application and the static HTML doesn't contain the content. Let me go back to using Firefox to get the information.

For each article, I'll need to:

1. Click the link icon to get the URL
2. Copy the title and authors directly from the page
3. Get the issue number from the p. number
4. Add Year (2025)
5. Leave Tools Mentioned empty for now

Let me start with the first article:



Tool Use: computer

Input: {'action': 'mouse\_move', 'coordinate': [106, 462]}



Tool Use: computer

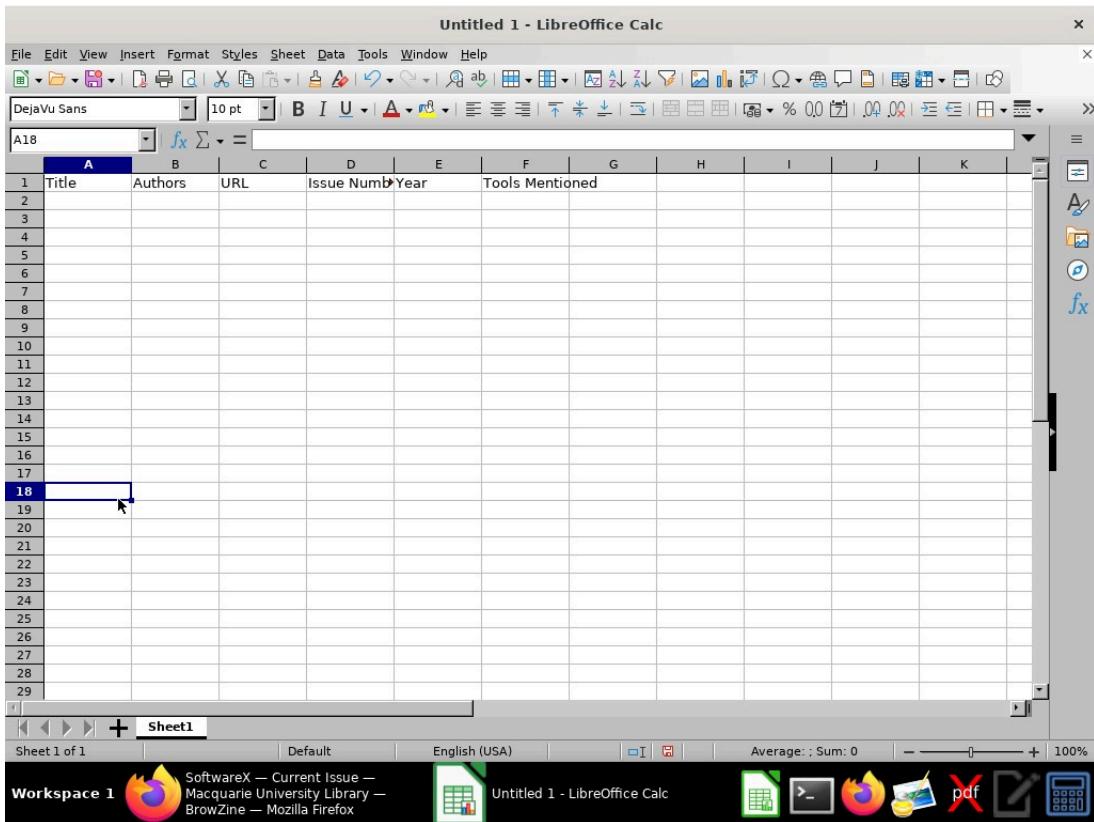
Input: {'action': 'left\_click'}



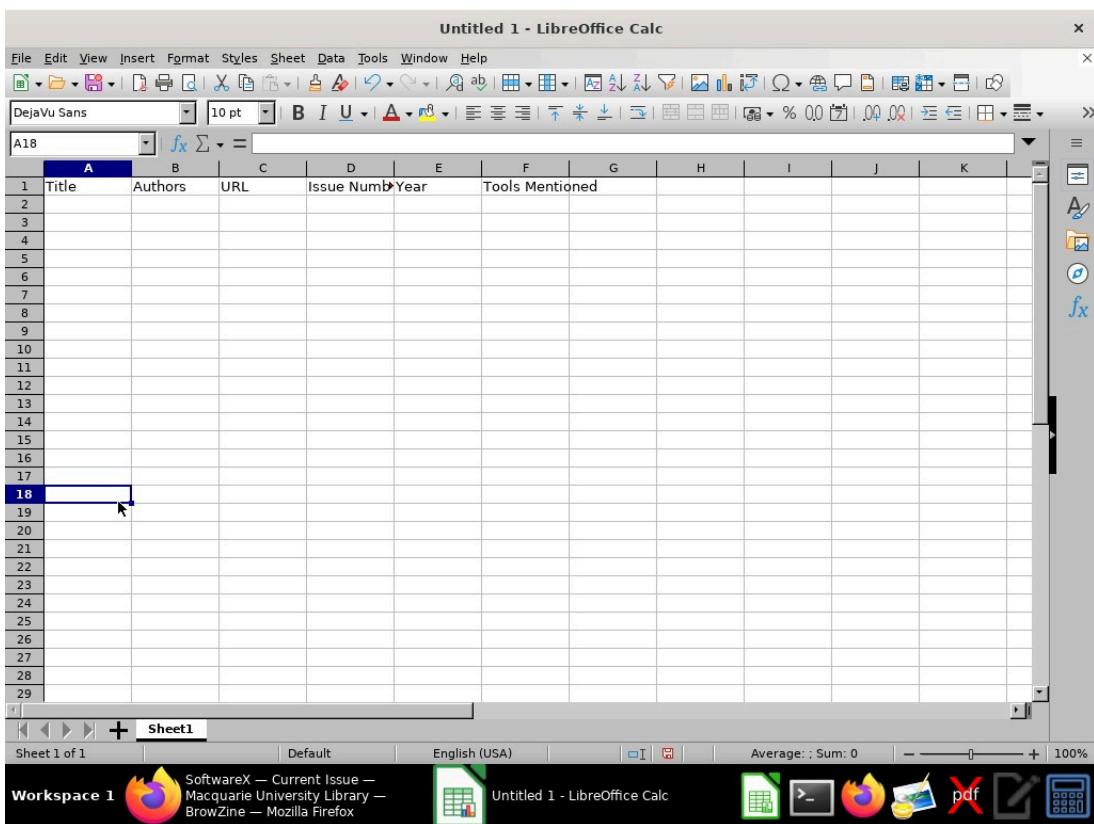
Tool Use: computer

Input: {'action': 'screenshot'}

The screenshot shows a LibreOffice Calc spreadsheet window titled "Untitled 1 - LibreOffice Calc". The spreadsheet has a single sheet named "Sheet1". The first row contains the following column headers: Title, Authors, URL, Issue Num, Year, and Tools Mentioned. Row 18 is currently selected, as indicated by the blue selection bar and the active cell A18. The status bar at the bottom of the window displays "Sheet1 of 1" and "Average: Sum: 0". The toolbar and ribbon are visible at the top, and the LibreOffice dock is visible at the bottom.



A screenshot of the LibreOffice Calc application window. The title bar reads "Untitled 1 - LibreOffice Calc". The menu bar includes File, Edit, View, Insert, Format, Styles, Sheet, Data, Tools, Window, and Help. The toolbar contains various icons for file operations, text styling, and data manipulation. A ribbon at the top has "DejaVu Sans" and "10 pt" settings. The main area shows a table with the following columns: Title, Authors, URL, Issue Num, Year, and Tools Mentioned. Row 18 is currently selected, indicated by a blue highlight. The status bar at the bottom shows "Sheet1 of 1", "Default", "English (USA)", "Average: Sum: 0", and "100%". Below the status bar, there's a taskbar with icons for SoftwareX, Macquarie University Library, BrowZine, Mozilla Firefox, and Untitled 1 - LibreOffice Calc.



A second screenshot of the LibreOffice Calc application window, identical to the first one. It shows the same table structure, row selection, and interface elements. The status bar and taskbar are also the same.



I apologize, but I'm not seeing a clear response from clicking the link icon. Let me try a different approach:

1. First, let me input the Title for the first article:



Tool Use: computer

Input: {'action': 'mouse\_move', 'coordinate': [40, 182]}



Tool Use: computer

Input: {'action': 'left\_click'}



Tool Use: computer

Input: {'action': 'type', 'text': 'drugdevelopR: Planning of ph'}



Untitled 1 - LibreOffice Calc										
File Edit View Insert Format Styles Sheet Data Tools Window Help										
DejaVu Sans 10 pt B I U A V Y E G H I J K										
A18	Authors	URL	Issue Num	Year	Tools Mentioned					
1 Title										
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Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

DejaVu Sans 10 pt B I U A  $\Sigma$  =

A2

	A	B	C	D	E	F	G	H	I	J	K
1	Title	Authors	URL	Issue Num	Year	Tools Mentioned					
2	drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in										
3											
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Sheet1

Default English (USA) Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc

T

Untitled 1 - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

DejaVu Sans 10 pt B I U A  $\Sigma$  =

A2

	A	B	C	D	E	F	G	H	I	J	K
1	Title	Authors	URL	Issue Num	Year	Tools Mentioned					
2	drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in										
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29											

Sheet1

Default English (USA) Average: Sum: 0 100%

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc



(user stopped or interrupted and wrote the following)



You don't seem to be clicking in the task bar correctly, I'll swap you back to firefox.



I apologize for the confusion. You're right - let me wait for you to switch back to Firefox so I can properly get the URLs and information. When you've switched back to Firefox, I'll:

1. Get the URL by clicking the chain/link icon
2. Copy the information systematically for each article
3. Input it into the spreadsheet

Please let me know when you've switched back to Firefox and I'll continue with getting the correct information.



To get the url, if you're going to do this through clicking rather than extracting the dom, then right click, then alt-l on the link icon. Do not left click as that will load new pages. I've also hit "HOME" to get you to the top of the page.



Thank you for those clarifications. That's a much better approach - right-click and alt-l to copy the link URL without navigating away from the page. I see we're back at the top of the page.

Let me get the first article's information using this method:



Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [106, 462]}
```



Tool Use: computer

```
Input: {'action': 'right_click'}
```



Tool Use: computer

```
Input: {'action': 'key', 'text': 'alt+l'}
```

A screenshot of a Mozilla Firefox browser window showing the SoftwareX journal page on BrowZine. The title bar reads "SoftwareX – Current Issue – Macquarie University Library – BrowZine – Mozilla Firefox". The main content area shows the "Journal SoftwareX" header, the journal logo (a green square with white diamonds), and the title "SoftwareX". Below the title, it says "SRJ: 0.544". A large button at the bottom right says "+ ADD TO MY BOOKSHELF". The URL in the address bar is https://browzine.com/libraries/590/journals/85234/issues/current.

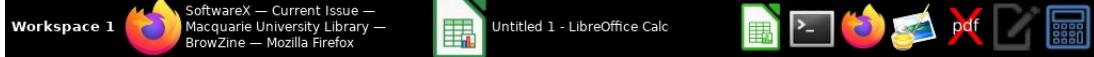
2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

p. 102066 - Cepicka, Johannes; Sauer, Lukas D.; Kirchner, Marietta; ... Erdmann, Stella



iRheoFoam: A package for simulating complex planar interfaces



The screenshot shows a Mozilla Firefox browser window with the following details:

- Title Bar:** SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox
- Address Bar:** https://browzine.com/libraries/590/journals/85234/issues/current
- Page Content:** The journal cover for "SoftwareX" is displayed, featuring a green and white abstract graphic. The title "SoftwareX" is prominently shown, along with the SJR: 0.544. Below the cover, there is a large button labeled "+ ADD TO MY BOOKSHELF".
- Bottom Navigation:** Buttons for "BACK", "ISSUES", and "RELATED".
- Contextual Menu:** A right-clicked menu is open over the journal cover, listing options: "Save Page As...", "Save Page to Pocket", "Select All", "Take Screenshot", "View Page Source", and "Inspect (Q)".

The screenshot shows a Mozilla Firefox browser window with the title bar "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The main content area displays the journal "SoftwareX" with the subtitle "Journal". Below the journal title is a logo consisting of four white diamonds on a green grid background. To the right of the logo, the text "SJR: 0.544" is visible. The main text area contains an abstract about a study involving bevacizumab and ranibizumab. At the bottom of the page, there are buttons for "ADD TO MY BOOKSHELF", "BACK", "ISSUES", and "RELATED".

2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

p. 102066 - Cepicka, Johannes; Sauer, Lukas D.; Kirchner, Marietta; ... Erdmann, Stella



The screenshot shows a Mac OS X desktop with the Dock at the bottom. The Dock icons include BrowZine, LibreOffice Calc, and other standard Mac OS X icons like Finder, Mail, and Safari. The BrowZine icon is highlighted.

I apologize - I need to right-click specifically on the link icon (the chain symbol).

Let me try again:

Tool Use: computer  
Input: {'action': 'mouse\_move', 'coordinate': [106, 641]}

Tool Use: computer  
Input: {'action': 'right\_click'}

Tool Use: computer  
Input: {'action': 'key', 'text': 'alt+l'}

A screenshot of a web browser showing the SoftwareX journal issue page. The title bar reads "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The main content area shows the journal cover for "SoftwareX" (Volume 1, Number 1, January 2013) featuring a green and white geometric design. Below the cover, there is a brief abstract and a large "ADD TO MY BOOKSHELF" button. The URL in the address bar is https://browzine.com/libraries/590/journals/85234/issues/current. The page includes navigation links for "BACK", "ISSUES", and "RELATED".

2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

[Link to Article](#) Becka, Johannes; Sauer, Lukas D.; Kirchner, Marietta; ... Erdmann, Stella



<https://browzine.com/libraries/590/articles/651515352> | planar interfaces  
Workspace 1  SoftwareX - Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox Untitled 1 - LibreOffice Calc     

SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox

SoftwareX — Current Issue +

https://browzine.com/libraries/590/journals/85234/issues/current

Journal  
SoftwareX

SoftwareX

SJR: 0.544

Open Link in New Tab  
Open Link in New Window  
Open Link in New Private Window  
Bookmark Link...  
Save Link As...  
Save Link to Pocket  
Copy Link  
Copy Link Without Site Tracking  
Search Google for "Link to Article..."  
Translate Link Text to English  
Inspect (Q)

ISSUES ▾ RELATED ▾

SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox

Journal  
SoftwareX

SoftwareX is a peer-reviewed journal published by Elsevier. It covers all areas of software engineering, including theory, design, implementation, and application.

**ISSUE**

Volume 30, Number 1, February 2025

**ARTICLES**

Drug development planning in R: A case study of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules

Authors: J. Schmid, S. Sauer, L. Kirchner, M. Erdmann, S. Stellmacher

Abstract: This study aims to demonstrate the use of R for drug development planning, specifically focusing on phase II/III trials. The goal is to find the optimal sample size and determine whether to proceed with the trial based on preliminary results. The study uses a permutation-based approach to estimate the power of the trial and to make a Go/No-go decision. The results show that the proposed method can effectively plan drug development programs and provide valuable insights for pharmaceutical companies.

**ADD TO MY BOOKSHELF**

**RELATED**

2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

Link to Article



<https://browzine.com/libraries/590/articles/651513522> Planar interfaces

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox



Now I see the issue - when right-clicking, I need to select "Copy Link" from the context menu. Let me try again:



Tool Use: computer

```
Input: {'action': 'right_click'}
```



Tool Use: computer

```
Input: {'action': 'right_click'}
```



Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [171, 504]}
```



Tool Use: computer

```
Input: {'action': 'left_click'}
```

T

human stopped or interrupted tool execution



(user stopped or interrupted and wrote the following)



Apologies, I gave you bad advice. Ctrl-l. Note that there will be no visible feedback unless you can use xclip to get the current clipboard contents. Also, since context-switching is a problem, how about we append TSV lines in bash (don't forget quote delimiters per field) rather than use libreoffice.



Ah, thank you for those clarifications! Yes, that's a much better approach:

1. Use ctrl-l to copy the link (no visible feedback)
2. Create a TSV file using bash with properly quoted fields
3. Then we can later import that into LibreOffice if needed

Let me start by creating the TSV file with headers and then get the first article's information:



Tool Use: bash

Input: { 'command': 'echo -e "Title\\tAuthors\\tURL\\tIssue Num



Now for the first article:



Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [106, 641]}
```



Tool Use: computer

```
Input: {'action': 'key', 'text': 'ctrl+l'}
```



The screenshot shows a Mozilla Firefox browser window with the title bar "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The address bar contains the URL "https://browzine.com/libraries/590/journals/85234/issues/current". The main content area displays the "Journal SoftwareX" page. At the top left is a logo featuring four white diamonds on a green grid background. To the right of the logo is the journal title "SoftwareX" and its SJR value "SJR: 0.544". Below the title is a large text block with several paragraphs of text. At the bottom of this text block is a button labeled "ADD TO MY BOOKSHELF". Below the main content are three navigation buttons: "BACK", "ISSUES", and "RELATED".

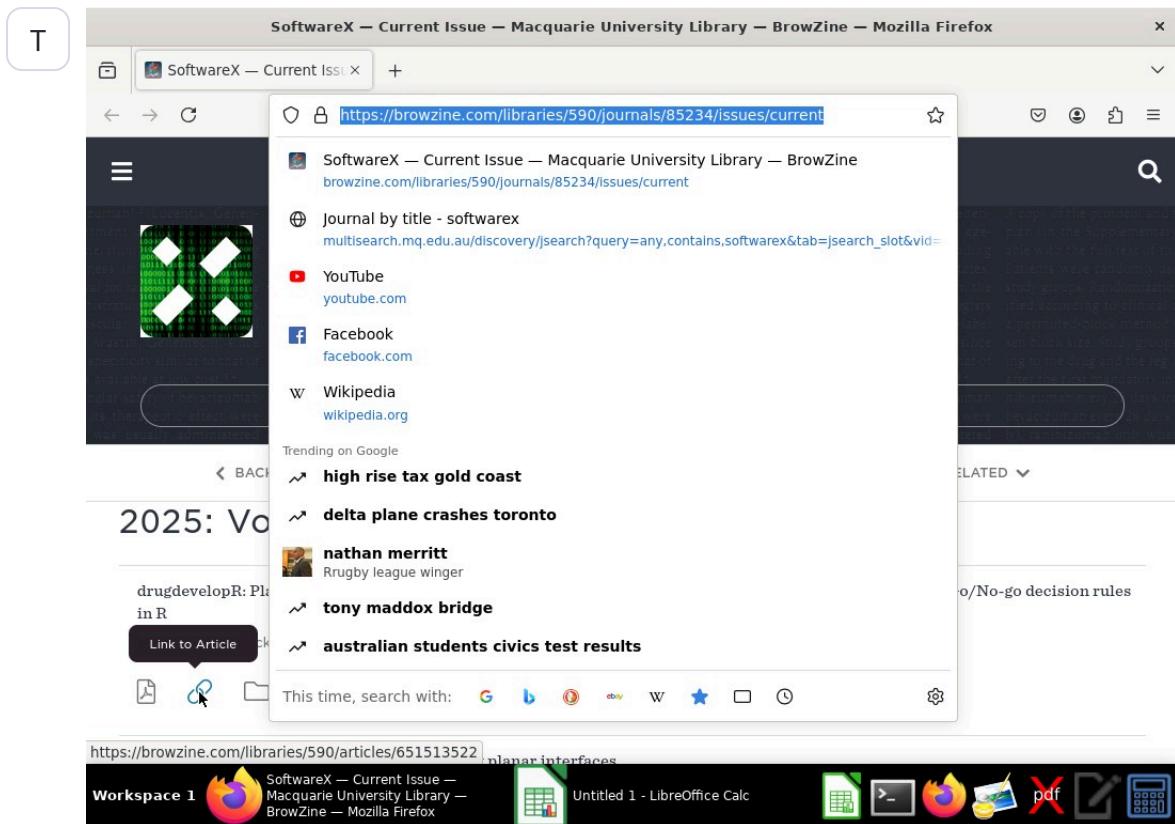
2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

[Link to Article](#) Sacka, Johannes; Sauer, Lukas D.; Kirchner, Marietta; ... Erdmann, Stella



The screenshot shows a Mac OS X desktop environment. At the top, the address bar displays the URL "https://browzine.com/libraries/590/articles/651513522". Below the address bar, the title bar reads "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The desktop dock at the bottom contains several icons: a red folder labeled "Workspace 1", the BrowZine app icon, the LibreOffice Calc icon, the Firefox icon, the Mail icon, the PDF icon, the Notes icon, and the Calculator icon.



Let me install xclip to check the clipboard contents:



Tool Use: bash

Input: { 'command': 'sudo apt-get update && sudo apt-get install xclip' }



ctrl-l only works when the context menu is visible.

I confirm xclip is installed



Ah, thank you. So the sequence should be:

1. Right-click on link icon
2. When context menu is visible, press ctrl-l
3. Use xclip to get the URL

Let me try again:



Tool Use: computer

Input: {'action': 'mouse\_move', 'coordinate': [106, 641]}



The screenshot shows a Mozilla Firefox browser window with the title "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The main content is an article from the journal SoftwareX, Volume 30, 2025. The article is titled "Drug development R: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R". Below the title, there is a "Link to Article" button and several sharing icons. At the bottom of the article view, there are navigation links for "BACK", "ISSUES", and "RELATED".

2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

Link to Article | Ska, Johannes; Sauer, Lukas D.; Kirchner, Marietta; ... Erdmann, Stella



The screenshot shows a Mac OS desktop environment. The Dock at the bottom of the screen contains icons for several applications: BrowZine, LibreOffice Calc, a terminal window (labeled "computeruse@4416 66a0799b: ~"), and other standard Mac OS icons for Finder, Mail, Safari, and others.



Tool Use: computer

Input: {'action': 'right\_click'}

SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox

Journal  
SoftwareX

2025

Open Link in New Tab  
Open Link in New Window  
Open Link in New Private Window  
Bookmark Link...  
Save Link As...  
Save Link to Pocket  
Copy Link  
Copy Link Without Site Tracking  
Search Google for "Link to Article..."  
Translate Link Text to English  
Inspect (Q)

[Link to Article](https://browzine.com/libraries/590/articles/651513522)

ISSUES RELATED

https://browzine.com/libraries/590/articles/651513522

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla...

Tool Use: computer

Input: `{'action': 'key', 'text': 'ctrl+l'}`

SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox

Journal  
SoftwareX

2025: Vol. 30

drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R

Link to Article

ISSUES RELATED

https://browzine.com/libraries/590/articles/651513522

Workspace 1 SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla...



Tool Use: bash

Input: {'command': 'xclip -o -selection clipboard'}

T

Error: Can't open display: (null)



I need to specify the DISPLAY for xclip:



Tool Use: bash

Input: {'command': 'DISPLAY=:1 xclip -o -selection clipboard'}

T

<https://browzine.com/libraries/590/articles/651513522>



Great! Now I have the URL. Let me add this first article to the TSV file:



Tool Use: bash

Input: {'command': 'echo -e "\\\"drugdevelopR: Planning of phase'}



Let me verify the content:



Tool Use: bash

Input: {'command': 'cat softwarex\_articles.tsv'}

T

Title	Authors	URL	Issue Number	Year	Tools Mentioned
-------	---------	-----	--------------	------	-----------------

"drugdevelopR: Planning of phase II/III drug development programs"



Great! The format looks correct. Let me continue with the second article using the same process:



Tool Use: computer

Input: `{'action': 'mouse_move', 'coordinate': [106, 600]}`

The screenshot shows a Mozilla Firefox browser window displaying the SoftwareX journal page on BrowZine. The URL in the address bar is <https://browzine.com/libraries/590/journals/85234/issues/current>. The page title is "SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox". The main content area shows an article abstract for "SoftwareX". Below the abstract are navigation links: "BACK", "ISSUES", and "RELATED". At the bottom of the page, there is a "Link to Article" button and several sharing icons.



Tool Use: computer

Input: `{'action': 'right_click'}`

The screenshot shows a Streamlit application interface. At the top, there is a header with a 'T' icon and the text 'SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox'. Below this is a browser window displaying the journal article 'SoftwareX' from 2025, issue 1. The article title is 'III drug development programs with optimal sample size allocation and Go/No-go decision rules'. The page number is p. 10206. A context menu is open over the page content, showing options like 'Save Page As...', 'Save Page to Pocket', 'Select All', 'Take Screenshot', 'View Page Source', and 'Inspect (Q)'. The bottom of the browser window shows a toolbar with icons for file operations. Below the browser is a taskbar with various application icons, including LibreOffice Calc, a terminal window (computeruse@4416), and other browser and file management icons.

This screenshot shows a Streamlit application component. It features a yellow rounded rectangle containing a white clipboard icon. To its right is a text input field with the placeholder text 'Tool Use: computer'. Below the input field is another text area with the placeholder 'Input: {'action': 'key', 'text': 'ctrl+l'}'.

This screenshot is identical to the one above it, showing the same Streamlit application interface with the journal article, context menu, browser toolbar, and taskbar.



Tool Use: bash

```
Input: {'command': 'DISPLAY=:1 xclip -o -selection clipboard'}
```

T

<https://browzine.com/libraries/590/articles/651513522>



Let me try clicking on the link icon for the second article. I'll page down first to make sure it's visible:



Tool Use: computer

```
Input: {'action': 'key', 'text': 'Page_Down'}
```

T



Tool Use: computer

```
Input: {'action': 'mouse_move', 'coordinate': [106, 601]}
```

The screenshot shows a Streamlit application interface. At the top, there's a header bar with a 'T' icon and the title 'SoftwareX — Current Issue — Macquarie University Library — BrowZine — Mozilla Firefox'. Below this is a browser window displaying the 'SoftwareX' journal page. A right-click context menu is open on the left side of the page, listing options like 'Save Page As...', 'Save Page to Pocket', 'Select All', 'Take Screenshot', 'View Page Source', and 'Inspect (Q)'. The main content area shows the journal cover for 'SoftwareX' (Volume 2025, Issue 1) and some article abstracts. At the bottom of the browser window, there's a toolbar with icons for file operations and a taskbar showing other open applications like LibreOffice Calc and a terminal window.

This screenshot is similar to the one above, showing a Streamlit application interface. It features a yellow 'Tool Use' icon with a clipboard symbol. The text 'Tool Use: computer' is displayed, followed by 'Input: { 'action': 'right\_click' }'. The rest of the interface is identical to the previous screenshot, showing the journal article page with a right-click menu open.

This screenshot shows a Streamlit application interface. The top part is identical to the previous ones, with the journal article page and a right-click context menu. The bottom part of the interface has been modified. Instead of the standard Streamlit sidebar, it now displays the text '2025: Vol. 30' in large bold letters. Below this, there's a section for 'drugdevelopR: Planning of phase II/III drug development programs with optimal sample size allocation and Go/No-go decision rules in R'. This section includes a link to 'p. 102065' and author information. At the very bottom, there's a taskbar with icons for file operations and a taskbar showing other open applications like LibreOffice Calc and a terminal window.



Tool Use: computer

Input: {'action': 'key', 'text': 'ctrl+l'}



Tool Use: bash

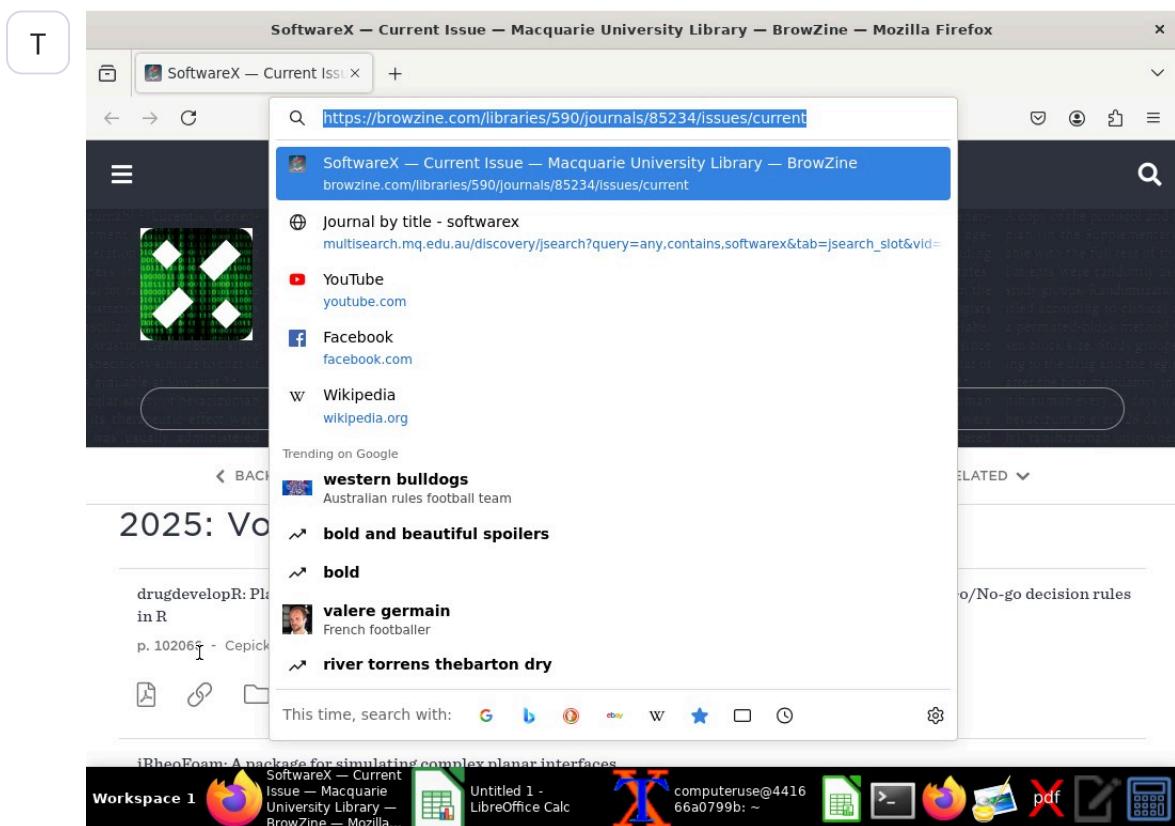
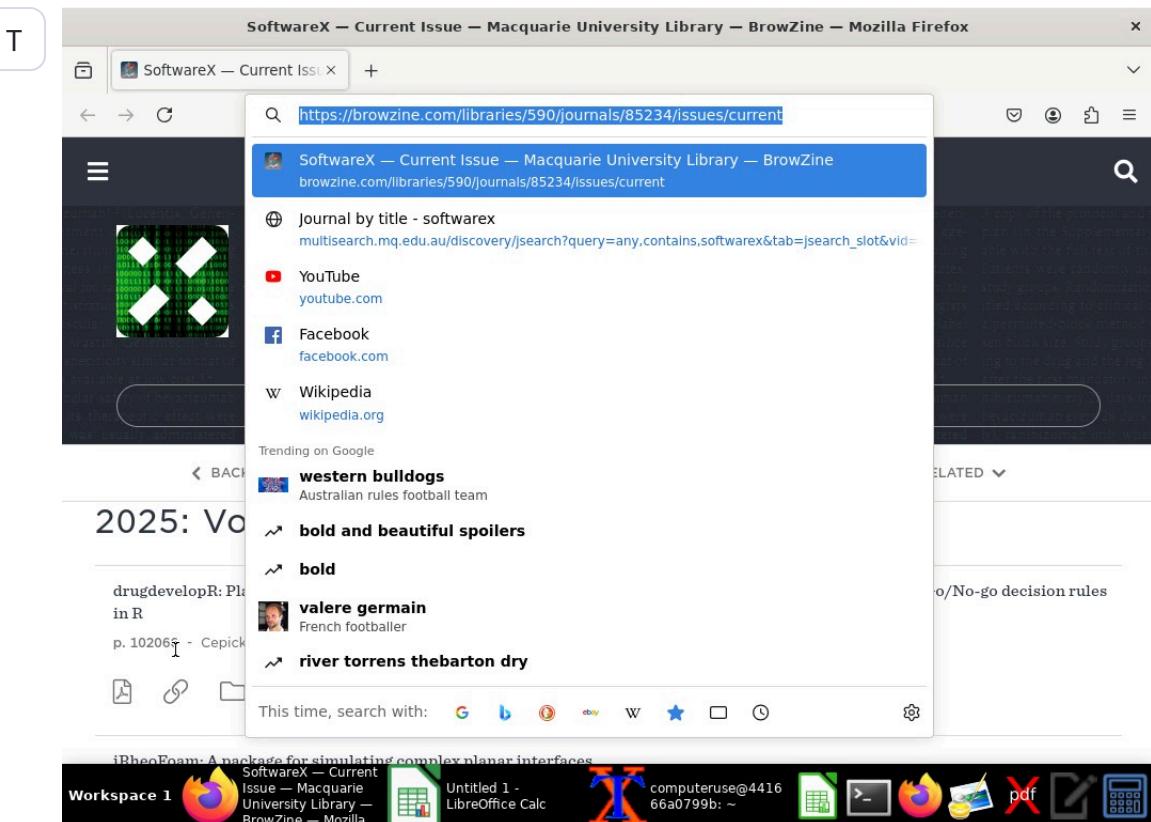
Input: {'command': 'DISPLAY=:1 xclip -o -selection clipboard'}



<https://browzine.com/libraries/590/articles/651513522>



Let me scroll down a bit more to see the second article clearly:



Type a message to send to Claude to control the computer...

