



Starting October 2010, Tracker Software Products will begin distributing an exciting new newsletter of Tips & Tricks each month. As our products are feature rich and provide a wider range of functionality, new and existing users may miss enhancements, new methods or shortcuts that will increase workflow efficiency of our product range. Each month a new product will be featured and if you have any suggestions for the Tips & Tricks Newsletter please email us at sales@tracker-software.com.

This Month's Tips & Tricks Topic: Page Extraction using PDF-XChange Viewer (licensed)



PDF-XChange Viewer (licensed) allows you extract pages from a PDF document and create a new document with the extracted pages. This can be done in one of 3 ways:

- 1) [Using the menu item Extract Pages...](#)
- 2) [Using the thumbnails view in the Page Pane](#)
- 3) [Using JavaScript code in the JavaScript Console window](#)

Note: These instructions are for the Viewer standalone program not the Web browser plugins, which will replace the current PDF document with the pages selected for extraction. For the same results save the PDF to you local machine and open it in the Viewer prior to attempting these steps.

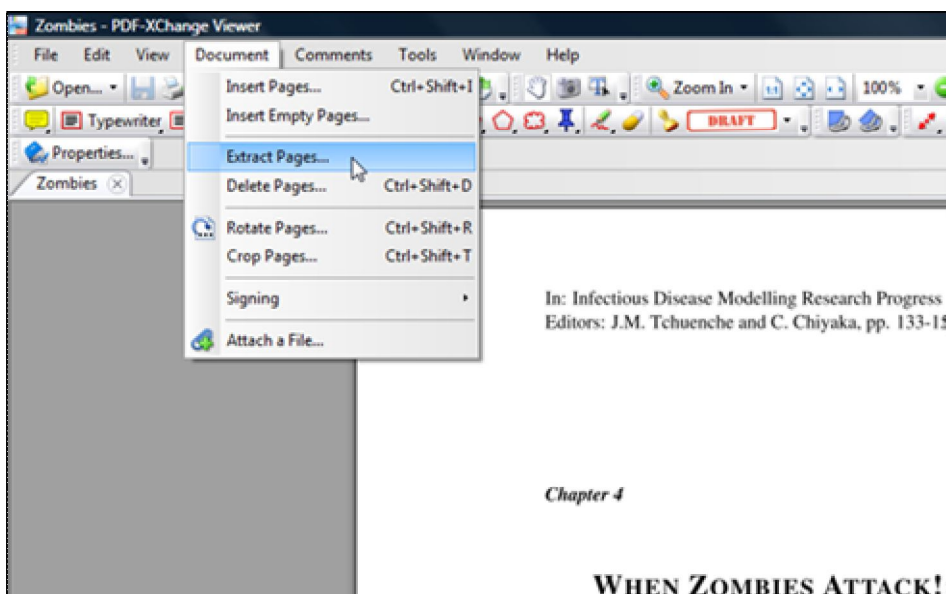
Method 1: Using the Menu item Extract Pages...

STEP 1 Open PDF

With the document that contains the pages you want to extract open, click the menu item:

Document->Extract Pages...

This will display the Extract Pages... Dialog Box.



STEP 2

Select your page range

All - for all pages

Current Page - selects the page currently displayed in the Viewer window.

Pages - allows the user to type page numbers and/or page ranges separated by commas counting from the start of the document that will make up the pages you want to extract from the document. For example: 1,3,5-9,12

Apply To options: (All Pages, Even Pages Only, Odd Pages Only) filters the range you've selected above further to include all the pages in your range, only the even pages or just the odd pages from within the range you've selected.

Extract Pages

Page Range

☐ All

☐ Selected Pages

☐ Current Page

☒ Pages: (total 18 pages)

Type page numbers and/or page ranges separated by commas counting from the start of the document. For example, type 1, 3, 5-12

Apply To:

Summary: 3 selected of 18 pages

Options

☒ Delete Pages After Extraction

☐ Extract Pages As Separate Files

Save As

Destination folder:

File name:

STEP 3

Select Extraction Options

Delete Pages After Extraction - allows user to set whether the extracted pages are deleted from the original document after extracted.

Extract Pages As Separate Files - when checked each page will be extracted as a separate PDF file and saved to a directory specified below in the Destination Folder. By default, if this option is not checked the new PDF will be created in the Viewer but not saved.

File name - Allows user to set auto-naming macros to give each extracted file a unique name, in this example the resulting files will be named zombie_page1, zombie_page2, etc.

Extract Pages

Page Range

☐ All

☐ Selected Pages

☐ Current Page

☒ Pages: (total 18 pages)

Type page numbers and/or page ranges separated by commas counting from the start of the document. For example, type 1, 3, 5-12

Apply To:

Summary: 3 selected of 18 pages

Options

☐ Delete Pages After Extraction

☒ Extract Pages As Separate Files

Save As

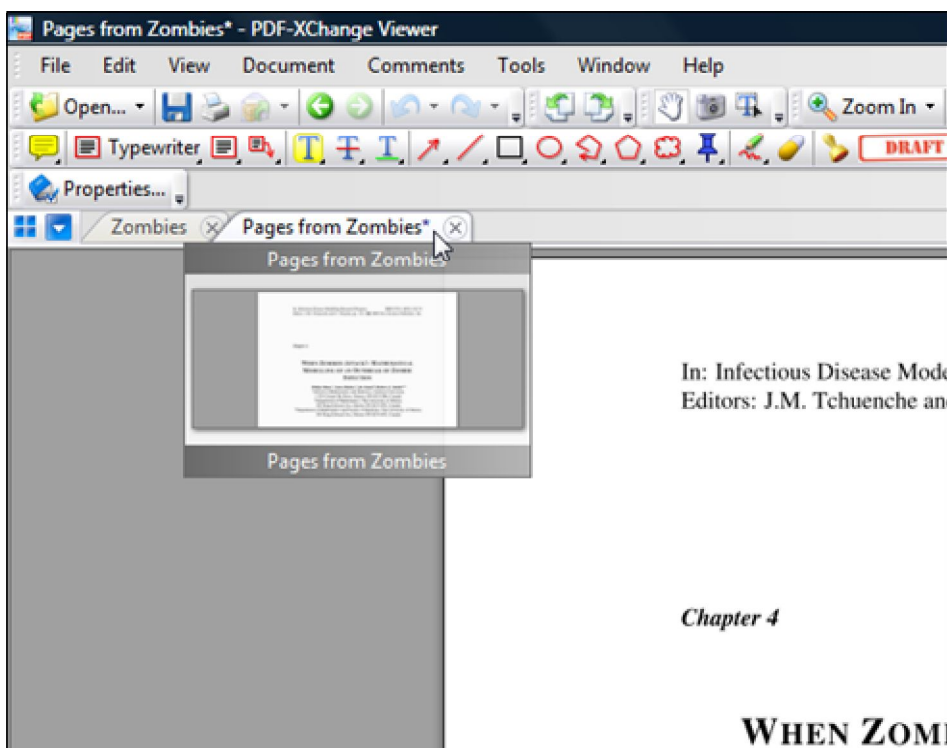
Destination folder:

File name:

STEP 4 Process the Extraction

Once you are content with the options you have setup. Click the OK button to extract your pages. If you have checked Extract pages as separate files each page will be saved to the destination folder and named using the naming convention you chose. And all will then be displayed in the Viewer on separate tabs.

If you did not check Extract pages as separate files then the full range of pages will be created and displayed in the viewer in one PDF, but not saved to the hard drive. Noted by the " * " .



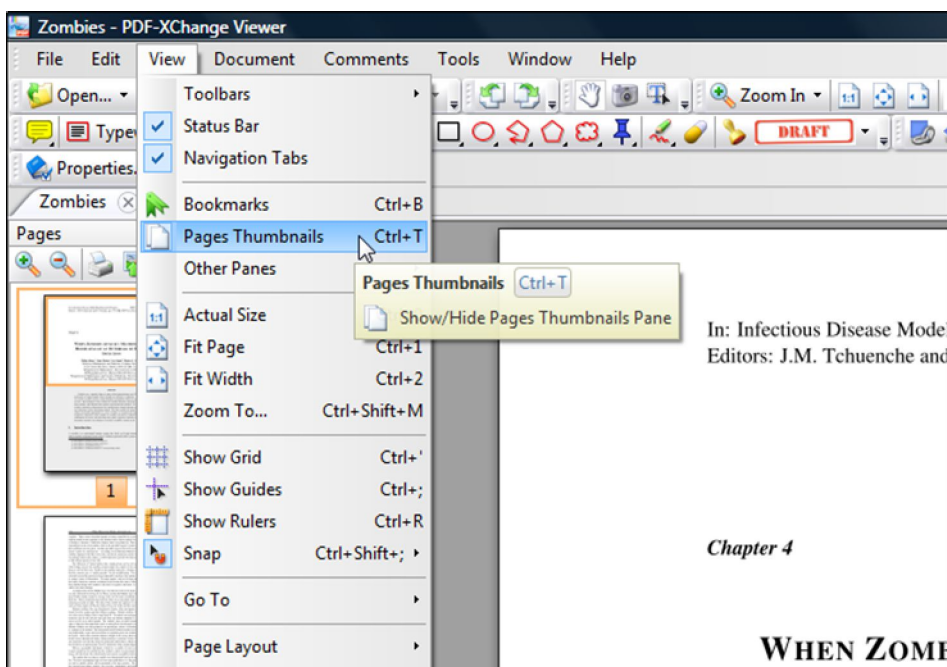
Method 2: Using the thumbnails view in the page pane

STEP 1 Open PDF

With the document that contains the pages you want to extract open, click the menu item:

View->Pages Thumbnails or
Shortcut key [Ctrl]+[T]

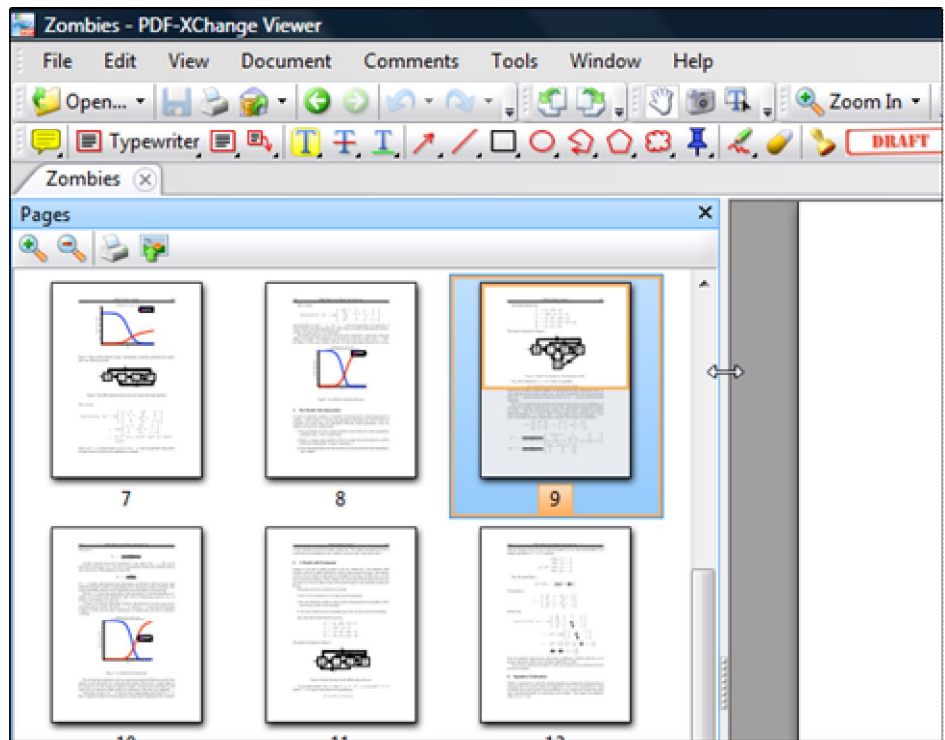
This will show the Pages Pane on the left side of the document, and displays thumbnail images of all the pages in the document.



STEP 2

Expand the Pages Pane

Move the mouse to the thin bar to the right of the Pages Pane Scroll bar and the mouse cursor will change to the double sided arrow. Holding the left mouse button down pull the border of the pages pane to the right until you can see the amount of pages you want to once. This will help you visually identify the pages you would like to extract from the document

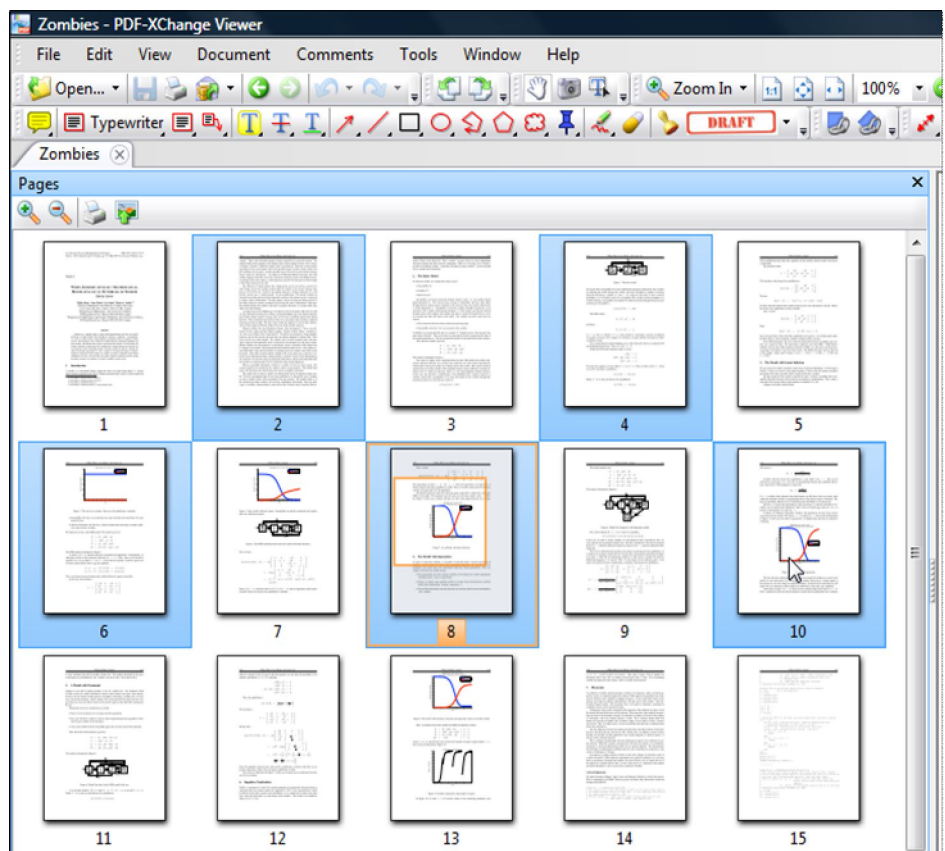


STEP 3

Select The Pages To Extract

Click the thumbnail of the first page you want to select. Then holding down the [Ctrl] key on the keyboard, you can start clicking the other pages you want to extract as well. Click a page twice to remove it from the selected pages. In the image I've selected pages 2,4,6,8 and 10.

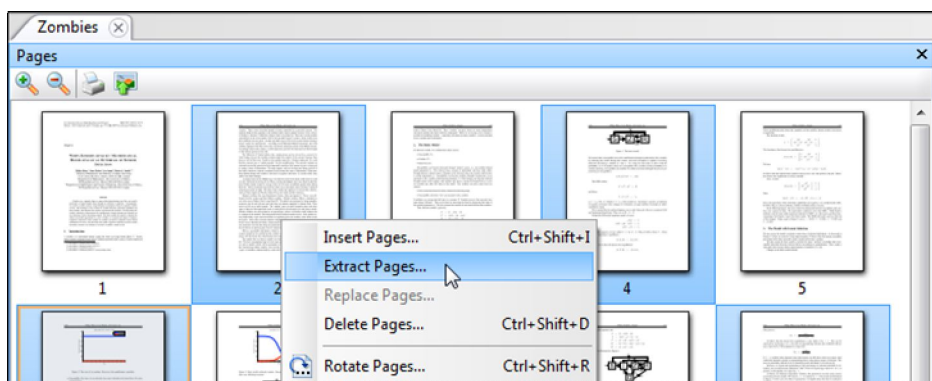
If you want a selection of consecutive pages you can also use the [Shift] key, click the first page of the page set and then hold down the [Shift] key and click the last page in the set of pages you want. For pages 5-9. Click page 5 hold [Shift] and then click page 9.



STEP 4

Select Extract Pages...

Now right-click any of the selected pages and choose Extract Pages...



STEP 5

Select Extraction Options

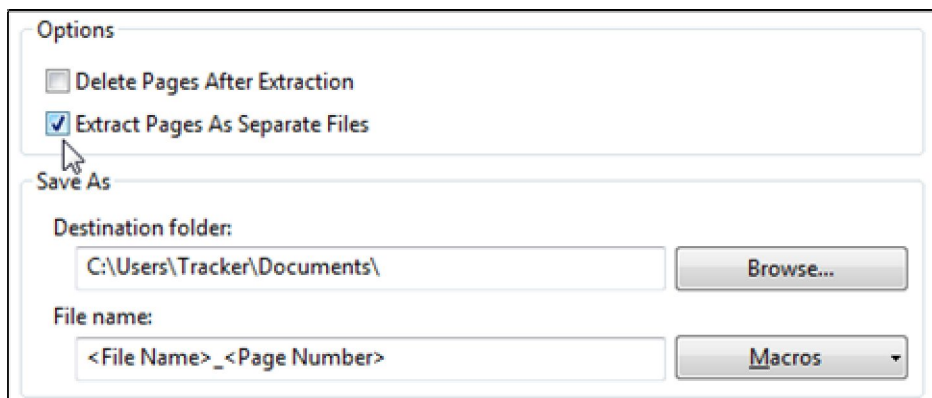
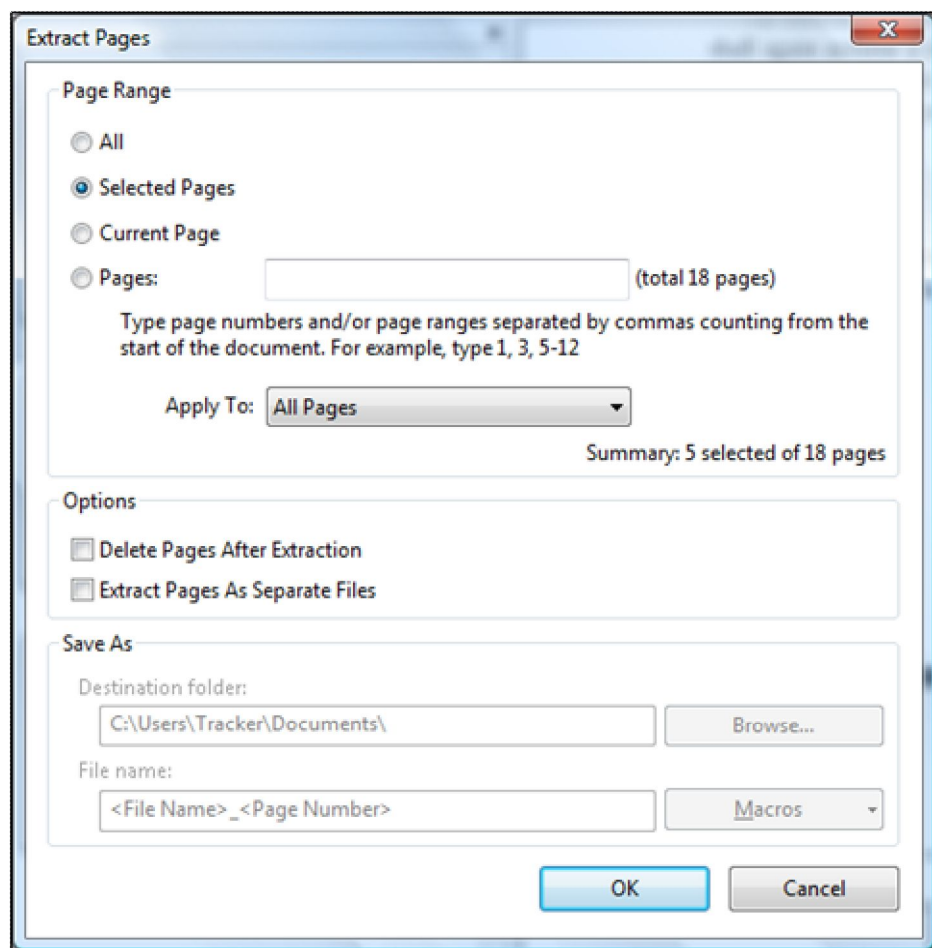
Since you have already selected the pages you want to extract, the Extract Pages Dialog Box already has Selected Pages checked.

Apply To options: (All Pages, Even Pages Only, Odd Pages Only) filters the range you've selected further to include all the pages in your range, only the even pages or just the odd pages from within the range you've selected.

Delete Pages After Extraction - allows user to set whether the extracted pages are deleted from the original document after extracted.

Extract Pages As Separate Files - when checked each page will be extracted as a separate PDF file and saved to a directory specified below in the Destination Folder. By default, if this option is not checked the new PDF will be created in the Viewer but not saved.

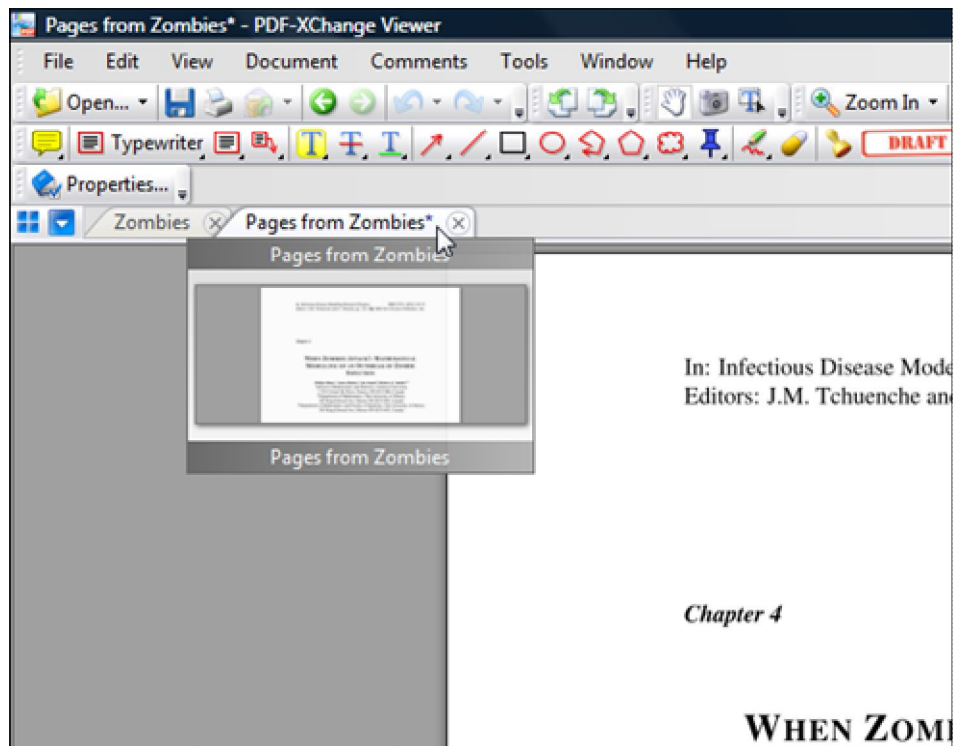
File name - Allows user to set auto-naming macros to give each extracted file a unique name, in this example the resulting PDF documents will be named zombie_page2, zombie_page4, etc. and be saved to the destination folder but not displayed in the viewer.



STEP 6 Process the Extraction

Once you are content with the options you have setup. Click the OK button to extract your pages. If you have checked Extract pages as separate files each page will be saved to the destination folder and named using the naming convention you chose, but will not be displayed in the Viewer.

If you did not check Extract pages as separate files then the full range of pages will be created and displayed in the viewer in one PDF, but not saved to the hard drive. Noted by the "*".



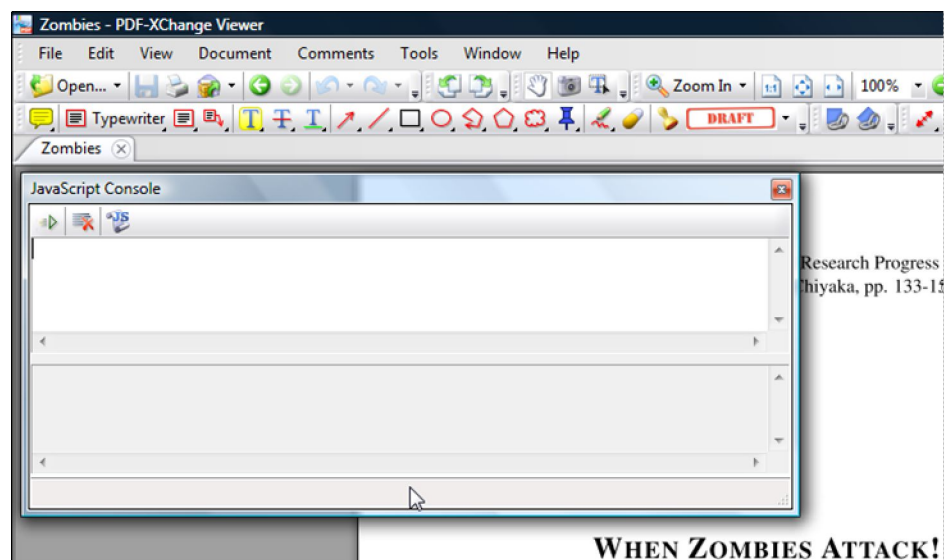
Method 3: Using JavaScript code in the JavaScript Console window

This method is really fast way to extract pages to a new tab in the viewer. One initial draw back is that the default script included in the engine is defined by the PDF Specification and starts the page numbering at 0 which is a little inconvenient. In Version 2.50 of the Viewer, scheduled for release within the next month, is the ability to store custom Scripts in the Viewer and load them on Viewer start up. So I will provide a script for this Method that you can copy and paste in to the stored scripts section when v2.50 is released which will correct the page numbering. If you have a lot of pages to extract for many documents you can employ the custom script now in the current version, but will need to paste it into the JavaScript engine window before using it every time you start the Viewer.

STEP 1 Open PDF

With the document that contains the pages you want to extract open.

Then use the shortcut key [Ctrl]+[J] to open the JavaScript Console



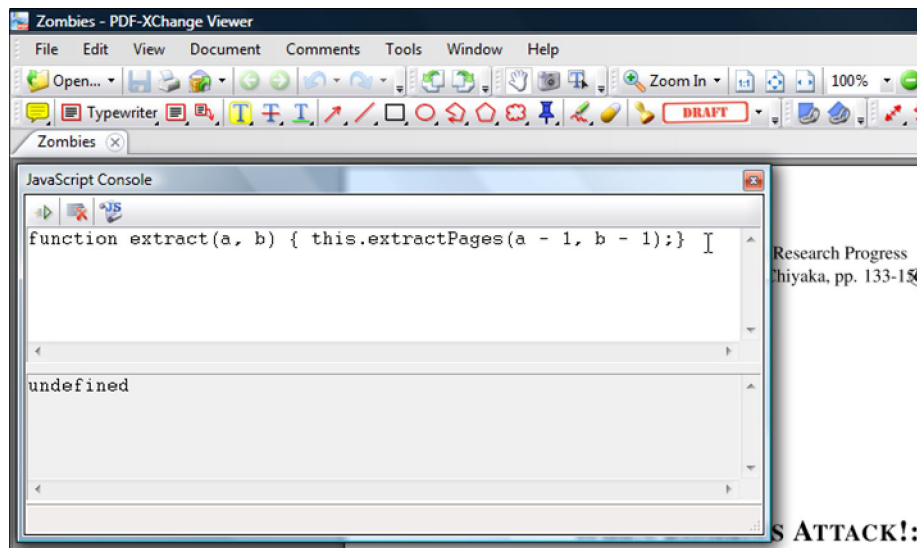
STEP 2

Define the JavaScript Function

Copy the JavaScript function to the right and paste it in the Java Console. Then with the cursor at the end of the script line, use [Ctrl]+[Enter] or click the Run Script button (green arrow). This will enter the script into the engine as long as this instance of the viewer is running. If you close the viewer at any point you must complete steps 1 & 2 again to use the script. The script will return "undefined" in the bottom window and now can be used as follows.

Copy & paste this code into the Java Console:

```
function extract(a, b) { this.extractPages(a - 1, b - 1);}
```



STEP 3

Run the script

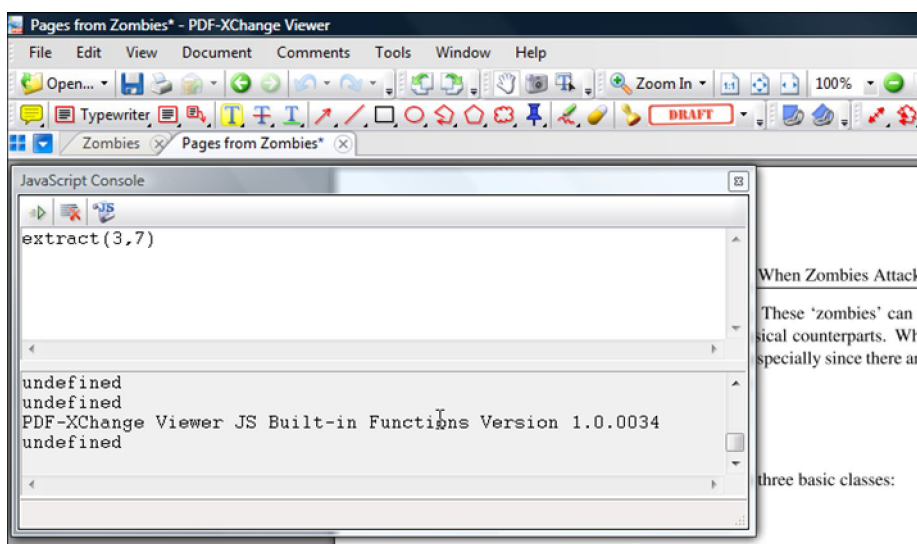
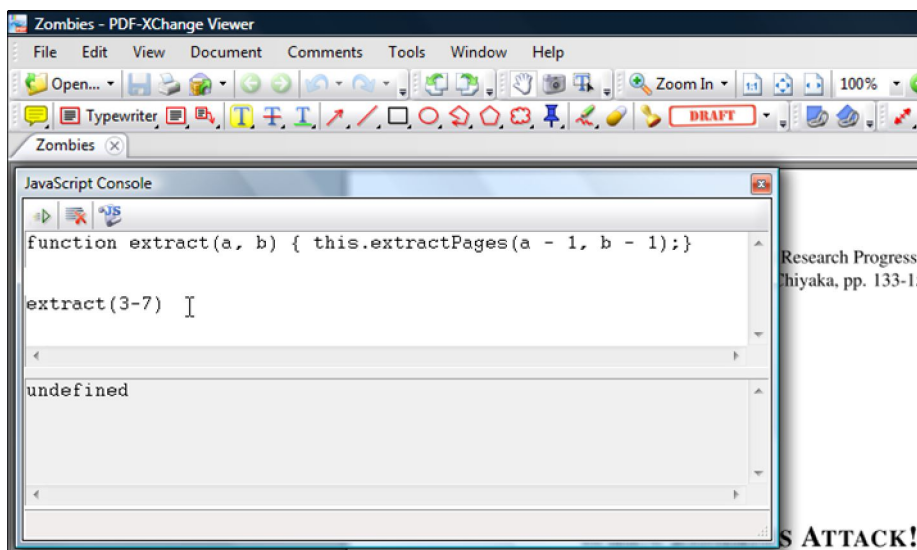
Now that the script is in the engine you can use it as many times as you want, until you close the Viewer. Type the following command in the Console:

```
extract(a,b)
```

Where a is the first page to extract and b is the end page of the range to extract. So if you want to extract a single page, a and b will be the same, to extract page 5 use: `extract(5,5)`

For pages 3-7 use: `extract(3,7)`

After typing in the function call with the range you want use [Ctrl]+[Enter] or the Run Script button to run the script. The result will be a new tabbed document of just the pages you've extracted called 'Pages from "whatever the filename is"'. In this case 'Pages from Zombies'. You can open other documents in this instance of the viewer and continue using the script if you choose.





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A graphic showing colorful puzzle pieces (red, green, blue) on a background of blurred code text like "data", "connection", and "ent".

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Two software boxes: a blue one for "PDF XChange SDK" and a green one for "IMAGE XChange SDK", both with the Tracker logo.

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