

IPTCViewer

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Manual

1.Introduction

- 1.1. What is it:** IPTCViewer is a small MacOSX application for viewing IPTC-NAA image metadata in JPEG, TIFF, EPS and native Photoshop files, for people working in Adobe Indesign. IPTCViewer puts up a small window that displays IPTC data contained in the currently selected image. It also allows easy, automatic creation of freely configurable captions and photo bylines in Indesign.
- 1.2. Who is it for:** Print-media people who handle a lot of photo agency material on a daily basis, and who work in Indesign on MacOSX. If you're doing layouts on a daily or weekly newspaper, using JPEG, TIFF, EPS or native Photoshop files, IPTCViewer is for you.
- 1.3. How much does it cost:** IPTCViewer is shareware, free for single users (such as individual freelancers) and small companies. Organisations of more than 5 employees are required to purchase licenses for \$35 per installation. Payment through PayPal (www.paypal.com), account joakim.braun@jfbraun.com.

2.Installation

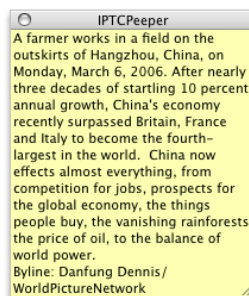
- 2.1.** Copy the IPTCViewer.app file to any location on your hard disk.

3. Concepts

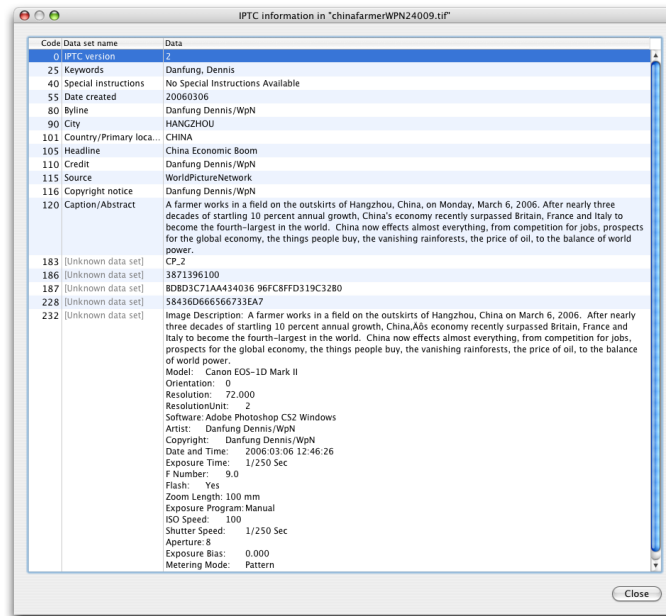
- 3.1. IPTC data:** Image metadata, such as photographer and source names and image motive keywords, in formats defined by the International Press and Telecommunications Council (IPTC). There is the older IPTC-NAA Information Interchange Model format (IIM, see www.iptc.org/IIM) and Adobe's newer XML-based Extensible Metadata Platform data format (XMP, see www.adobe.com/products/xmp). There are also standards for mapping the old IIM data format to the new XMP format.
- 3.2. IPTC panel:** A floating window that IPTCViewer puts up, which displays a few IPTC fields from the image currently selected in InDesign, as well as a photo caption and byline assembled from the IPTC information according to the settings. **See page 6.**



- 3.3. IPTC Peeper:** A very small, unobtrusive floating window that displays selected IPTC information and resizes itself to occupy as little screen real estate as possible. **See page 8.**



3.4. IPTC dialog: A window that shows all IPTC information contained in the selected image. **See page 9.**



3.5. Text definitions: A set of instructions that tell IPTCViewer how to assemble byline and caption text from IPTC data, and how to position and format the text boxes in Indesign. There is one set of text definitions for bylines, and one set for captions. **See page 13.**

4. Getting started: An IPTCViewer demo

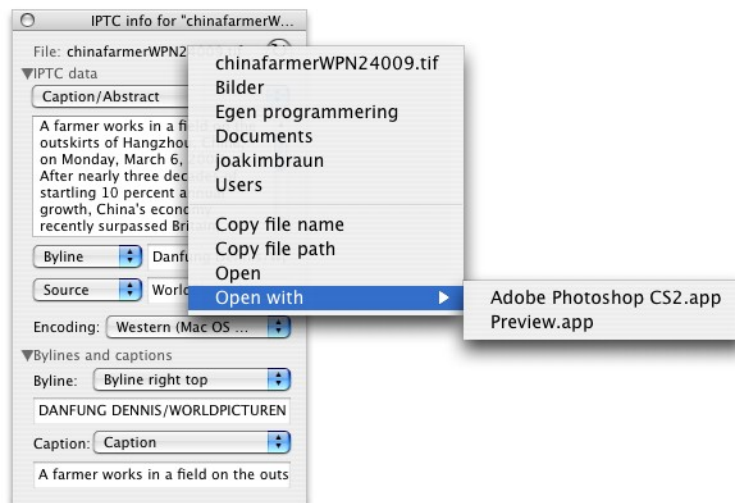
- 4.1. Start IPTCViewer.app by double-clicking it. It will put up a "status item" icon in the menu bar. Click and select **Preferences...** in the menu.
- 4.2. Tell IPTCViewer which Indesign instance to talk to by selecting an entry from the **Indesign instance** popup button at top left in the **General** tab. (The button lists all Indesign versions installed on your computer. Select the one you usually work with.) **For more information about the preferences, see page 10.**
- 4.3. Click the **Byline definitions** tab. Create a new byline definition by clicking the **+** button at the bottom of the list. Rename it by changing the name in the **Display name** field.
- 4.4. Select an IPTC field to show in the popup button at top right in the **Text content** box.
- 4.5. Enter the name of your Indesign byline paragraph style in the **Paragraph style name** field.
- 4.6. Click the **Caption definitions** tab and create a new caption definition, using the "Caption" IPTC field and the Indesign paragraph style used for captions.
- 4.7. Close the preferences dialog by clicking the **OK** button.
- 4.8. Open your Indesign document containing these paragraph styles. Place a JPG, EPS, Photoshop or TIFF image with plenty of IPTC information - such as a syndicated agency photo. Make sure it stays selected.
- 4.9. Select **Show IPTC panel** in the IPTCViewer status menu. The IPTC panel will show up. Select your newly created byline and caption definitions in the **Bylines and captions** section. The text fields should show the respective IPTC field contents.
- 4.10. Select **All IPTC information...** in the IPTCViewer status menu. A dialog will pop up, displaying all IPTC fields contained in the selected image.
- 4.11. Select from the **Make byline** or **Make caption** submenus in the IPTCViewer menu. IPTCViewer should create a text frame at the edge of the selected picture frame, fill it with the IPTC data from the respective field and format it using the paragraph style that you entered in the preferences dialog.
- 4.12. Select **Show IPTC Peeper** in the IPTCViewer status menu. Notice how the contents of it (and the IPTC panel) change with your Indesign image selection.

5.The IPTC panel

The IPTC panel is a floating window that looks like this:



5.1. File name: The name of the currently selected Indesign image file. Context-clicking brings up a context menu that looks like this:



The top part of the context menu is the file path - clicking any component will reveal it in Finder (which has some issues about revealing deeply nested files, but clicking the path component twice will do it). At the bottom, the applications listed in the **Open with** submenu are user-configurable (in the **IPTC panel/peeper** tab of the preferences).

5.2. Refresh button: Clicking this will force a reparse of the image file, regardless of cache.

5.3. Popup button with text field: The button lists all IPTC fields, the text field shows the corresponding contents.

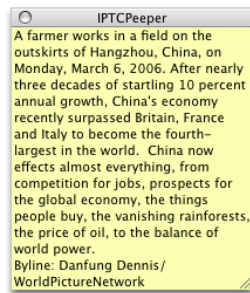
5.4. Ditto.

5.5. Ditto.

- 5.6. Text encoding:** The text encoding of the IPTC data. Try changing this if you get "funny characters". The button lists either all available text encodings, or a user-configurable subset (see the **IPTC panel/peeper** tab of the preferences). Context-clicking in the IPTC panel window background will bring up a context menu allowing you to show/hide this button.
- 5.7. Byline:** The button lists all byline text definitions (see the **Byline defintions** tab of the preferences). The text field shows the corresponding generated text.
- 5.8.** Ditto, but for caption definitions.

6.The IPTC peeper

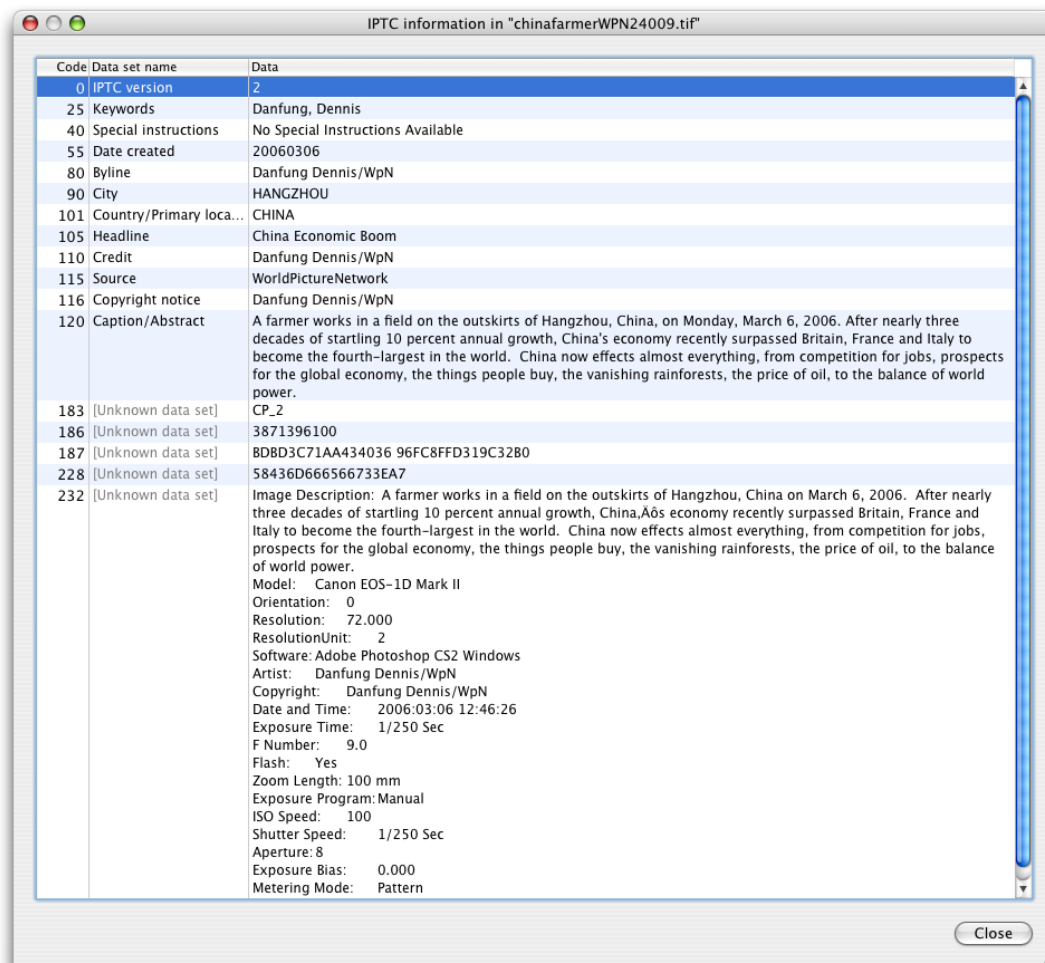
6.1. The IPTC peeper is just a little floating window that looks like this:



The text displayed is assembled by the text definition selected in the **IPTC panel/peeper** preferences. It's usually a good idea to create a special definition for the IPTCPeeper text. This way, IPTCPeeper may display both a caption and formatted byline.

7.The IPTC dialog

7.1. The IPTC dialog is a window displaying all IPTC information contained in the selected picture. It looks like this:

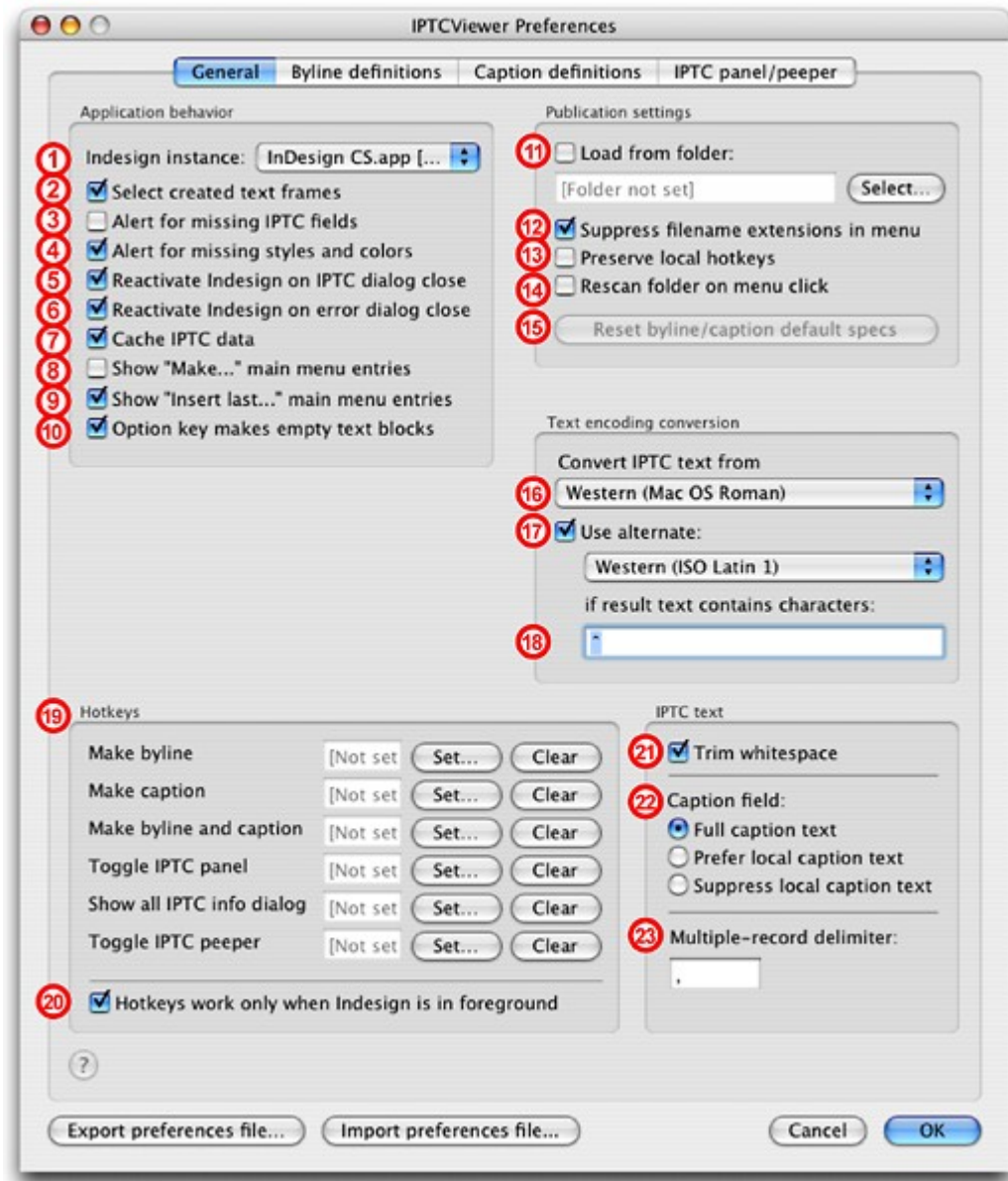


The IPTC dialog is shown by selecting the **All IPTC information...** menu command, or by clicking the **All IPTC info...** button in the IPTC panel (if visible).

Copy selected data or selected table rows by context-clicking on the table.

8.The preferences dialog

8.1. Preferences: The "General" tab:



8.1.1 Indesign instance: Which of the installed Indesign versions that IPTCViewer should attempt to communicate with. The button lists all installed Indesign versions. Select the one that you typically use. The **Whichever is running** option will try to talk to the first running Indesign instance in the system's process list, the ordering of which is unpredictable. (This means that if you have several versions of Indesign up and running, IPTCViewer will talk to one of them only).

8.1.2 Select created text frames: Select text frames that IPTCViewer creates in Indesign. If unchecked, the Indesign selection remains unchanged.


8.1.3 Alert for missing IPTC fields: Show an error message if IPTC fields that are required

to assemble byline or caption text are missing from the image. This can be annoying, so you'll probably want this unchecked.

8.1.4 Alert for missing styles and colors: Byline and caption definitions can be set to format generated text with an Indesign paragraph style sheet and a named color swatch. If any of these are missing from the Indesign document, checking this setting will inform you about it.

8.1.5 Reactivate Indesign on IPTC dialog close: In order to show non-floating windows such as the IPTC dialog, IPTCViewer has to activate itself (make itself the frontmost application). This removes focus from whatever was the front application - its windows are deactivated. Focus is not normally reset to the formerly frontmost application once the IPTCViewer window is closed, but if this setting is checked, Indesign will be reactivated if it was the frontmost application when the IPTC dialog was shown.

8.1.6 Reactivate Indesign on error dialog close: Same as above, but with regard to the showing of error messages: Indesign will be reactivated if it was the frontmost application when the IPTCViewer error message was shown.

8.1.7 Cache IPTC data: In order to access IPTC information, IPTCViewer has to potentially read and parse multi-megabyte files. This requires time and network capacity. Caching the data means that IPTCViewer only parses each picture once per session. It also means that if the IPTC information in the picture is changed, IPTCViewer won't reflect that, as it accesses the old, cached data. You can still force a reparse by clicking the  button in the IPTC panel.

8.1.8 Show "Make..." main menu entries: Whether to show the **Make byline**, **Make caption** and **Make byline and caption** menu entries. Some people prefer to access the text definition directly from the submenus and want to reduce user interface clutter.

8.1.9 Show "Insert last..." main menu entries: Whether to show the **Insert last byline** and **Insert last caption** menu entries. These insert whatever was the last generated byline or caption text into the selected text frame in Indesign.

8.1.10 Option key makes empty text blocks: Holding down the option key while triggering a byline or caption creates an empty text block (at the location specified by the text definition) instead of filling it with byline or caption text. Useful if you want a quick way to, say, create caption text boxes at a specified distance from a selected image.

8.1.11 Publication settings: Publication settings are a way of managing sets of byline and caption specifications. This is useful if you regularly work on, say, several magazine products, with differently named style sheets and so on. Each set consists of an exported setting file (you edit your local settings, then export them with the **Export preferences file** button). Rename the publication setting files to whatever you like and store them in a folder. Check **Load from folder** and select the folder with the setting files. In the main menu, a **Publication** menu item will now show up with a submenu listing all the files in the folder. Upon selection, the corresponding byline and caption definitions are loaded from the setting file. - This is also a good way to manage centrally stored byline and caption settings.

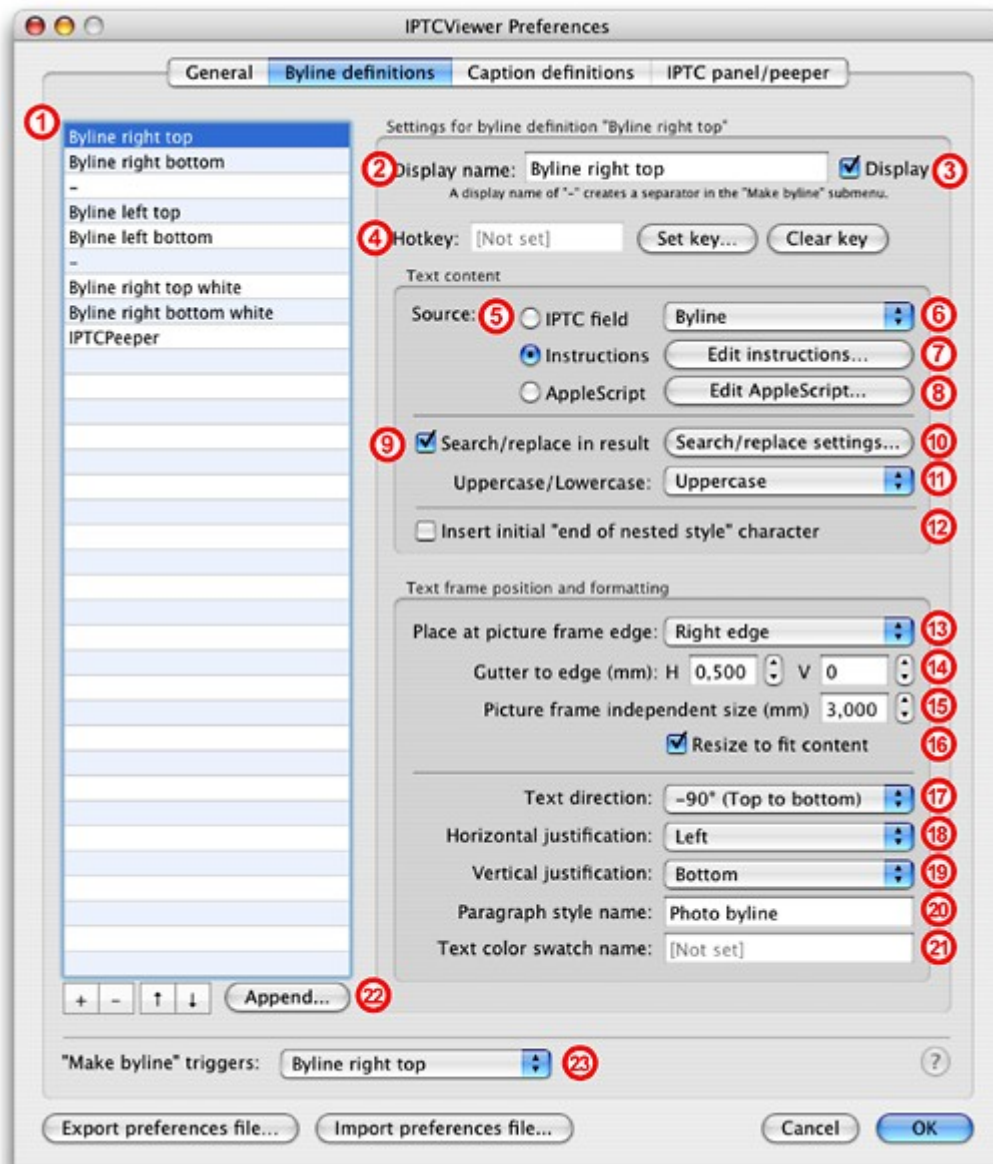
8.1.12 Suppress filename extensions in menu: Check to show file names of publication setting files without filename extensions. "New York Times.iptc" becomes "New York Times".

8.1.13 Preserve local hotkeys: Loading byline and caption definitions from a publication setting file would normally activate the keyboard shortcuts (hotkeys) in that file. It might be more convenient to retain the hotkey for, say, a byline text definition named "Byline" regardless of where it's stored. If this setting is checked, locally defined hotkeys will

override hotkeys defined in a publication settings file if the text definitions have the same name. So your local "Byline" hotkey will still trigger a "Byline" text definition contained in a loaded publication setting file.

- 8.1.14 Rescan folder on menu click:** If checked, the publication settings folder is rescanned every time you click the menu, so that changes to the folder (like adding, removing or renaming setting files) are reflected "live". (If unchecked, folder is scanned once on IPTCViewer startup, and you get an error message if settings files have since disappeared or been rebaptised).
- 8.1.15 Reset byline/caption default specs:** When loading and using a publication setting file, you will be asked which text definitions should be triggered by the **Make byline** and **Make caption** menu commands. Your choices will be stored in the preferences file, so that you won't have to reset them each time you use IPTCViewer. Clicking the button clears your preset cache.
- 8.1.16 Text encoding conversion:** IPTC text may be stored in a variety of text encodings - the character that a given byte encodes depends on which text encoding is assumed. If you get "funny characters" (typically in non-English IPTC text context), this lets you adjust the conversion. "Western (ISO Latin 1)" is a typical encoding for material generated on Windows platforms.
- 8.1.17 Use alternate:** If the conversion from the first text encoding yields any of the "garbage characters" entered in the text field at **18**, IPTCViewer will use the alternate text encoding. Typically, a workflow would contain material with one or two text encodings only, so this is useful to have IPTCViewer select the appropriate encoding automatically.
- 8.1.18** The garbage characters that should trigger the alternate text encoding.
- 8.1.19 Hotkeys:** These hotkeys (keyboard shortcuts) trigger various IPTCViewer actions.
- 8.1.20 Hotkeys work only when Indesign is in the foreground:** If checked, hotkeys won't work unless Indesign is in the foreground. Typically, you'll want this checked.
- 8.1.21 Trim whitespace:** Whether to remove leading and trailing whitespace characters from generated text. Typically, you'll want this checked.
- 8.1.22 Caption field:** Photo agencies syndicating foreign material will sometimes slap on captions in their local language in the IPTC caption field (120). This caption is separated from the original foreign-language text by the string "****LOCAL CAPTION****". This setting lets you decide what to do: Prefer the original caption, prefer the local caption or just display the caption field data as is.
- 8.1.23 Multiple-record delimiter:** Some IPTC fields are "repeatable records" - lists consisting of several items. This setting lets you decide how to display such fields. Typically, you'd want to enter just a plain comma-space here.

8.2. Preferences: The "Byline definitions" tab:



- 8.2.1** List of **byline definitions**. These show up in the **Make byline** submenu and in the **Byline** button in the IPTC panel. Click the **+** button at bottom to create a new definition. Context-clicking gives you the option of duplicating an existing definition.
- 8.2.2** **Display name**: Entering "-" (hyphen) here creates a dividing line in the **Make byline** submenu.
- 8.2.3** **Display**: Whether to display this definition or not. Not displaying it makes sense if you're not done editing it, or if it refers to the IPTC Peeper text.
- 8.2.4** **Hotkey**: The hotkey (keyboard shortcut) that triggers this text definition. Note that the **Make byline** hotkey set in the **General** tab refers to the text definition selected at **23**.
- 8.2.5** **Source**: How text is generated. Either through the contents of a single IPTC field, or through a set of instructions (see page 18), or through an AppleScript that you write. The idea here is to provide flexibility enough for almost any need.

- 8.2.6** This button selects the IPTC field to use if Source is set to **IPTC field**.
- 8.2.7** Click to show the text instruction editor (**see page 18**).
- 8.2.8** Click to show the AppleScript editor (**see page 20**).
- 8.2.9 Search/replace in result:** This enables execution of a set of search/replace operations. If there is some text or letter combination in the assembled text that you'd like to change or remove, here's where you do it.
- 8.2.10** Click to edit the list of search/replace operations.
- 8.2.11 Uppercase/lowercase:** This lets you change the case of the generated text. Useful if your Indesign style sheets aren't up to snuff.
- 8.2.12 Insert initial "End of nested style" character:** If you don't understand what this means, leave it unchecked.
- 8.2.13 Place at picture frame edge:** How the Indesign text frame should be positioned relative to the selected picture frame.
- 8.2.14 Gutter to edge:** The horizontal and vertical spacing, in millimeters, between the text frame and the picture frame. Exactly how this works depends on the position of the text frame relative to the picture frame edge. **Example:** Text frame is placed at **Bottom edge** of picture frame and gutter to edge is **H:0,5** and **V:1,0**. In this case, the text frame is placed below the picture frame, with a 1 millimeter gap between the bottom of the picture frame and the top of the text frame, and a 0,5 millimeter inset between the left edge of the picture frame and the left edge of the text frame.
- 8.2.15 Picture frame independent size:** Either the height or the width of the text frame is dependent on the picture frame's height or width: If placed below the picture frame, the text frame width (before gutter to edge) will equal the picture frame width, and if placed to the right of the picture frame, the text frame height will equal the picture frame height. This setting is for the other dimension. **Example:** If we place the text frame at **Bottom edge** of the picture frame, a setting here of **30** will result in a text frame height of 30 millimeters. (If the text frame was placed at **Right edge**, it would have resulted in a text frame *width* of 30 millimeters).
- 8.2.16 Resize to fit content:** Resize the text frame to fit the generated text.
- 8.2.17 Text direction:** The orientation of the text flow (actually, the text frame).
- 8.2.18 Horizontal justification:** The justification of the paragraph(s) containing the generated text, overriding the applied Indesign paragraph style.
- 8.2.19 Vertical justification:** The vertical justification of the text in the text frame. Note that **Text direction** changes the orientation of the text frame, so if Text direction is **90 (Top to bottom)**, and vertical justification is **Bottom**, text will be flush to the *left* edge of the text frame.
- 8.2.20 Paragraph style name:** The name of the Indesign paragraph style that should be applied to the generated text. Leave empty if you want to apply the default style.
- 8.2.21 Text color swatch name:** The name of the Indesign color swatch that should be applied to the generated text, overriding color settings in the applied paragraph (or character) style. Leave empty if you want to apply the color swatch in whatever is the default style.

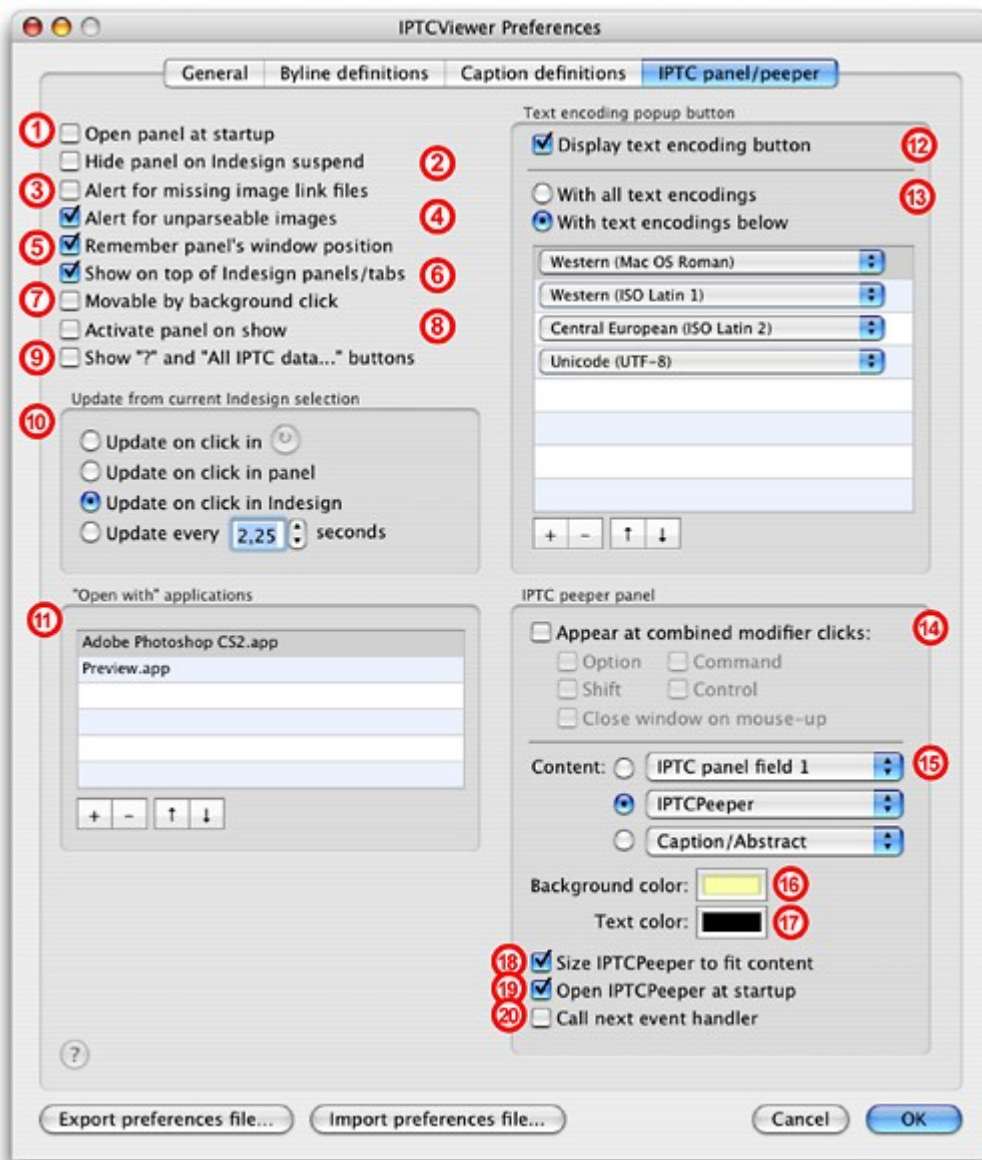
8.2.22 Append: Append byline styles from a publication setting file (Exported with the **Export preferences file** button).

8.2.23 "Make byline" triggers: Select the byline definition that should be triggered by the **Make byline** menu command.

8.3. Preferences: The "Caption definitions" tab


8.3.1 This works just like the **Byline definitions** tab. The list entries show up in the **Make caption** submenu.

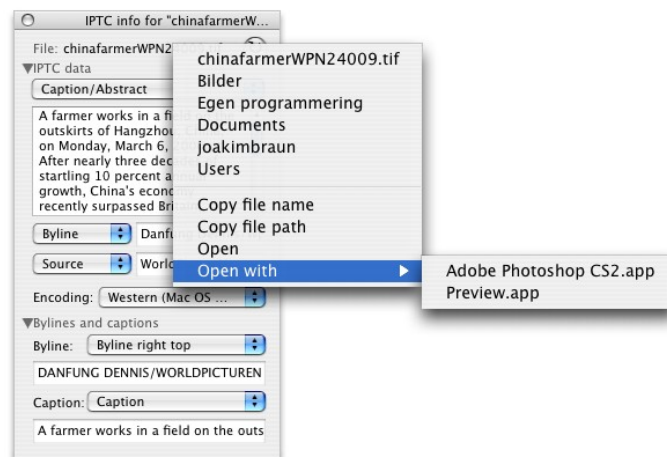
8.4. Preferences: The "IPTCPanel/peeper" tab



8.4.1 Open panel at startup: Whether to open the IPTC panel when IPTCViewer starts.

8.4.2 Hide panel on Indesign suspend: Whether to hide the IPTC panel when Indesign goes into the background. Typically, the IPTC Panel is useful only when working in Indesign, so checking this is recommended.

- 8.4.3 Alert for missing image link files:** Display an error message if Indesign believes a selected linked image file is missing.
- 8.4.4 Alert for unparseable images:** Display an error message if the image or IPTC information can't be parsed.
- 8.4.5 Remember panel's window position:** Remember the position and size of the IPTC palette next time IPTCViewer starts.
- 8.4.6 Show on top of Indesigns panels/tabs:** Whether to have the IPTC panel float above all Indesign user interface elements.
- 8.4.7 Moveable by background click:** If checked, you can move the IPTC panel by clicking in the window background.
- 8.4.8 Activate panel on show:** If checked, the IPTC panel is sent an "activate" event when the "Show" command is selected. This affects display of the panel border (and also removes focus from Indesign user interface elements, which may not be what you want.)
- 8.4.9 Show "?" and "All IPTC data..." buttons:** Show these two buttons at the bottom of the IPTC panel.
- 8.4.10 Update from current Indesign selection:** This setting decides how the IPTC panel (and IPTC peeper window) is updated from the current Indesign selection.
Update on click in : Text updates when refresh button in the IPTC panel is clicked.
Update on click in panel: Text updates whenever the IPTC panel receives a mouse click.
Update on click in Indesign: Text updates whenever Indesign receives a mouse click.
Update every N seconds: Update text periodically.
- 8.4.11 "Open with" applications:** When context-clicking the file name displayed at the top of the IPTC panel, the context menu looks something like this:



The applications listed in the **Open with** submenu are the ones listed here. Add an application by clicking the **+** button at bottom of the list.

- 8.4.12 Display text encoding button:** Whether to display a button listing text encodings in the IPTC panel. The button may be useful, or it may just sit there. This gives you the option of removing it. (its visibility is also toggled by context-clicking in the IPTC panel window background).

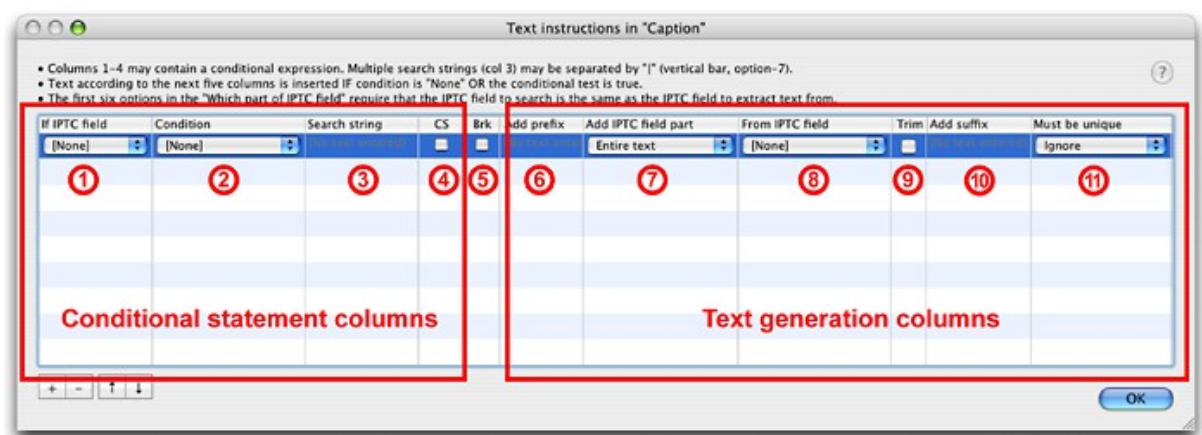
- 8.4.13** Which **text encodings** to display: Clicking the top radio button will give you all installed text encodings (usually an very long list), while the bottom button gives you the chance to assemble your own list of text encodings.
- 8.4.14** The IPTC peeper panel: **Appear at combined modifier clicks:** Checking this will display the IPTC peeper at the click location, when clicking and holding down certain keys.
- 8.4.15** **Content:** What text should be shown in IPTCPeeper.
Option 1: Any of the fields displayed in the IPTC panel.
Option 2: Any of the byline and caption definitions.
Option 3: A single IPTC field.
- 8.4.16** **Background color:** The background color of the IPTCPeeper window.
- 8.4.17** **Text color:** The color of generated text in the IPTCPeeper window.
- 8.4.18** **Size IPTCPeeper to fit content:** Make the IPTCPeeper window size as small as possible while still showing the entire text content.
- 8.4.19** **Open IPCPeeper at startup:** Show the IPTCPeeper window every time IPTCViewer starts up.
- 8.4.20** **Call next event handler:** Experimental nerd setting. Don't ask.

9. Preferences: The text instruction editor

This dialog is used to edit instructions that assemble and modify byline or caption text. Simple conditional branching is possible, so that text is assembled differently depending on the values of individual IPTC fields.

Say your local image supplier ("TheLocalAgency") wants its photo credit to read "Photo: John Smith/TheLocalAgency". However, it provides badly tagged pictures with IPTC byline fields that contain either the photographer's name ("John Smith"), or the photographer's name plus the name of a large international agency ("John Smith/TheBigAgency"). Using the text instruction editor, you can search for the substring "/TheBigAgency", strip it from the field text and assemble byline text that reads, correctly, "John Smith/TheLocalAgency", even though no individual field contained that actual text. *See end of this section for what this setup would look like.*

The text instruction editor looks like this:



Text is accumulated by following the instructions row by row. In columns 1-4, a conditional statement may be defined - if so, text is only generated for that row if the condition is true. Columns 6-11 handle the actual text generation.

- 9.1. If IPTC field:** The IPTC field whose value should be used for the conditional test.
- 9.2. Condition:** What the conditional test is supposed to test. The options are **Is**, **Is not**, **Contains**, **Doesn't contain**, **Starts with**, **Doesn't start with**, **Ends with** and **Doesn't end with**, all referring to the contents of the IPTC field in the first column.
- 9.3. Search string:** What text the conditional test should look for. Several search strings may be entered by separating them with "|" (vertical bar, option-7 on my keyboard).
- 9.4. CS:** Case sensitivity of search.
- 9.5. Brk:** Whether the accumulation of text should cease after this row, if the conditional test was true. (In this way, simple conditional branching - in one level - may be executed).
- 9.6. Add prefix:** An initial text to add before the contents of any IPTC field.
- 9.7. Add IPTC field part:** The part of the IPTC field to add to the text. The options are **Entire text**, **Text before search string**, **Text up to and including search string**, **Search string**, **Text excluding search string**, **Text from search string to end**, **Text after search string**, **First word**, **First 2 words**, **First 3 words**, **First 4 words**, **Last 4 words**, **Last 3 words**, **Last 2 words** and **Last word**.

9.8. From IPTC field: Which IPTC field to use for the text contents.

9.9. Trim: Whether to strip leading and trailing whitespace characters from the resulting text.

9.10. Add suffix: A text to append after the contents of any IPTC field.

9.11. Must be unique: A way to ensure that text components (such as photo agency names) don't occur more than once. The options are:

Ignore: Never mind.

Prefix: The prefix component must not be contained in previously accumulated text

Suffix: The suffix component must not be contained in previously accumulated text

IPTC field value: The unmodified IPTC field value must not be contained in previously accumulated text

Extracted IPTC field value: The part of the IPTC field that's extracted (such as **First 2 words**) must not be contained in previously accumulated text

Entire generated text: The entire generated text for this row must not be contained in previously accumulated text

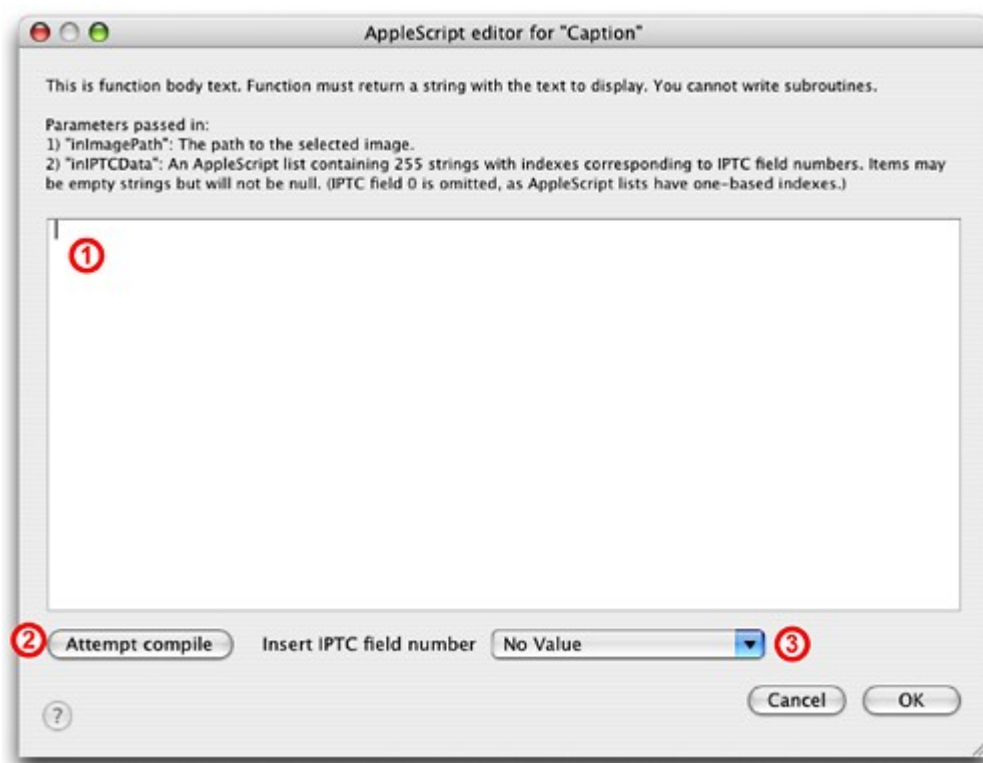
Using the text instruction editor, the example at the start of this section would be set up like this:

- Set the **If IPTC field** button to "Byline".
- Set the **Condition** button to "Contains".
- Enter "/TheBigAgency" in the **Search string** field.
- Uncheck **CS** (case sensitivity).
- Check **Brk** (break if condition is true).
- Enter "Photo: " in the **Prefix** field.
- Set the **Add IPTC field part** button to "Text before search string".
- Set the **From IPTC field** button to "Byline".
- Check **Trim** (to strip trailing whitespace characters).
- Enter "/TheLocalAgency" in the **Suffix** field.
- Set the **Must be unique** button to "Ignore"

*In this way, IPTCViewer checks if the byline field contains the text "/TheBigAgency". If so, it removes that text, and adds "Photo: " to the start and "/TheLocalAgency" to end of the remainder, resulting in the text "Photo: John Smith/TheLocalAgency". Note that if the condition is false, no text is generated - you will have to add an instruction row to deal with that case. Since we checked **Brk**, that second row will only get executed if the condition in the first row was false.*

10.The AppleScript editor

For ultimate flexibility, you can write an AppleScript that returns the byline or caption text. The editor looks like this:



10.1. Coding field: The AppleScript source code entered here is function body text. When used by IPTCViewer, it will be wrapped in a function declaration. This means you can't write subroutines. You are required to end by returning a string, which will be used as the generated text.

Parameters passed in (and available for you to use):

inImagePath: The full path to the selected image.

inIPTCData: The IPTC data contained in the selected image, in the form of an AppleScript list with 255 strings whose indexes correspond to IPTC field numbers. List elements may be empty strings (""), but will not be null. IPTC field 0 is omitted, as AppleScript lists have one-based indexes.

10.2. Attempt compile: Clicking will make IPTCViewer attempt to compile the source code, and show error messages if anything is wrong. This is not a full featured AppleScript editor, so don't expect much!

10.3. Insert IPTC field number: This button will insert the field number for corresponding named IPTC fields.

10.4. Example: Suppose we want to remove the words "undesirable text" from an IPTC caption field (120). We can then write something like this:

```
-- If the caption field (item 120 of the inIPTCData list)
-- contains the string "undesirable text",
-- remove it. Otherwise, return original caption.
```

```
set undesirableText to "undesirable text"
set theCaption to item 120 of inIPTCData
set captionLength to length of theCaption
set substringIndex to offset of undesirableText in theCaption

if (substringIndex > -1) then

    set theCaption to (text 1 thru substringIndex of theCaption) & text from
        (substringIndex + (length of undesirableText)) to (length of theCaption) of
        theCaption

end if

return theCaption
```

(We could accomplish the same thing by using the text definition search/replace functionality.)

11. System requirements

- 11.1.** I have access to Indesign CS and Indesign CS2 on MacOSX 10.4.9 PPC, which has been my testing platform. Not tested on Intel Macs or with CS3.

12. Technical notes

- 12.1.** IPTCViewer extracts information from the APP13 JPEG segment (in JPEG files), the Photoshop IFD in TIFF files and embedded XMP data (by a primitive text search) in EPS files.
- 12.2.** The widely used Fotostation software from Fotoware currently doesn't store metadata directly in EPS files, but caches it somewhere. This means that if you enter metadata in EPS files using Fotostation, the data will not show up in IPTCViewer.
- 12.3.** Since IPTCViewer lacks a menu bar (being an "LSUIElement" application), it will not show up in the Dock's display of open applications or in the "Force quit" window. To force-quit IPTCViewer, you'll have to use the Activity Monitor. (This is a well-known system-level issue with LSUIElement applications, and there's nothing to be done about it.)

13. Acknowledgements

- 13.1.** TinyXML (c) 2000-2002 by Lee Thomason, www.grinninglizard.com, www.sourceforge.net/projects/tinyxml - a very nice package.
- 13.2.** SNDisclosableView (c) 2002 by Kurt Revis, www.snoize.com
- 13.3.** OpenOffice.org

14. Support

- 14.1.** Please e-mail me any questions, suggestions or bug reports: joakim.braun@jfbraun.com. You should normally get a reaction within a day or two.

15. Legal

- 15.1.** You are using IPTCViewer entirely at your own risk, with no express or implied warranties, liabilities or support promises whatever.
- 15.2.** You may not redistribute IPTCViewer for profit. That is, you may not include it in any software collection that you're selling.

16. Version history

- | | | |
|---------------|-----------------|--|
| 0.9.17 | June 30, 2007 | First public release on Versiontracker |
| 0.9.18 | August 11, 2007 | <ul style="list-style-type: none">• Reinserted missing XMP-to-IPTC resource data• Fixed XMP parsing bug• Fixed bad hang in reading of rational numbers in TIFF headers• Fixed bad hang in reading of corrupt/mislabeled APP1 segments |
| 0.9.19 | August 18, 2007 | <ul style="list-style-type: none">• Fixed bug where IPTCViewer would crash if no Indesign app was selected• Fixed embarrassing commented-code bug causing AppleScript text generation to malfunction |

17. Future stuff - maybe, sometime, if I get around to it

17.1. Help buttons and online help.

17.2. User-configurable IPTC palette (number of visible fields etc.).

17.3. Arbitrary number of alternate text encodings.

17.4. Quark XPress support.

17.5. Exif camera data display. Optionally extract IPTC data from APP1 (Exif) segment.

17.6. Generalized "jpg tag browser".