

## PeopleAnnotator Suite

User manual

Web site for the PeopleAnnotator Suite

<http://pas.imagenotion.com>

The PeopleAnnotator Suite is developed and distributed by:

ImageNotion UG (haftungsbeschränkt)  
Haid-und-Neu Straße 10-14  
76131 Karlsruhe

The PeopleAnnotator Suite uses licenced algorithms for the person detection from Fraunhofer IIS, Erlangen.

The displayed images in the screenshots of this user manual are legal property of the image agency photos12, [www.photo12.com](http://www.photo12.com), Paris.

Contents

System requirements..... 4

Download ..... 4

Installation..... 5

    Installation using Windows..... 5

    Installation using Mac OS X..... 8

Using the automatic person detection..... 10

Supported image formats ..... 12

Displaying the created IPTC based image annotations ..... 13

Filtering your images using Smart Collections ..... 14

Register the Software ..... 16

System requirements

The PeopleAnnotator Suite requires a computer which runs either Microsoft Windows (XP or greater) or MAC OS X.

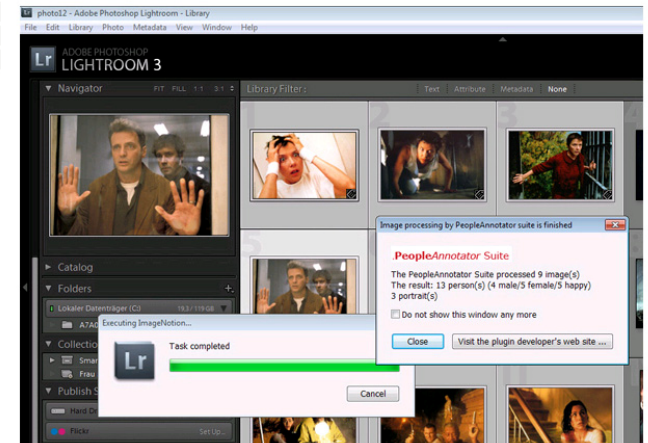
In addition, the installation of the software **Adobe Photoshop Lightroom** is necessary. The installed version of this software must be at least 2.0. The software is available at the web site [www.adobe.com](http://www.adobe.com).

Download

ImageNotion.**PeopleAnnotator Suite** Language  
Zur deutschen Version wechseln

- [Home](#)
- [Download](#)
- [Read more](#)
- [Buy serial number](#)
- [Contact](#)

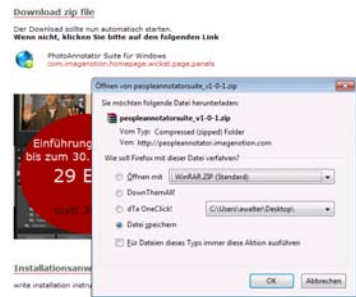
The PeopleAnnotator Suite



In order to download the PeopleAnnotator Suite, please visit our web site <http://pas.imagenotion.com>.

Follow the link “Download”. Select the required version for your operating system to start the download. After the agreement of our terms and conditions, the download process is initialized automatically.

## Installation



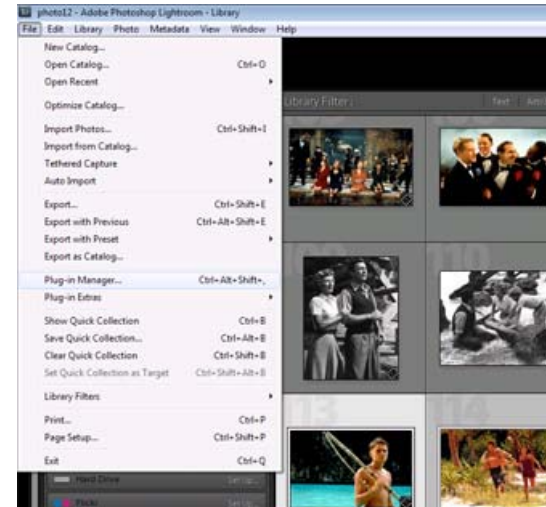
Please save the file on your local file system, for example on the Desktop.

## Installation using Windows

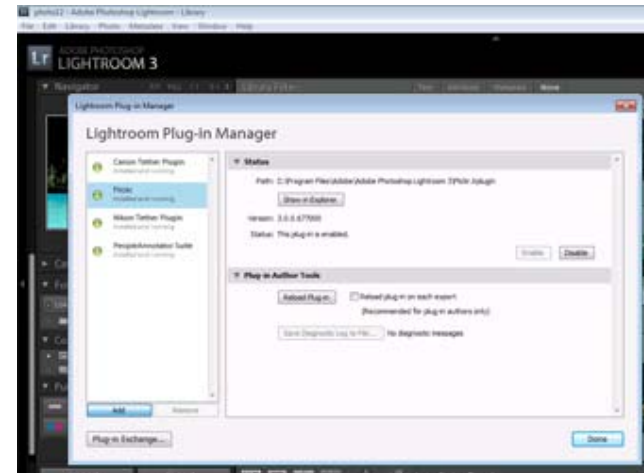
After the download of the People Annotator Suite has finished, please unzip the file. You should now see the folder *peopleannotatorsuite.lrpplugin* in your local file system.

Name	Änderungsdatum	Typ
peopleannotatorsuite.lrpplugin	25.08.2010 16:36	Dateiordner
peopleannotatorsuite_v1-0-1	20.08.2010 10:43	WinRAR-ZIP-Archiv

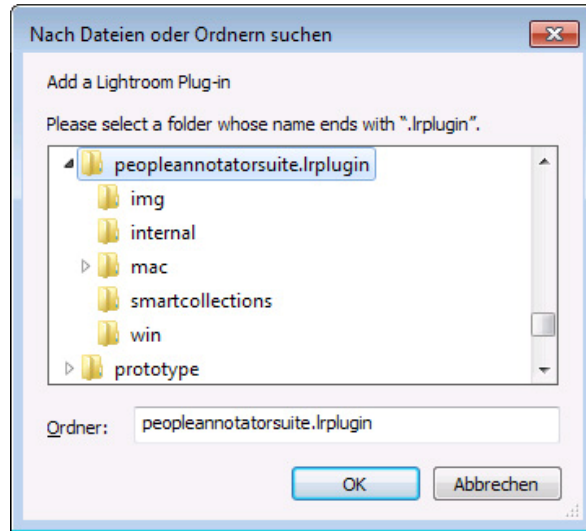
Please start now the Adobe Photoshop Lightroom software. In Lightroom click on the menu item *File -> Plugin Manager*.



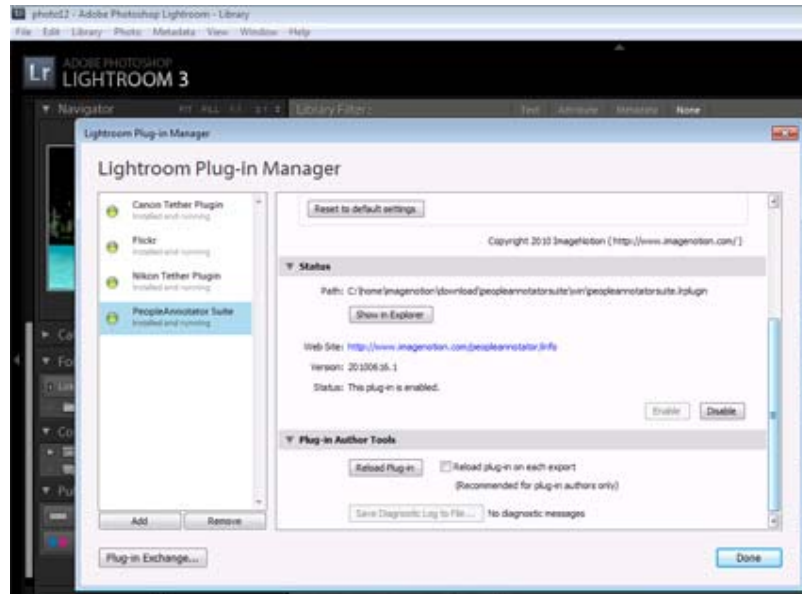
The Plugin Manager of Adobe is now displayed. Please click the button *Add*.



Please navigate to the location on your local file system where you have saved the directory *peopleannotatorsuite.lrpplugin*.



Press the Button OK. The Plugin PeopleAnnotator Suite is now displayed in the Plugin Manager on the left side with a green icon, which means it is correctly installed.

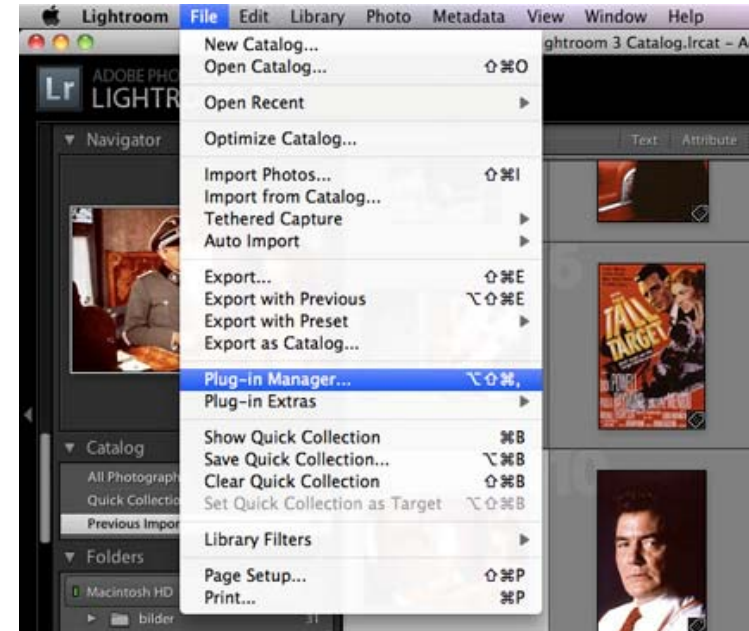


## Installation using Mac OS X

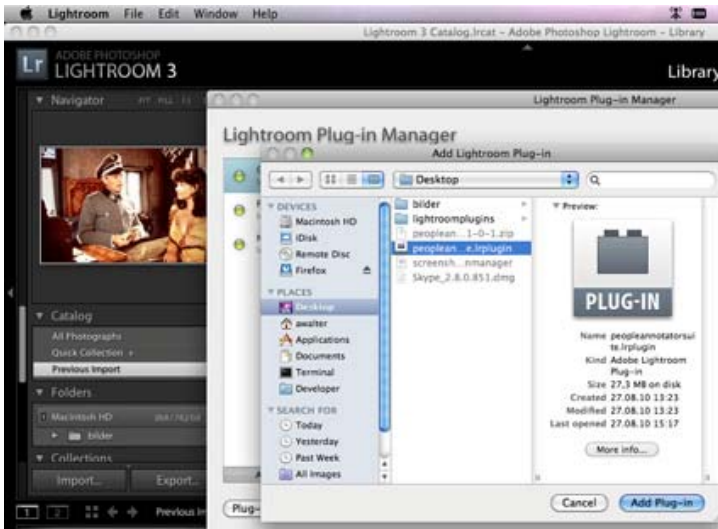
After the download of the People Annotator Suite has finished, please unzip the file. You should now see the folder *peopleannotatorsuite.lrplugin* in your local file system.



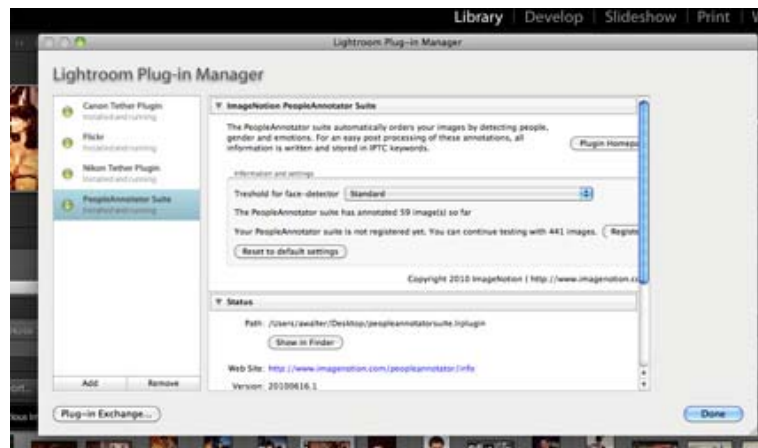
Please start now the Adobe Photoshop Lightroom software. In Lightroom click on the menu item *File -> Plugin Manager*.



Please navigate to the location on your local file system (e.g. the desktop) where you have saved the directory *peopleannotatorsuite.lrplugin*.



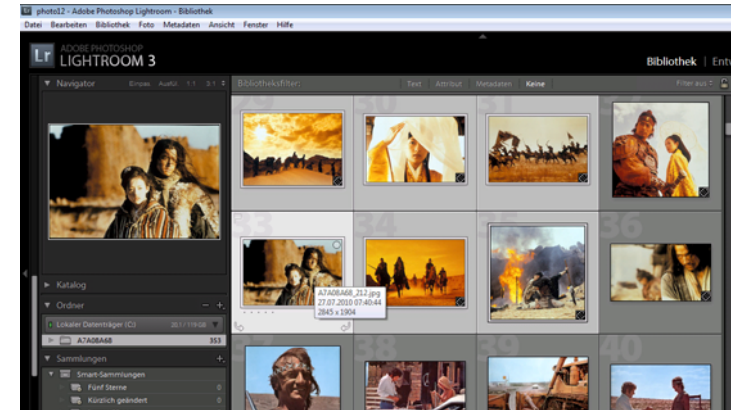
Press the Button *Add plugin*. The Plugin PeopleAnnotator Suite is now displayed in the Plugin Manager on the left side with a green icon, which means it is correctly installed.



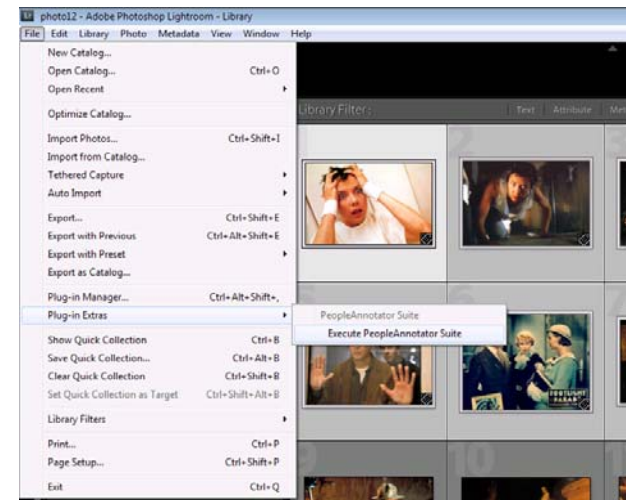
## Using the automatic person detection

You can start the automatic person detection using the following steps:

1. In Lightroom, please select the directory or catalog which contains the images that should be used for the automatic person detection.
2. Select either one or more images in your current catalog (press the Shift key to select more than one images). The selected images are marked by Lightroom with a white background.



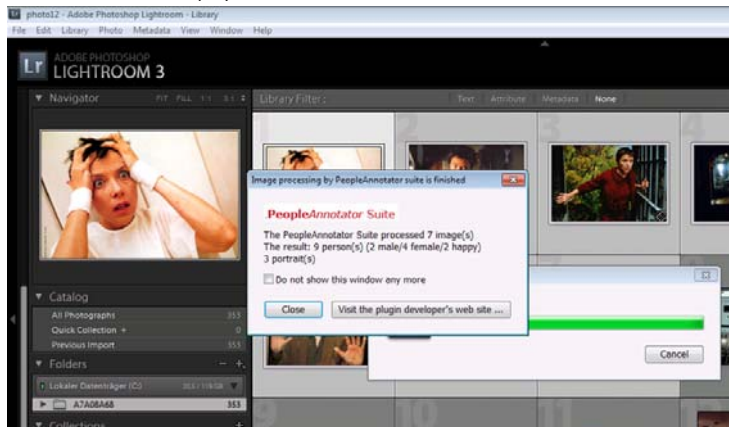
3. Click on "File->Plugin Extras -> Execute PeopleAnnotator Suite".



4. The PeopleAnnotator Suite now starts the automatic person detection and image annotation.



5. After all selected images were processed by the PeopleAnnotator Suite, a summary of the execution results is displayed.



## Supported image formats

**Remark: this section is only important, if you get the error message "image not supported" during the execution process of the PeopleAnnotator Suite.**

The PeopleAnnotator Suite supports the following image formats: *JPEG*, *TIFF*, *PSD* und *DNG*. If you invoke the plugin with images in other formats, the PeopleAnnotator Suite first tries to find images in JPG or DNG format with the same name lying either in the same directory or in the "pas" subdirectory. (The name of the subdirectory is configurable in the plugin settings.) If the plugin does not find such images, a corresponding error message is displayed.

In general, we recommend using the DNG format for the management of RAW images. DNG is a standard format for RAW images which is directly supported by the PeopleAnnotator Suite. Adobe Photoshop Lightroom supports an easy export of any proprietary RAW format in DNG. If there are already JPG versions of images available (e.g. because your digital camera automatically created them) we recommend providing them to the PeopleAnnotator Suite for performance reasons. You can do it either by invoking the plugin on the JPEG image, or by putting the JPEG image in the same directory, or in the "pas" subdirectory of the image, which should contain the resulting IPTC caption text.

The easiest way for getting compatible images is to let Adobe Photoshop Lightroom convert proprietary RAW images during the import process from your camera. Please see the user manual of Adobe Photoshop Lightroom for details regarding image import processes from your camera.

## Displaying the created IPTC based image annotations

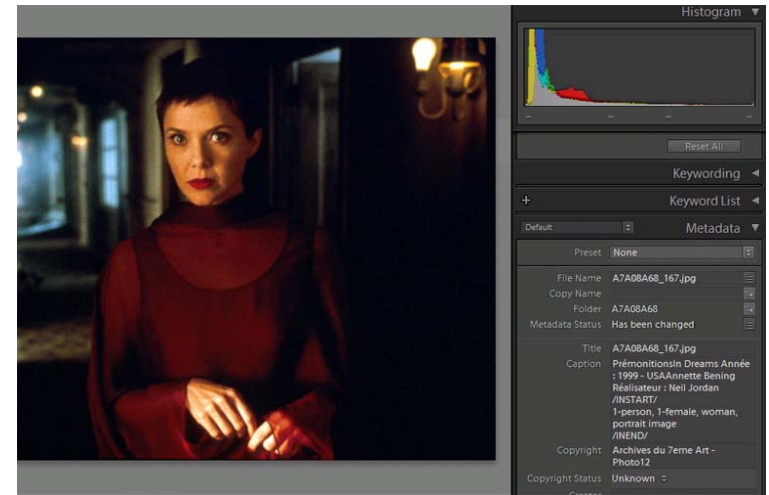
The English language version of the PeopleAnnotator Suite creates the image annotations automatically with the following list of keywords:

Keyword	Meaning
female, woman	If at least one detected person was classified as female, this keyword is written.
females, women	If more than one detected person was classified as female, this keyword is written.
1-female, 1-woman	If exactly one detected person was classified as female, this keyword is written. It allows searching for images which contain exactly one female person.
2-females, 3-females, ... 2-women 3-women, ...	If two or more detected people have the gender female, the corresponding keyword <i>2-women</i> , <i>3-women</i> , etc. is written. This allows searching for images which contain for example two women.
man	If at least one detected person was classified as male, this keyword is written.
men	If more than one detected person was classified as male, this keyword is written.
1-man	If exactly one detected person was classified as male, this keyword is written. It allows searching for images which contain exactly one male person.
2-men, 3-men, ...	If two or more detected people have the gender male, the corresponding keyword <i>2-men</i> , <i>3-men</i> , etc. is written. This allows searching for images which contain for example two male people.
portrait image	If exactly one person is detected on an image and his/her face is shown dominantly, the keyword <i>portrait</i> is written. This allows searching for portrait images.
person	The keyword <i>person</i> is written, if an image contains at least one person. This keyword allows searching for all images in an archive which display people.
people	The keyword <i>people</i> is written, if an image contains at least two persons. This keyword allows searching for all images in an archive which display at least two people.
happy	The keyword <i>happy</i> is written, if at least one person on an images looks happy or laughs.

To see the resulting image annotations the PeopleAnnotator Suite has created for an image, perform the following step in Lightroom:

1. Click on an image in Lightroom, which was already processed by the PeopleAnnotator Suite.

2. Open the area right next to the displayed image in Lightroom titled “Metadata”. All available image annotations are now displayed.
3. PeopleAnnotator Suite writes its annotations into the IPTC field *Caption*. To separate the automatically created image annotations from existing image annotations, they are marked with the text `/INSTART/` before the generated caption text and `/INEND/` after the generated keywords.

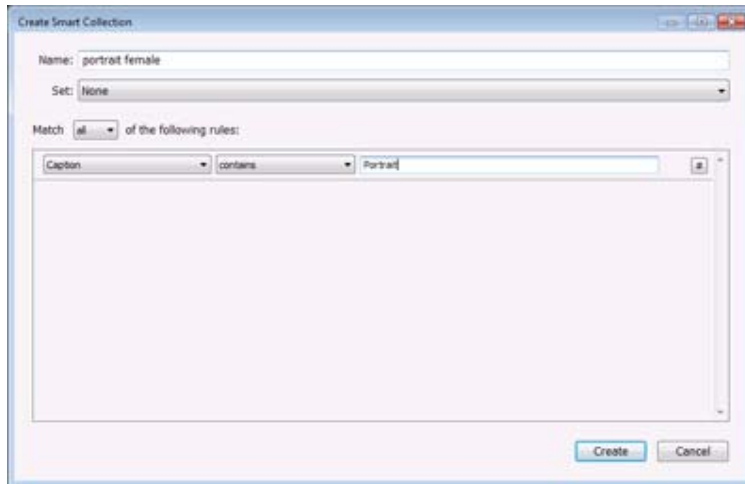


## Filtering your images using Smart Collections

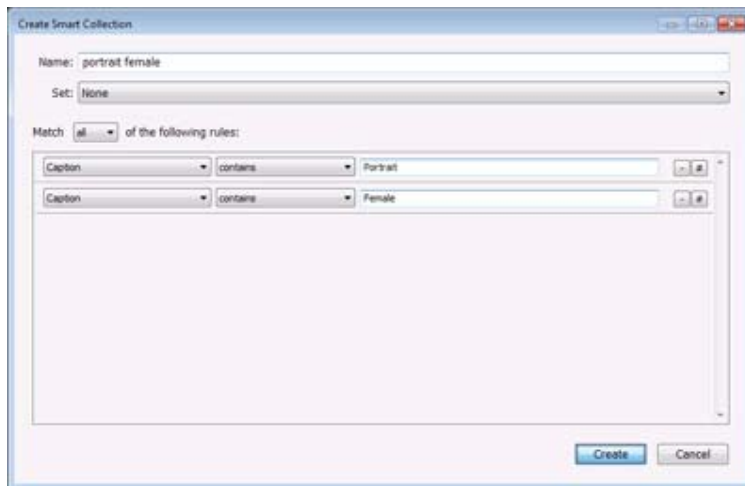
Smart Collections in Lightroom allow for filtering your images based on the keywords in the image annotations. Using Smart Collections and the keywords as described in the table on the previous page, it is possible to filter your image archive with people related topics.

The following example shows, how to create a Smart Collection in Lightroom which shows portrait images of female people. Please perform the following steps in Lightroom in order to create this Smart Collection:

1. Click the menu item “Library -> New Smart Collection...”. A new window is opened.
2. Enter a name for the Smart Collection, e.g. “woman portrait”.
3. For the definition of the Smart Collection, create as first rule “Caption” “contains” “portrait image”.



4. Left beside this new rule, press the button "+". A new line is added which allows the definition of a second rule.
5. For the second rule, enter "Caption" "contains" "woman".



6. Press on the Button "Create". The new Smart Collection is now created and added by Lightroom in the section "Collection" on the left side of the Lightroom main screen.

7. Click on the newly displayed collection "Portrait woman". Lightroom searches for all matching images and displays them (as long as your image archive contains images which were already processed by the PeopleAnnotator Suite).

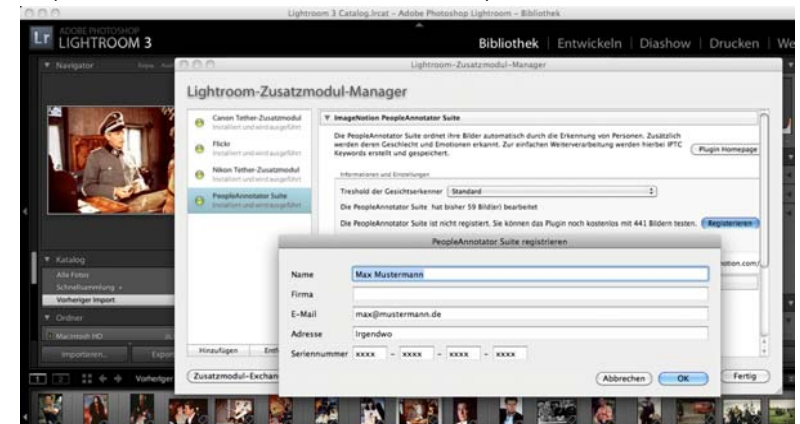
## Register the Software

The PeopleAnnotator Suite allows a free testing of the plug-in directly in your image archive with up to 500 images. In order to remove this limit, the registration of the software is required.

To do so, please visit the web site <http://pas.imagenotion.com/buy> and follow the screen dialog and buy a license key.

After the registration, the license key has to be entered in Adobe Photoshop Lightroom as follows:

1. Click on the menu *File -> Plugin Manager...*
2. Select the plug-in PeopleAnnotator Suite in the displayed plug-in list on the left side of the dialog of the Plugin Manager.
3. In the center area of the window, the details and options of the PeopleAnnotator Suite are displayed. Click on the button *Register*. A new window is opened.
4. Enter the values for the fields *Name*, *Company*, *Email* and *Address* such as provided during the purchase of the license key. The values are also displayed in the email we sent you after the purchase. In addition, enter the received license key in the field *Serial number*.



5. If you entered all values correctly, the PeopleAnnotator suite is now correctly registered and activated.

In case of problems during the registration process, please contact our support via email [support@imagenotion.com](mailto:support@imagenotion.com).