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Software Engineering Project

User Manual

Version 2

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1. Understand the application

The application that has been developed is ideal for users who need to manage a big number of scientific publications. This application has the main goal to organize a big amount of scientific publications.

To run the application, open the executable file.

1.1About this manual

This manual contains everything you need to know about the application.

This is divided in sections where it will be explained all functionalities and characteristics of software so you can understand how it works. We recommend that you have the application open while reading this manual.

1. In case you need to read a designed section click with the left mouse key in the section desired in the index.

2. In case you need to read a designed section,click with the left mouse buttonin that section on the index.

3. In case you need to locatesome word or perform a search in this manualdo CTRL+F.

1.2 Main Functionalities

In this application you can do the following:

- **Edit publications** – where you can remove or add publications.
- **Display publications**– where you can select the publications you want to visualize.
- **Manage selections**–where you can create,associate publications to selections, delete and visualize selections.

These are the main functionalitiesfor the software to function minimally.

2. Minimum system requirements

To run this programit's necessary to have a Windows operative system and a PDF reader installed.

3. How to utilize the application.

In this section we will present step by stephow you can utilize all the functionalities of this application.

3.1. Main Menu

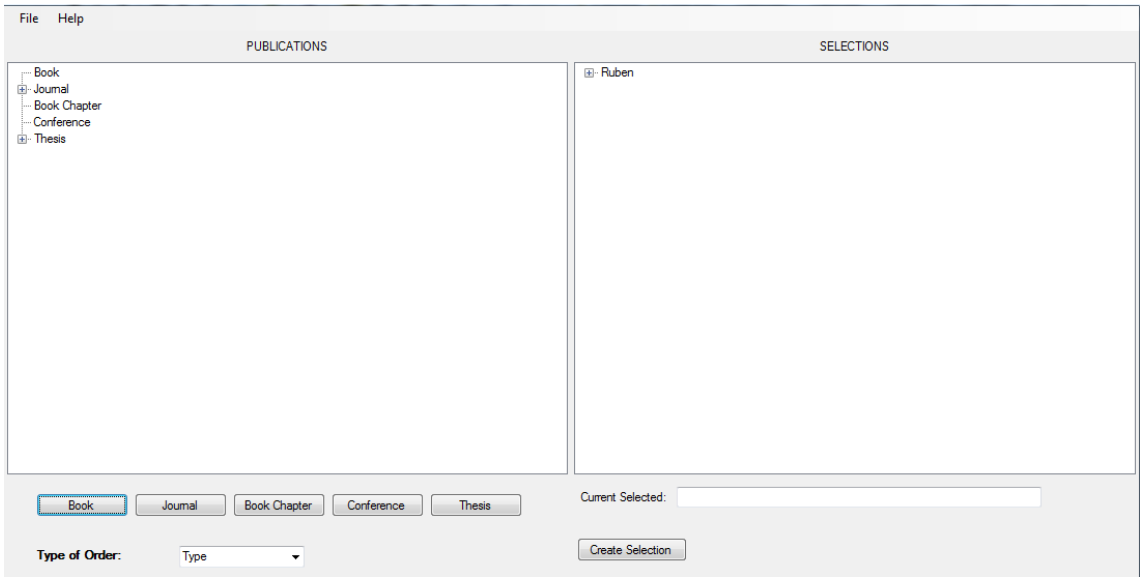

Figure 1 – Main Menu.

3.2. Edit publication

3.2.1. Add publication

- You can add a scientific publication selecting the type of publication you. To do this simply clickwith the right mouse button on the buttons: “Book”, “Book Chapter”,”Thesis“,”Conference “,”Journal”.

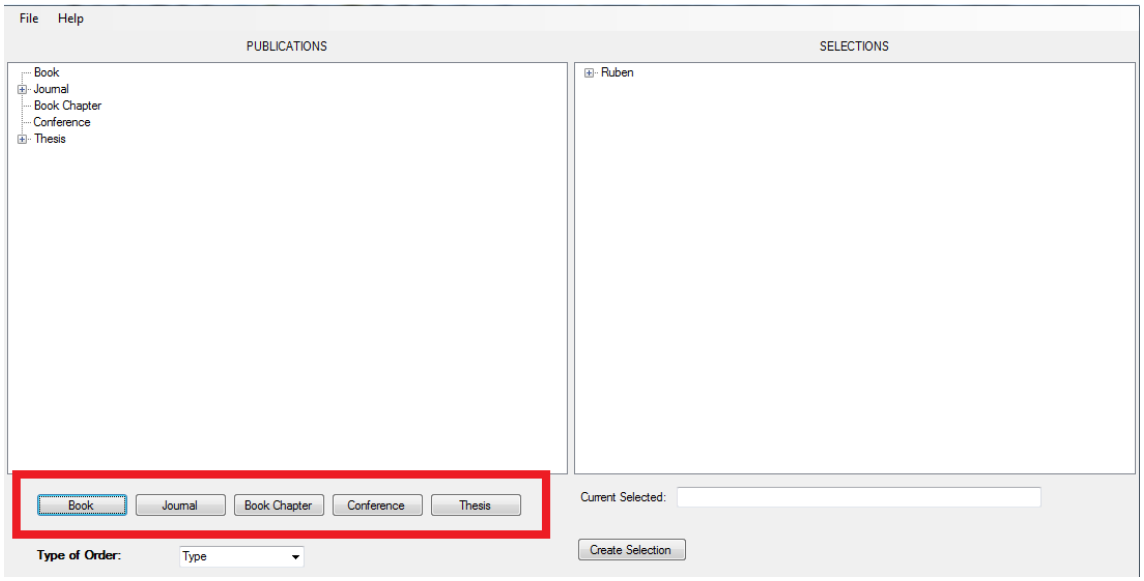

Figure2 – Main menu, Inside the red rectangle are the buttons previously referred.

3.2.1.1 Add a publication of the type ("book")

- In case you want to add a publication of the type("Book"), button "Book".
- After doing the previous stepwill appear on the screen the following window:

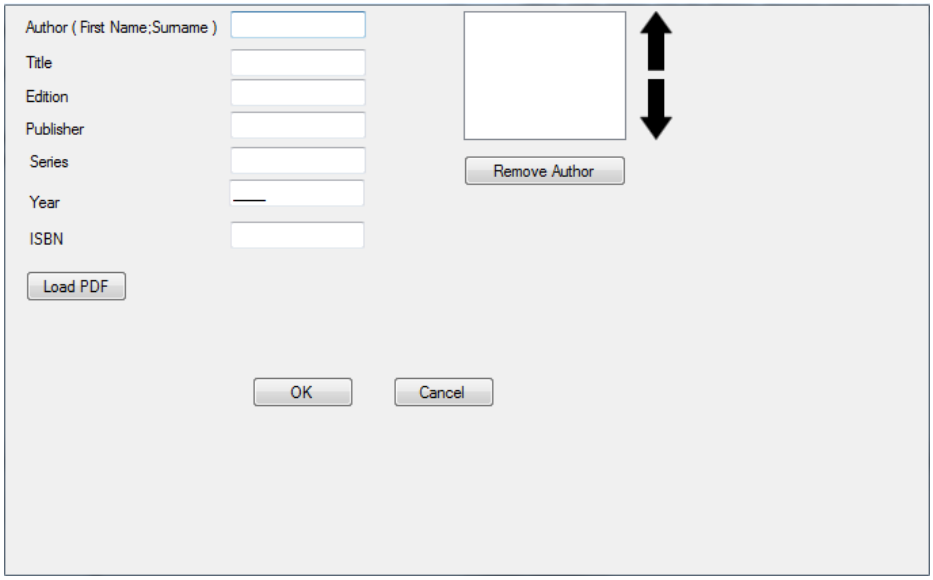

Figure3 –add_book window.

- In this window is necessary to writethe name of the book author ("*Author*" field). Insert first name and last separated by ";".
- After having written the name, click with the left mouse button on the button "*add Author*". Allways do this step in order to add more than one author.

- In case you want to remove an author you added previously select the author that you want to remove and click with the left mouse button then "*Remove*".

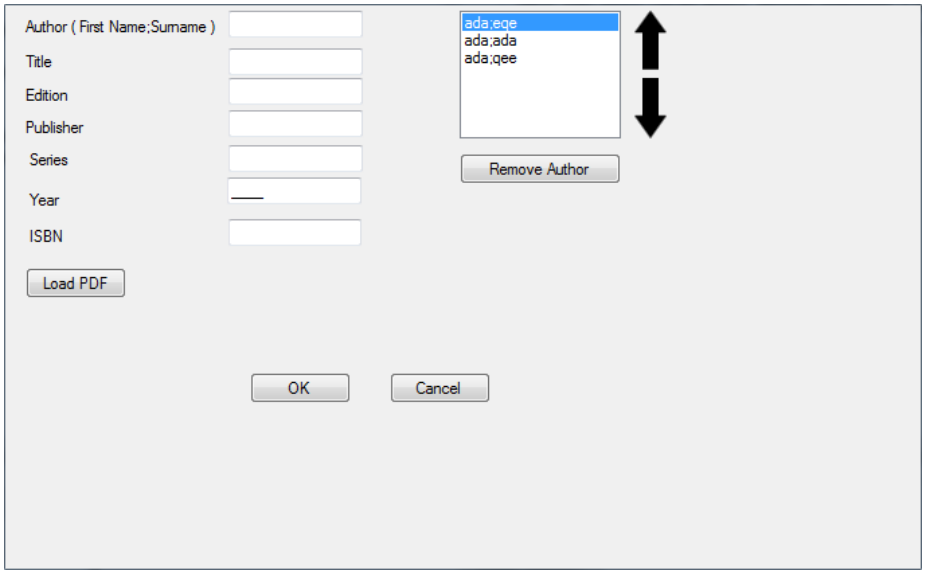

Figure4 –add_book window – Remove a book author

- After clicking will appear a message asking to confirm the removal, where you click "Yes" in case you want to remove the author or "No" in case you don't want.Note:In another operative system the "Yes" and "No" will appear in the respective language. We will be working on a English native language, but the image above was generated in a Portuguese native language computer.

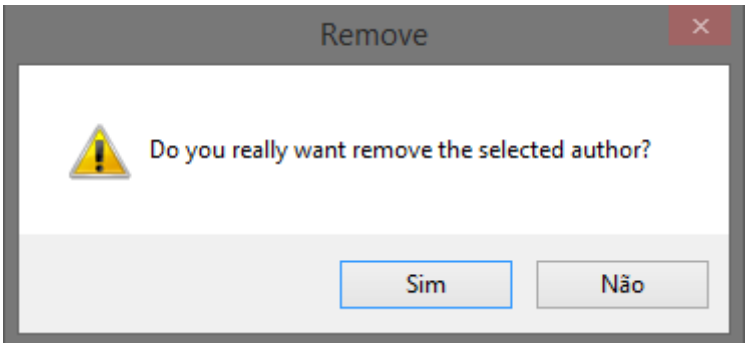

Figure5 – Confirming the removal of the book author

- To add a title to the book fill the field "*Title*".
- To add the edition to the book fill the field "*Edition*".
- To add the editor/publisher to the book fill the field "*Publisher*".
- To add the year to the book fill the field "*Year*".
- To add the ISBN to the book fill the field "*ISBN*".
- To load the pdf of the scientific publication click in the button "Load PDF".
- After clicking the button previously said will pop up a window similar to the following, where you can load the PDF filecorrespondent to the publication. This one has to be in a folder in your computer.

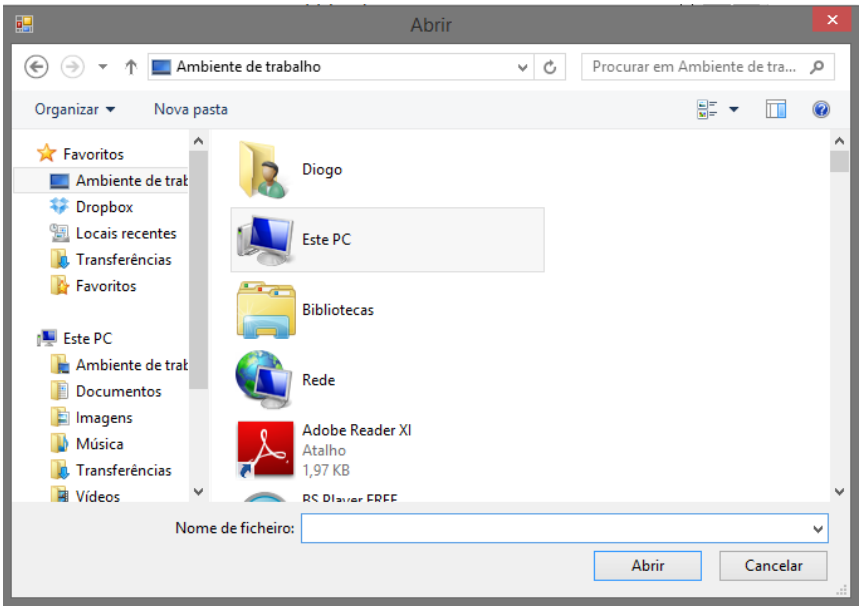

Figure 6 – Window to load a PDF of a publication of type book

- To conclude this process of adding a publicationof type book simply click with the left mouse button in the dialog box saying “OK”.
- If at any moment you wish to close this windowyou can do it by clicking in the crossin the upper right corneror pressing “ESC” on the keyboard.

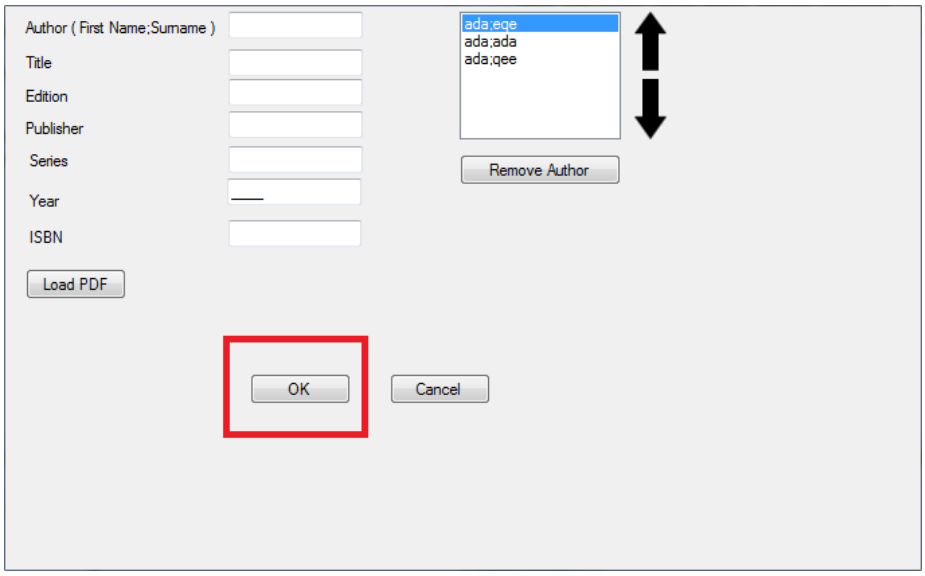

Figure7 – add_book window, “OK” button

- In case you don’t fill all fieldsa window pops up obliging you to fill all fieldsthat haven’t yet been filled.(red fields)

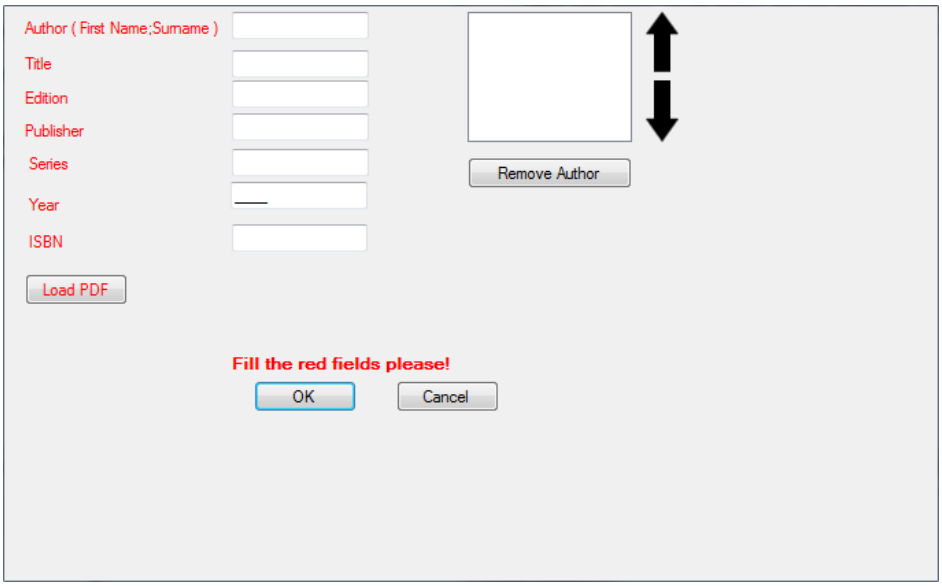

Figure7 – Obliged fields of publication of type “book” not filled.

3.2.1.2 Add publication of type (“Book Chapter”)

- In case you want to add a publicationof type(“Book Chapter”), click with the left mouse button on the button “Book”.
- Having done the previous stepwill pop up the following message:

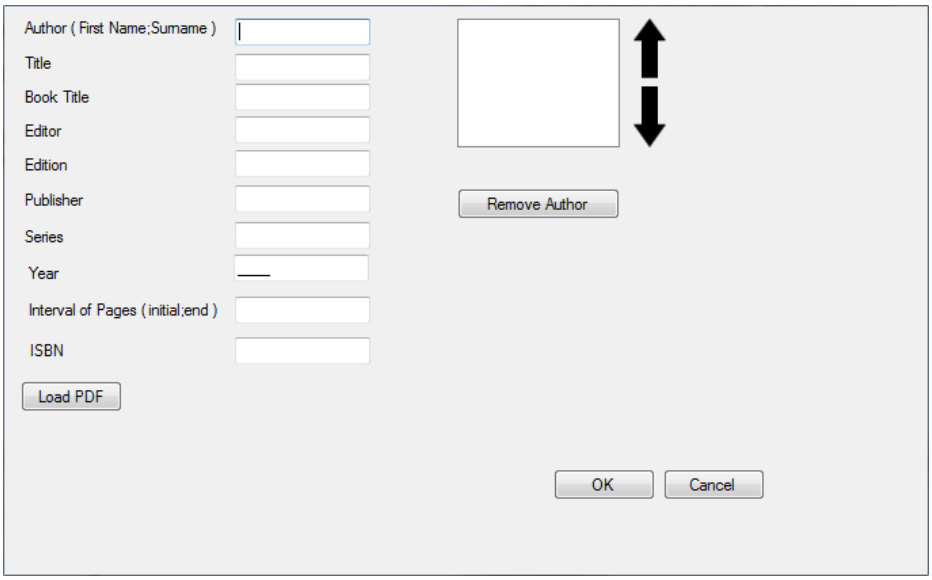

Figure8 –add_book_chapter window

- In this window is necessary that you inser the name of the author of the book(“*Author*” field).
- Insert the first name and the last name separated by “;”.
- After writing the name, click with the left muse button on the button “*add Author*”.
- Repeat the previous steps every time you wish to add an author.
- In case you want to remove an authoradded previouslyselect the author you wish to removeand click on “*Remove*”.

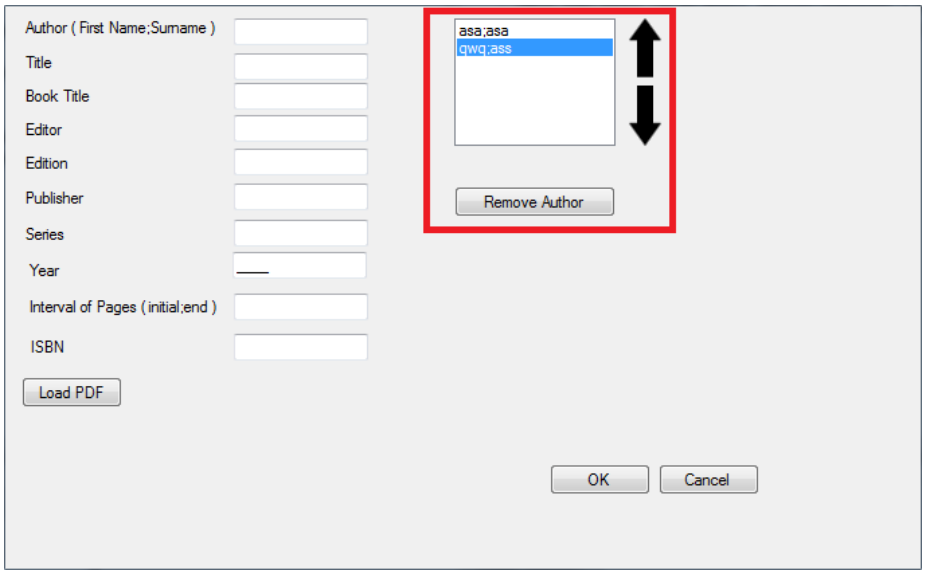

Figure9 –add_book_chapter window, remove a book author

- To add a title to the book fill the field "*Title*".
- To add a book title to the book fill the field "Book *Title*".
- To add the editor to the book fill the field "*Editor*".
- To add the edition to the book fill the field "*Edition*".
- To add the publisher to the book fill the field "*Publisher*".
- To add the series to the book fill the field "*series*".
- To add the year to the book fill the field "*Year*".
- To add the interval of pages fill the field "*Interval of Pages*". Separate the last and first page with ";".
- To add the ISBN fill the field "*ISBN*".

- Para carregar o PDF da publicaçãocientífica clique no botão “Load PDF”.
- Apósclicar no botãomencionadoanteriormenteirásurgirumajanelasemelhante à seguinte, ondepoderácarregar o ficheiro PDF correspondente à publicação. Este tem que se encontraremalguma pasta doseucomputador.

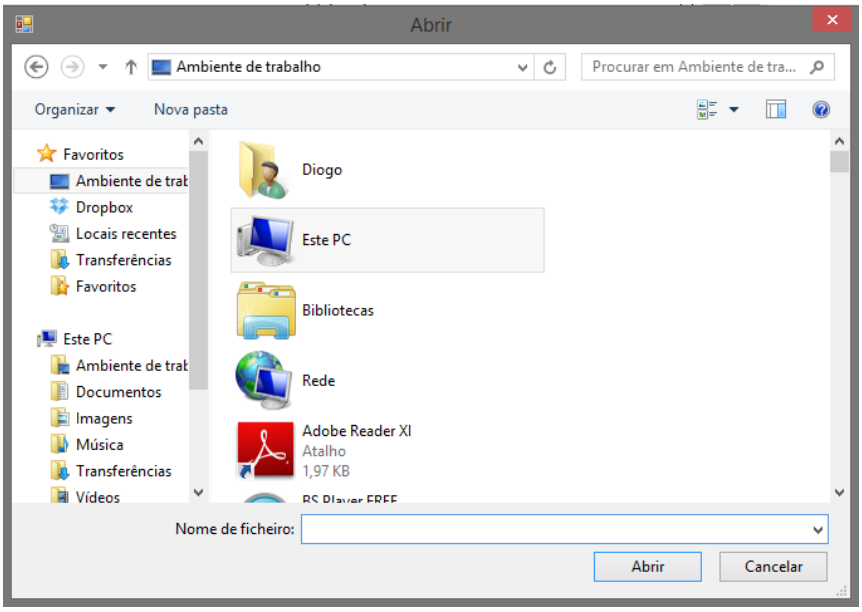

Figure10 – Load PDF windowof a publication of type book chapter.

- To conclude this processof adding a publication of type book chaptersimply click with the left mouse button in “OK”.
- At any moment you can close this windowby clicking in the crosson the upper right corner or pressing “ESC” on the keyboard.

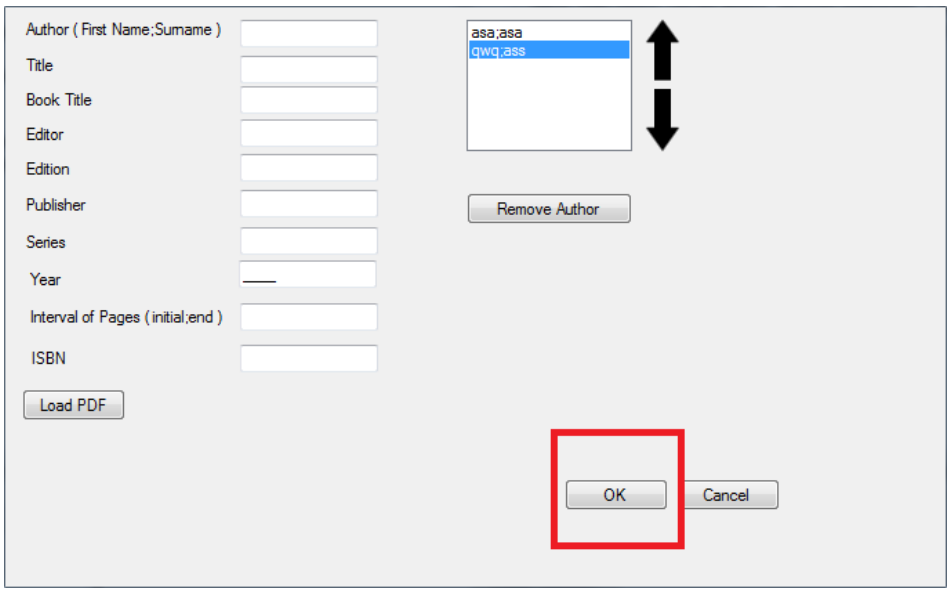

Figure11 – add_book_chapter window, “OK” button.

- In case you don’t fill all fieldsa window pops up with a message that obliges you to fill all fieldsthat haven’t yet been filled.

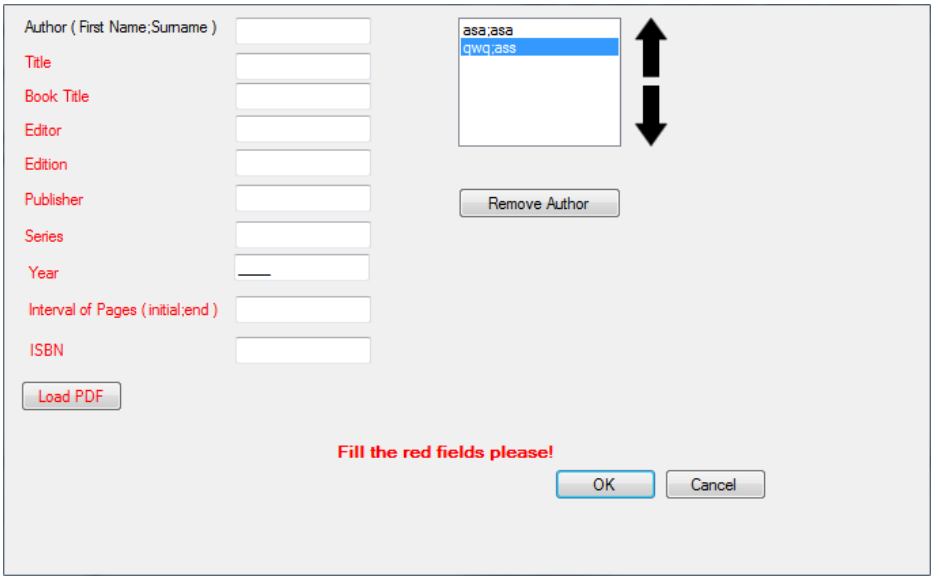

Figure12 – Obligatory fields.

3.2.1.3 Add publication of type ("thesis")

- In case you wish to add a publicationof type("thesis") click with the left mouse button in the button "thesis".
- Having done the previous step the following window will appear:

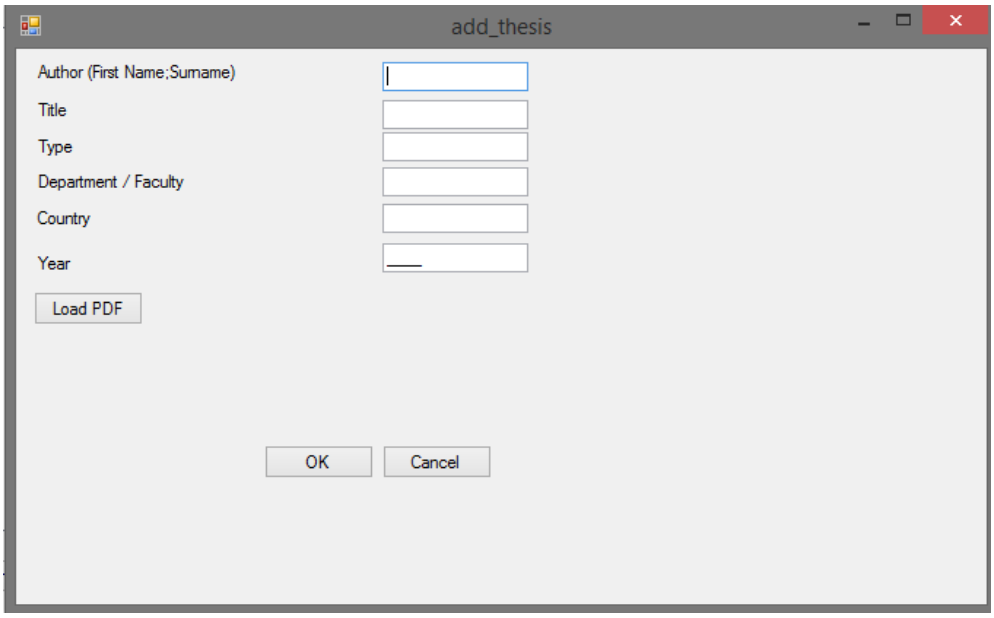

Figure13 – add_thesis window

- To add the authors of the thesis fill the field "*Author*".
- To add the title of the thesis fill the field "*Title*".
- To add the type of the thesis fill the field "*Type*".
- To add the department or facultywhere the thesis has been written fill the field "Department|Faculty".
- To add the country fill the field "*Country*".
- To add the year of the thesis fill the field "*Year*".
- To load the PDF filecorrespondent to the thesis fill the field "Load PDF".
- After clicking the button previously mentionedwill pop up a window like the following, where you can load a PDF filecorrespondent to the publication. This file must be in a folder on your computer.

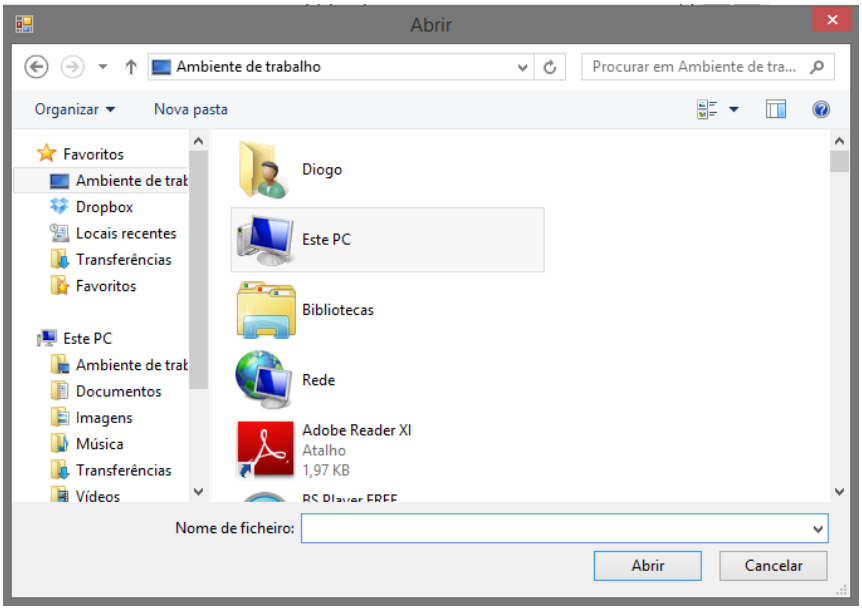

Figure14 – Load PDF window of a publication of type thesis.

- To conclude this process of adding a publication of type thesissimply click with the left mouse button on the button “OK”
- If at any moment you wish to close this windowyou can do it by clicking on the cross in the upper right corner, or pressing “ESC” in the keyboardor on the button “Cancel”.

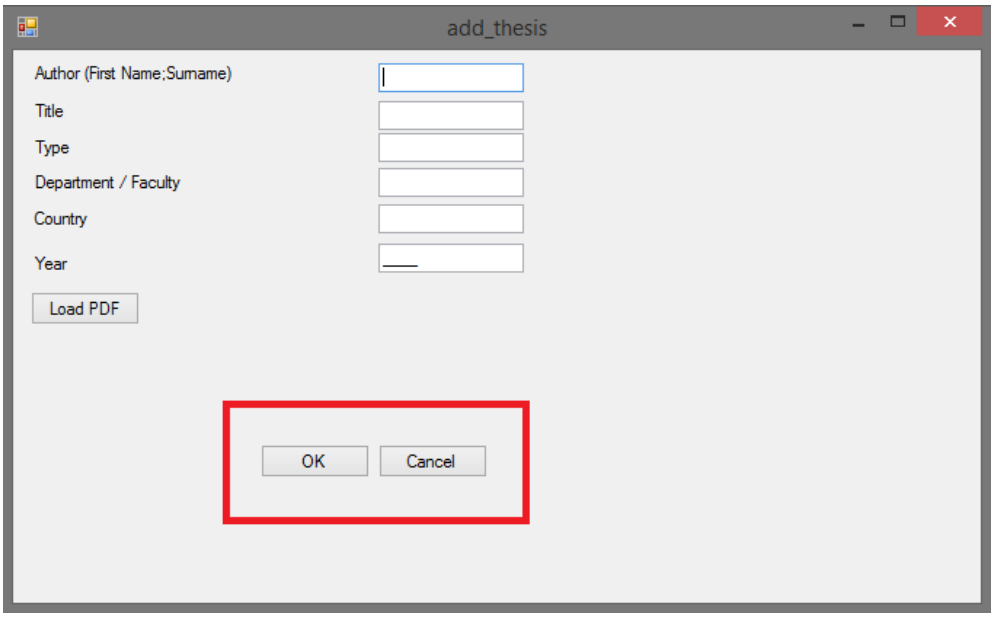

Figure15 –add_thesis window, “OK” button.

- In case you don’t fill all fields a window pops up with a message that obliges you to fill all fields that haven’t yet been filled.

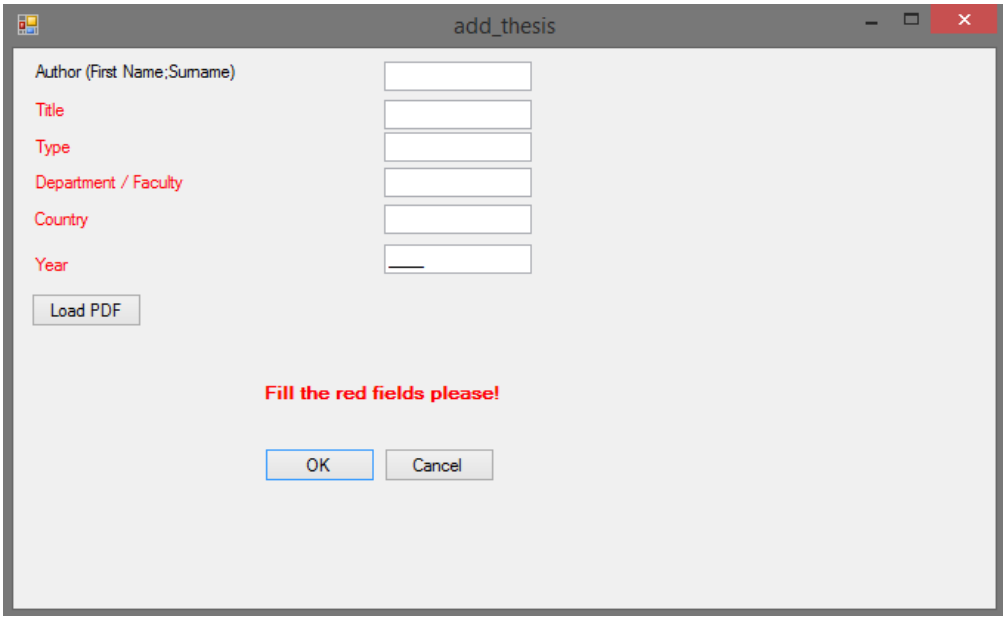

Figure16 – Obligatory fields – thesis.

3.2.1.4 Add publicationoftype (“Conference”)

- In case you wish to add a publication of type (“Conference”), click with left mouse button on the button “conference”.
- Having done the previous step the following window will pop up:

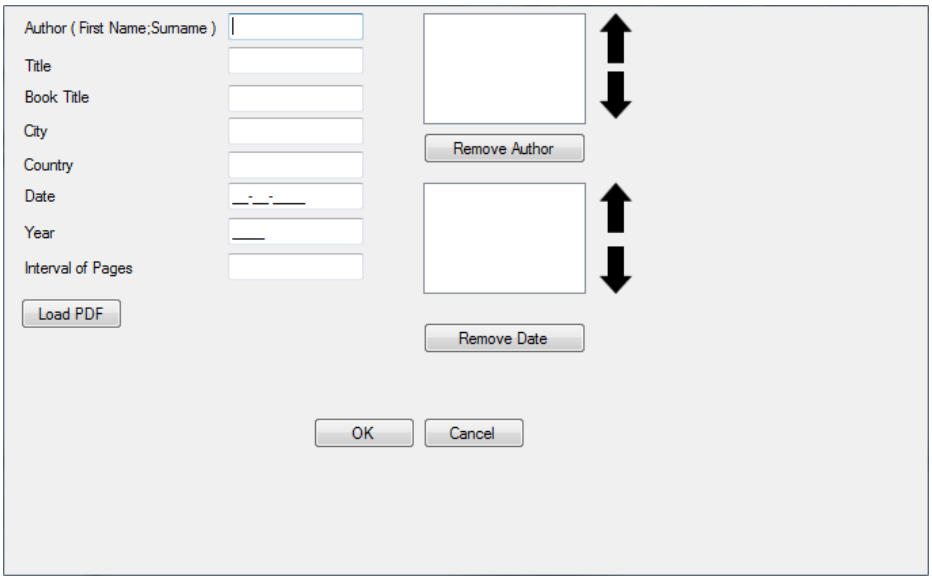

Figure17 –add_conference window

- In this window is necessaryto insert the name of the conference author (Field “*Author*”). Insert the first name and last separated by “;”.
- After writing the name click with the left mouse button on the button “*add Author*”. Do this step every time you wish to add more authors.

- In case you wish to remove an author you added previouslyselect the author you wish to remove then click "*Remove*".

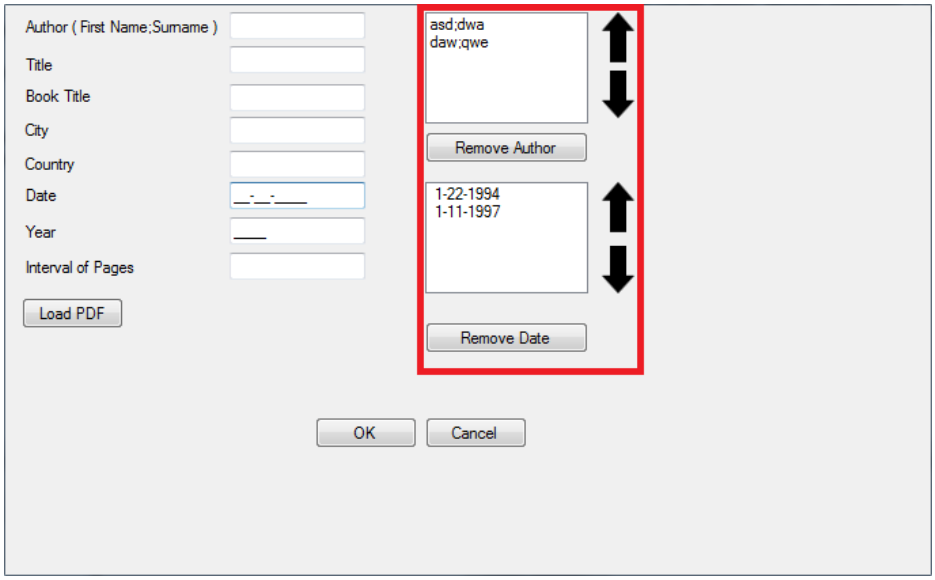

Figure18 – add_conference window, remove author.

- After clicking, the following confirmation message will appear, click "Yes" in case you wish to remove the authoror click "No" if you don't want.

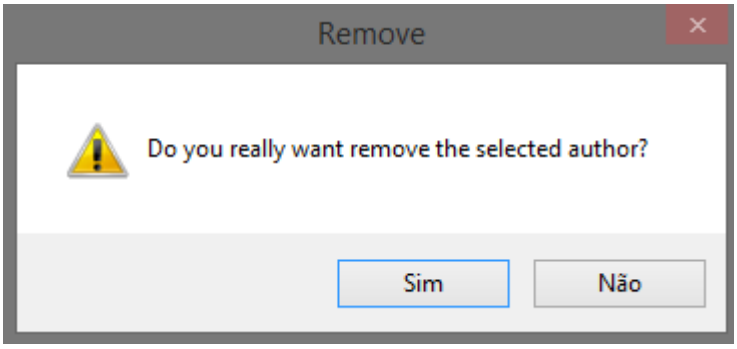

Figure19 – Remove author, confirmation message.

- To add the title of the conference fill the field "*Title*".
- To add the book title of the conference fill the field "*Book Title*".
- To add the city where the conference took place fill the field "*City*".
- To add the country where the conference happened fill the field "*Country.*"
- To add the conference date fill the field "*Date*" and click "*Add Date".*
- Repeat the previous step whenever you wish to add more dates to the conference.
- In case you wish to remove a date you added previously selectthe date you want to remove the click with the left mouse button in "*Remove*".

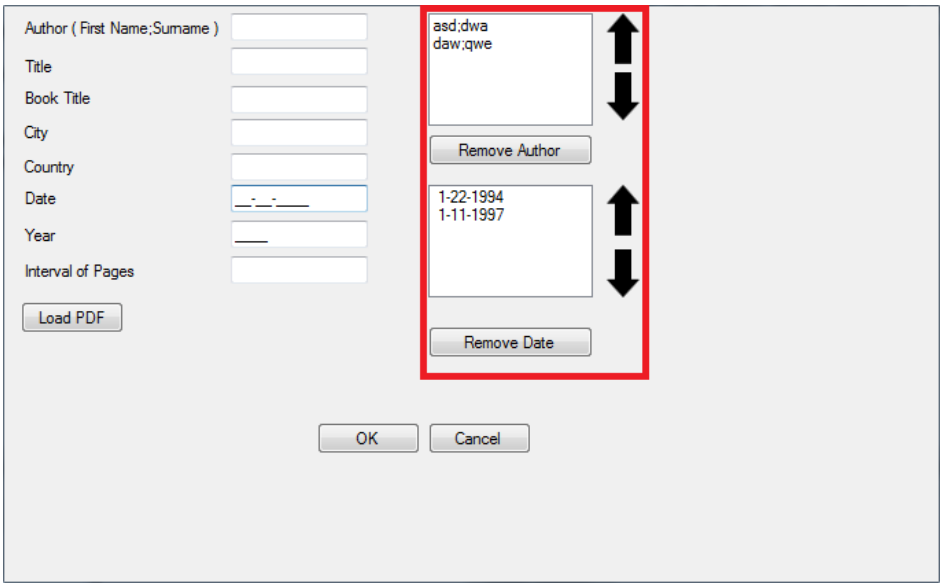

Figure20 – add_conference window, conference date removal.

- To add the year of the conference fill the field "*Year*".
- To add the interval of pages fill the fields "*Interval of Pages*. The first field corresponds to the first page and the second to the last page.
- To load a PDF click with the left mouse button in "Load PDF"
- After clicking this button the following window will appear, Where you can load the PDF correspondent to the publication. This has to be in a folder on your computer.

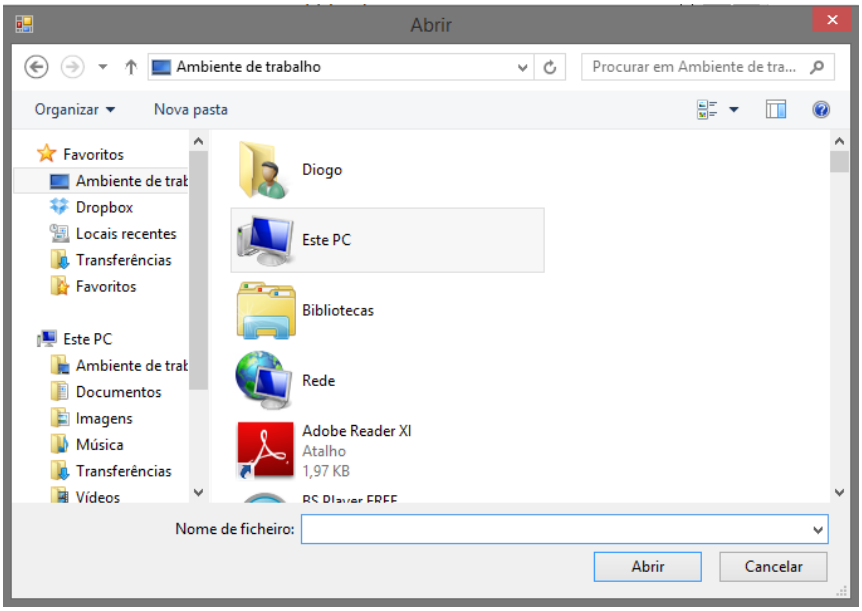

Figure21 – Window to load PDF of a publication of type conference.

- To conclude this process of adding a publication of type conferencesimply click with the left mouse button in "OK".

- You can close this window at any momentby clicking with the left mouse buttonon the red cross in the upper right corner, clicking “Cancel” or pressing “ESC”on the keyboard.

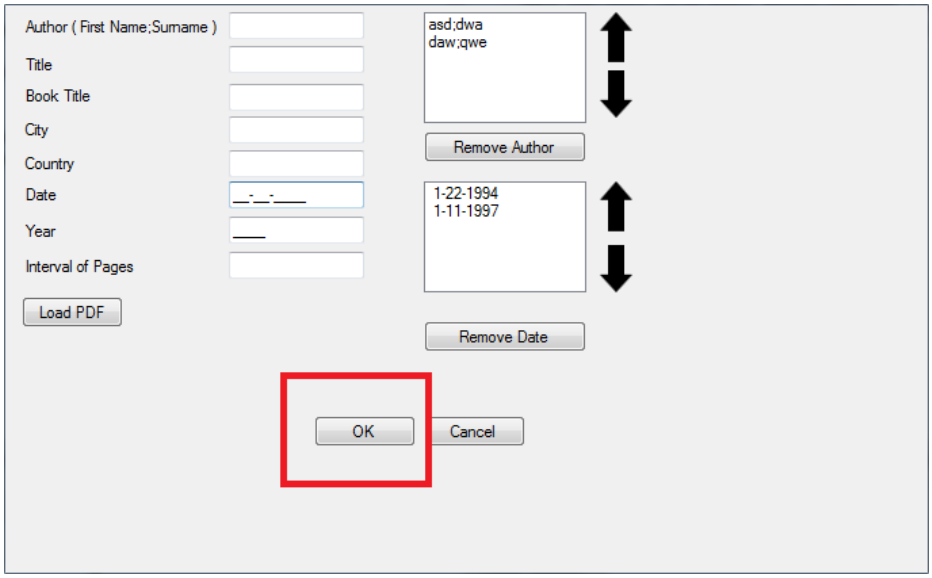

Figure22 – add_conference window,“OK” button.

- In case you haven’t filled all fieldsan error message is generated informing the required fields haven’t yet been filled.

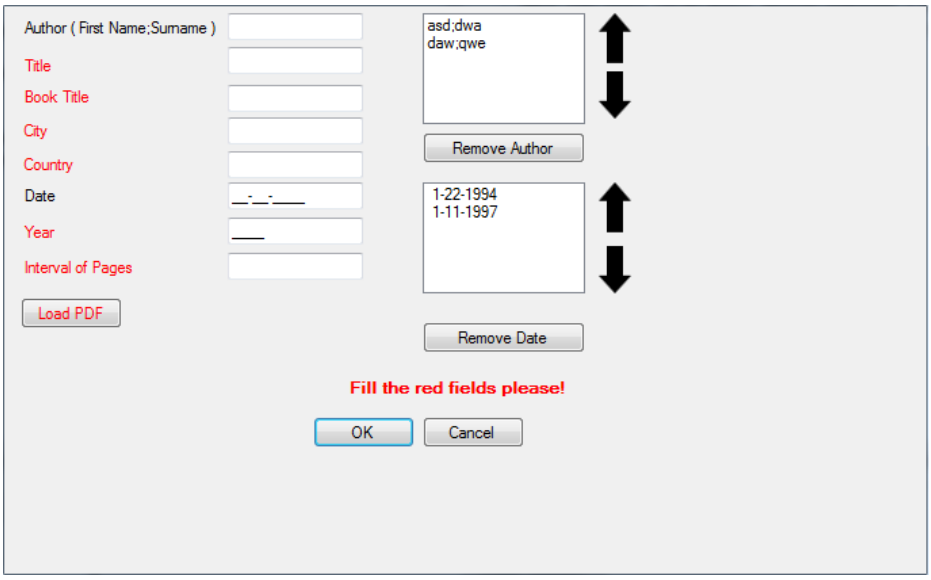

Figure23 – Obligatory fields – Conference.

3.2.1.5 Add publication of type (“Journal”)

- In case you wish to add a publication of type (“Journal”), click with the left mouse button on the button “Journal”.

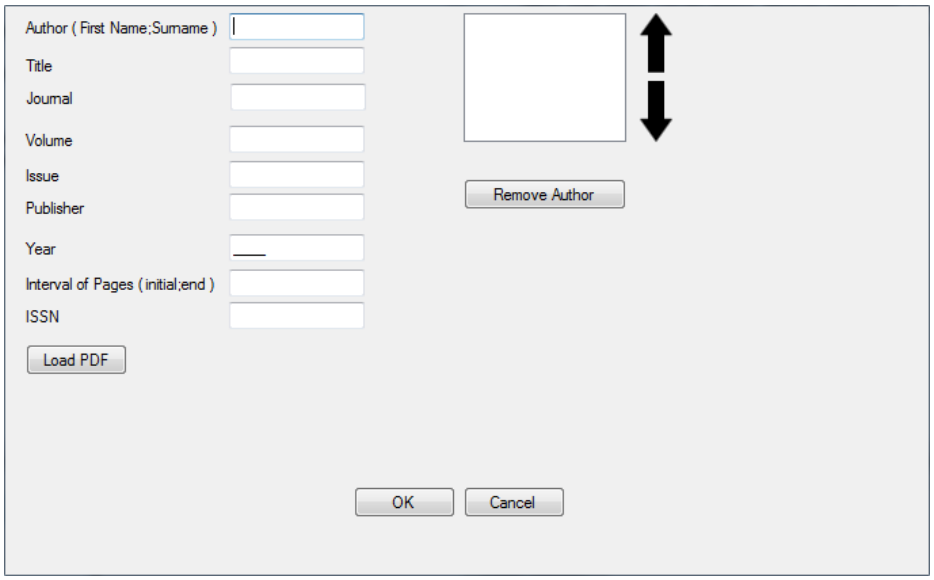

Figure24 –add_journal window.

- In this window is necessary to write the author name ("*Author*" field). Insert the first name and last separated by ";".
- After having written the name, click with the left mouse button in the button "*add Author*". Perform this step every time you wish to add more authors.

- In case you wish to remove an author you previously added, select it then click "*Remove*".

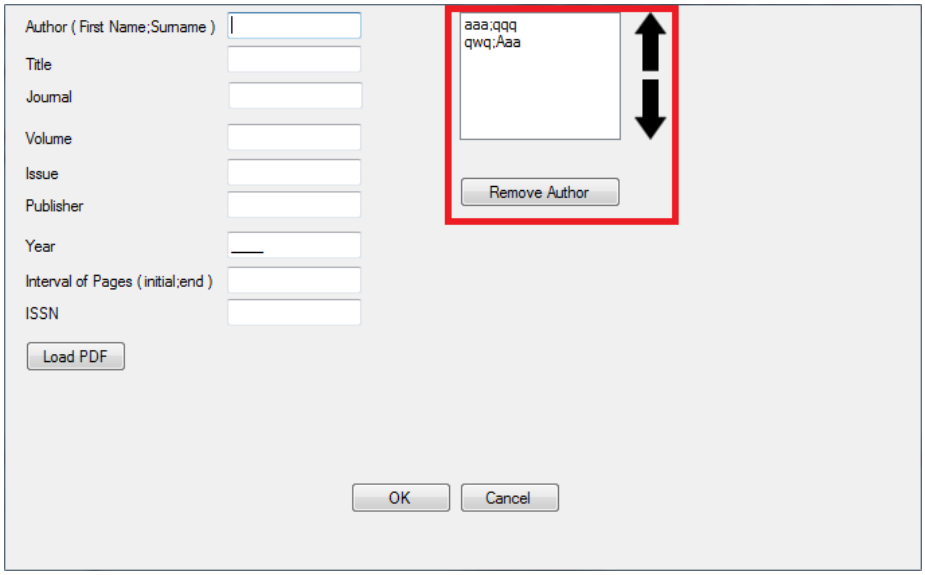

Figure25 – add_journal window, remove author.

- After clicking "remove" the following confirmation message will pop up, where you click "Yes" in case you wish to remove the author or "No" if you don't.

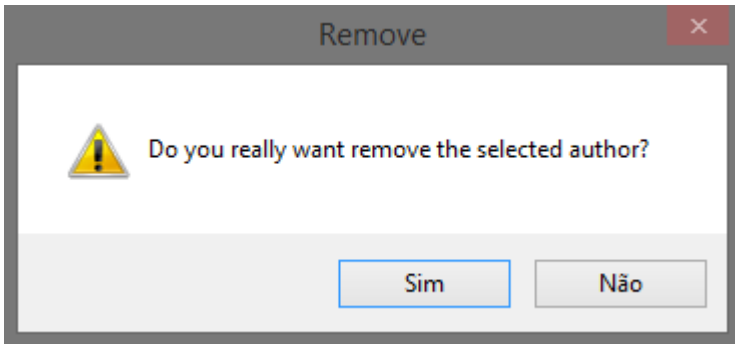

Figure26 – Remove author, confirmation message.

- To add the title of the publication fill the field "*Title*".
- To add the name of the journal of the publication fill the field "*Journal*".
- To add the volume of the publication fill the field "*Volume*".
- To add the issue of the publication fill the field "*Issue*".
- To add the publisher of the publication fill the field "Publisher".
- To add the year of the publication fill the field "*Year*".
- To add the interval of pages of the publication fill the field "Interval of pages". The first field corresponds to the first page and the second field to the last page.
- To add the ISSN of the publication fill the field "ISSN".
- To load the PDF click with the left mouse button on the button "Load PDF".
- After clicking this button the following window will appear, where you can load the PDF correspondent to the publication. This must be in a folder on your computer.

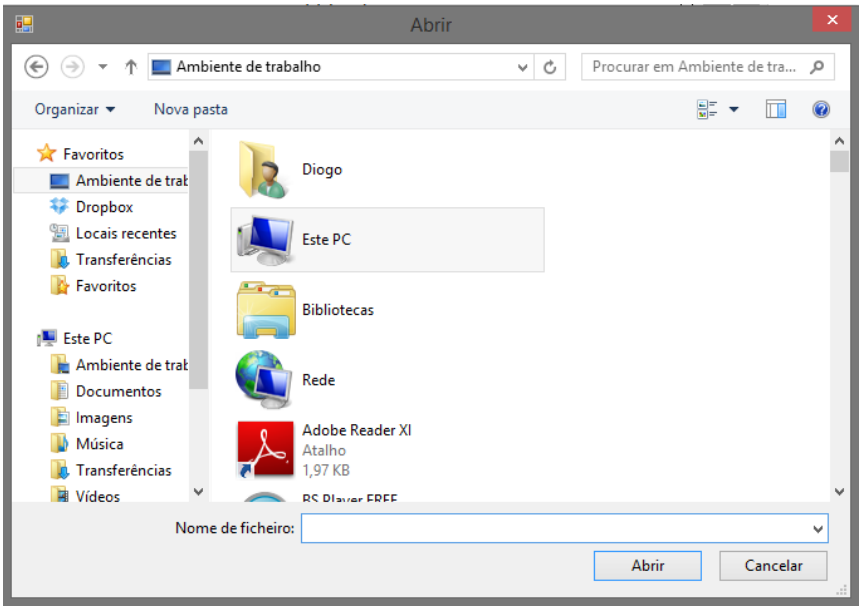

Figure27 – Load PDF window of publication of type "journal".

- To conclude this process of adding a publication of type "Journal" simply click with the left mouse button in the button "OK".

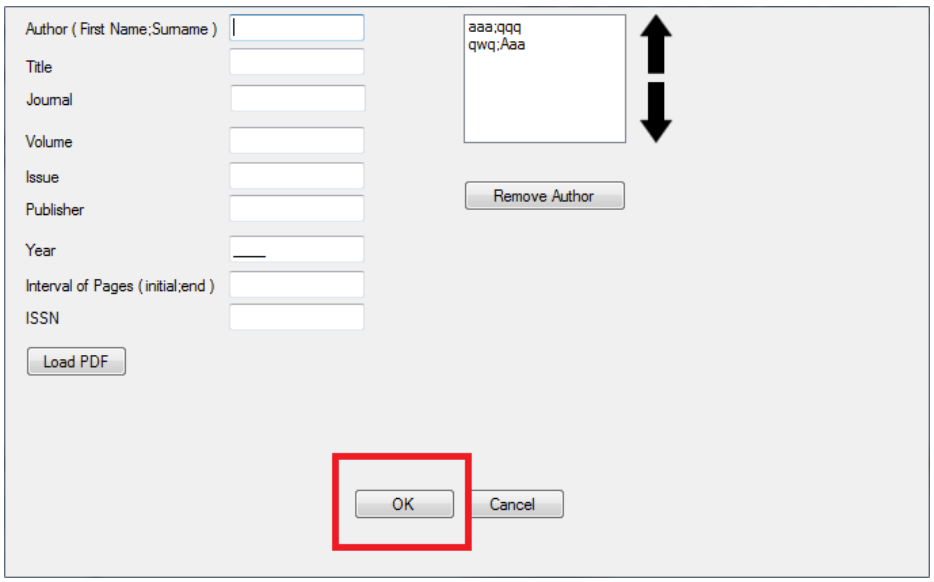

Figure 28 - add_journal window, "OK" button

- You can close this window at any time by clicking in the red cross on the upper right corner of this window, clicking "Cancel" or pressing "ESC"on the keyboard.

- In case you haven't filled all fields an error message appears that forces you to fill them, like the following:

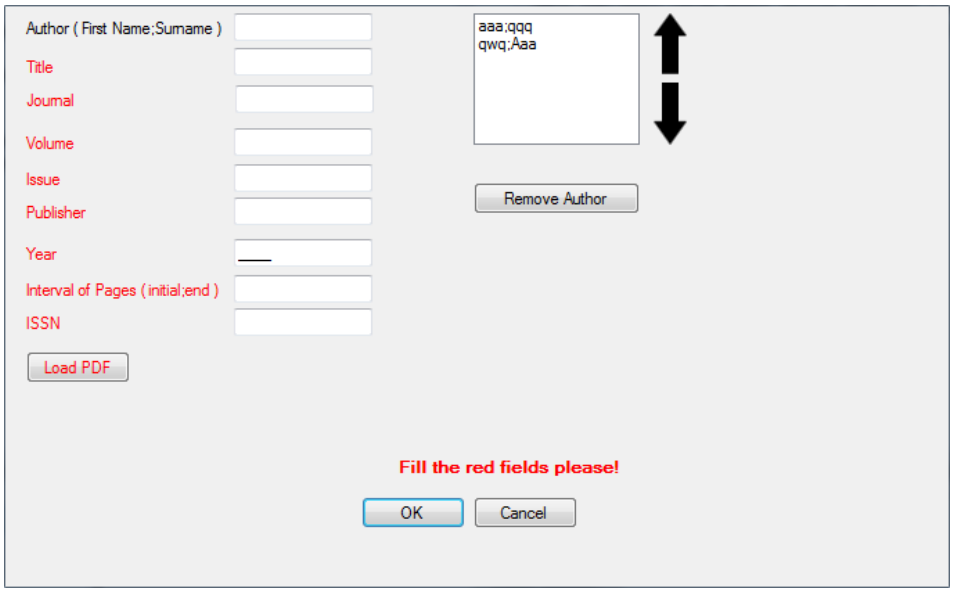

Figure29 – Obligatory fields – "Journal"

3.2.2. Remove publication

- In case you wish to remove a scientific publication, click with the right mouse button on top of the publication you wish to removethen click with the left mouse button in “Delete”.

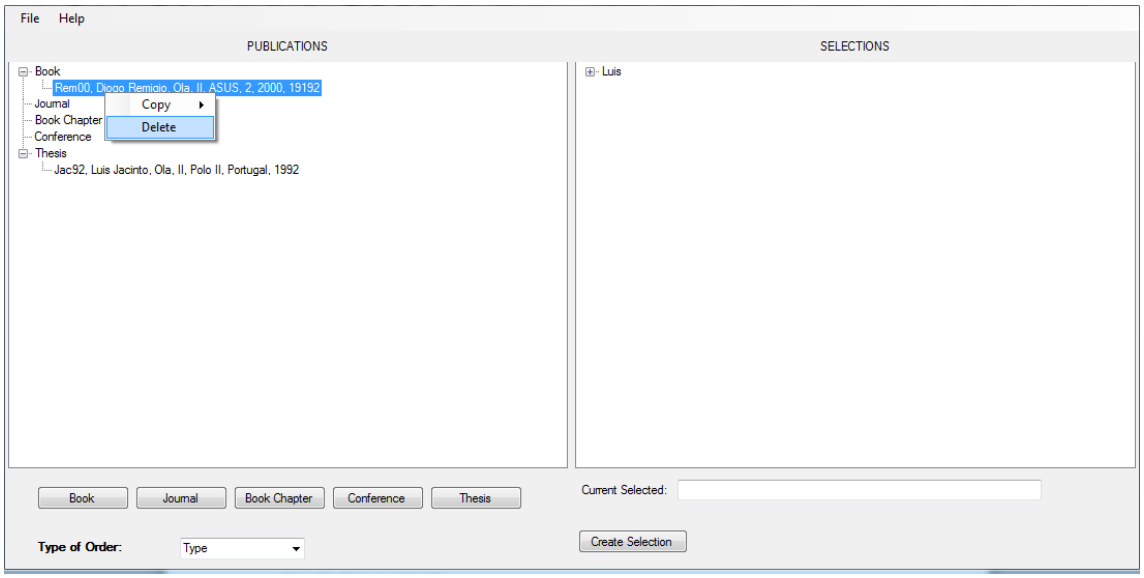

Figure30 – Remove publication

3.2.3. Visualize Publication

- To visualize a scientific publication simply double click on it with the left mouse button.

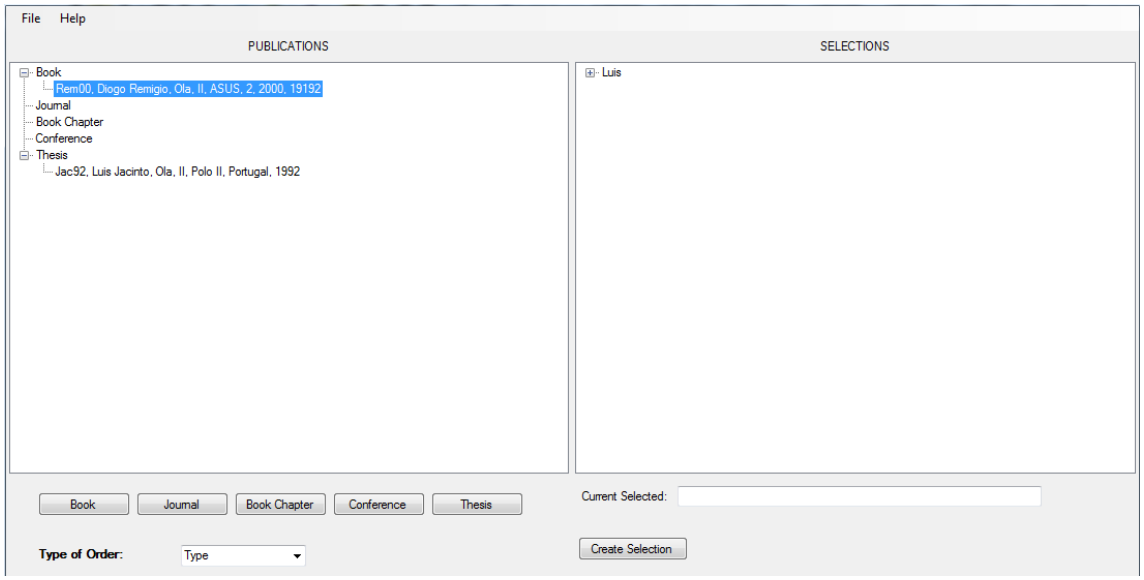

Figure31 – Visualize publication

3.2.4. Copy citation key

- To copy the citation key simply click with the right mouse button on top of the publication you wish to copy the citation key -> copy -> Citation Key

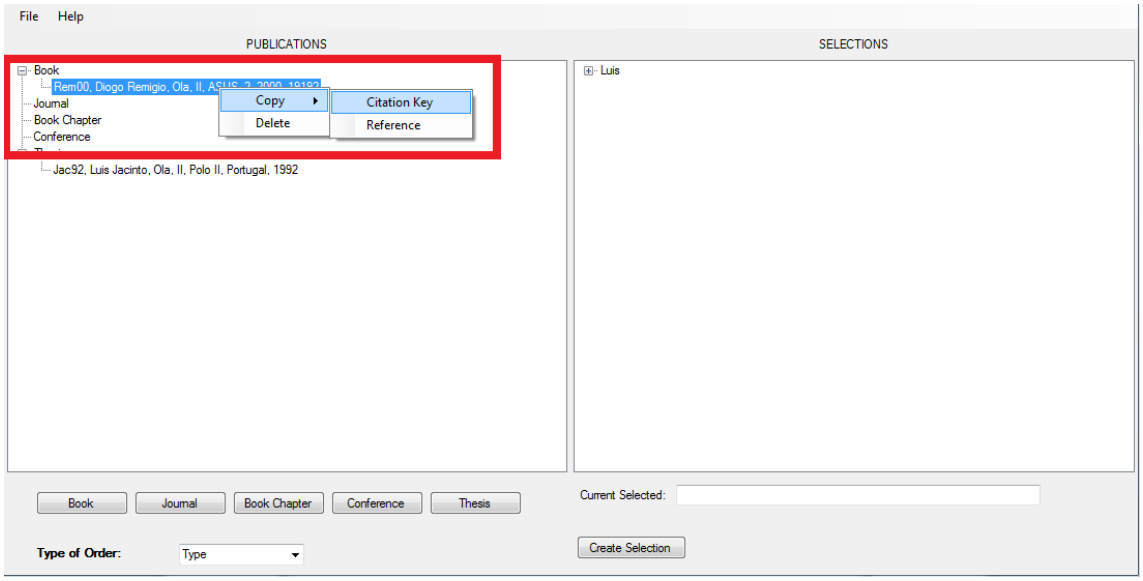

Figure32 – Copy citation key.

3.2.5. Copy publication reference

- To copy the reference simply click with the right mouse button on top of the publication you wish to copy the citation key -> copy -> Reference.

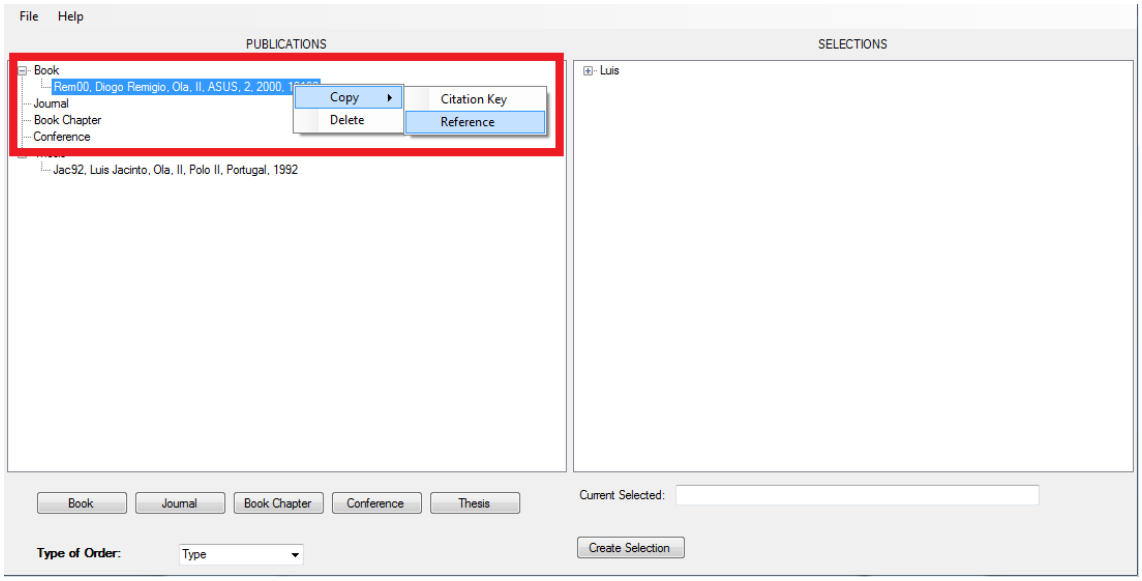

Figure33 – Copy publication reference.

3.2.6. Sorting publications

In this section we will present how to sort publications. You may sort by alphabetic order of the last letter of the last name of the first author, sort by year or sort by type of publication.

3.2.6.1 Sorting by year

To sort the publications by year select “year” on the “Type of Order” submenu, like the following:

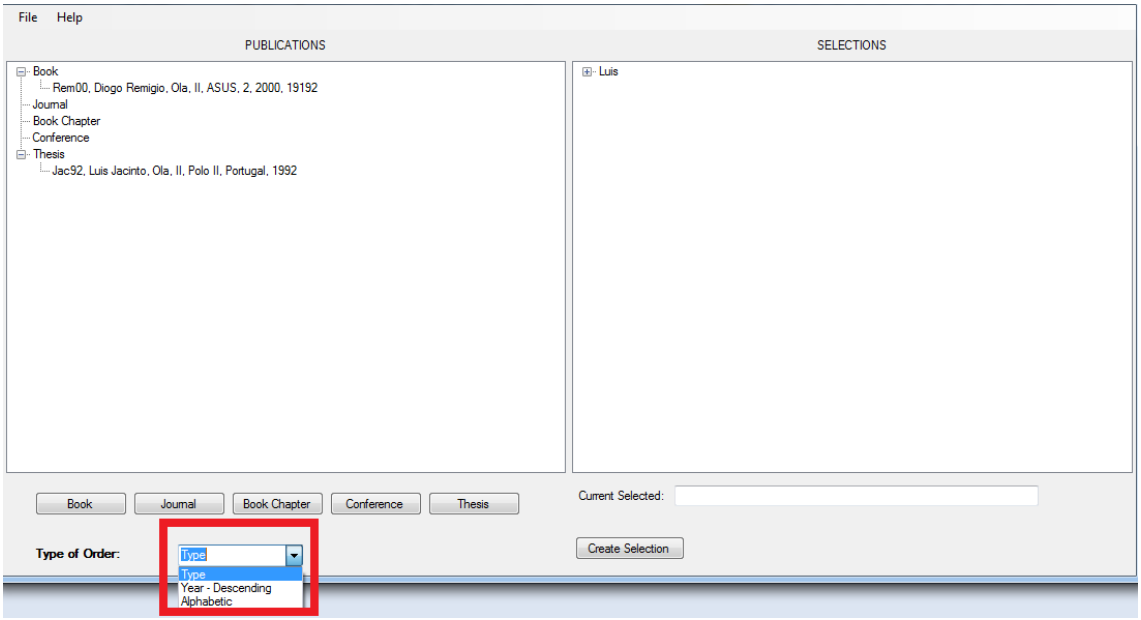

Figure34 – Sorting by year.

This will result (example):

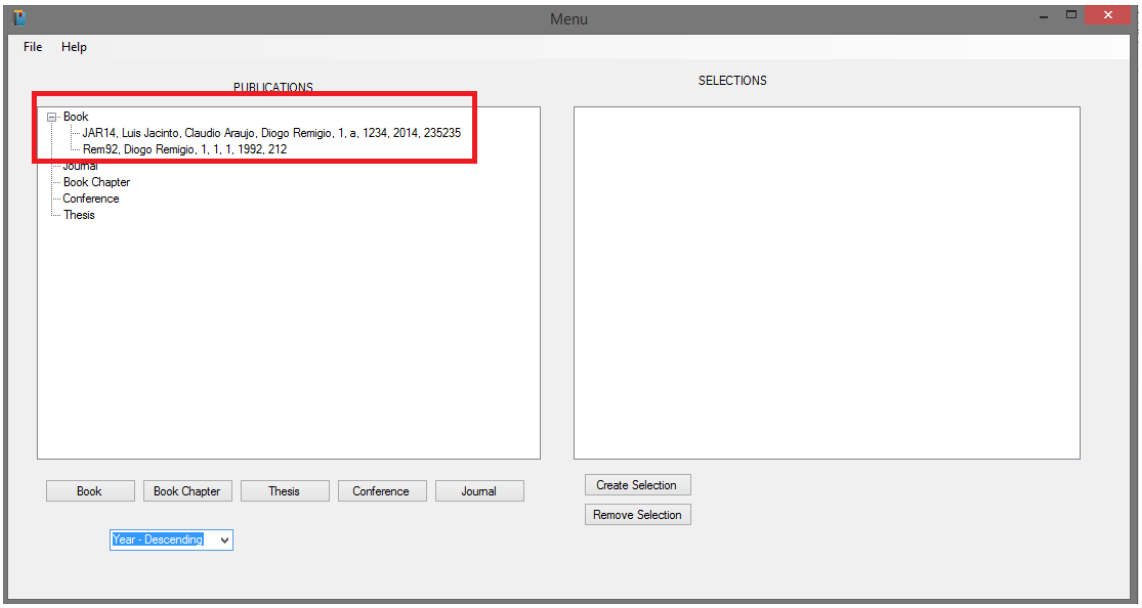

Figure35 – Example of publications sorted by year.

3.2.6.2 Sorting by alphabetic order of the last letter of the last name of the first author

To sort by alphabetic order of the last letter of the last name of the first author, select “Alphabetic” the same way as mentioned above:

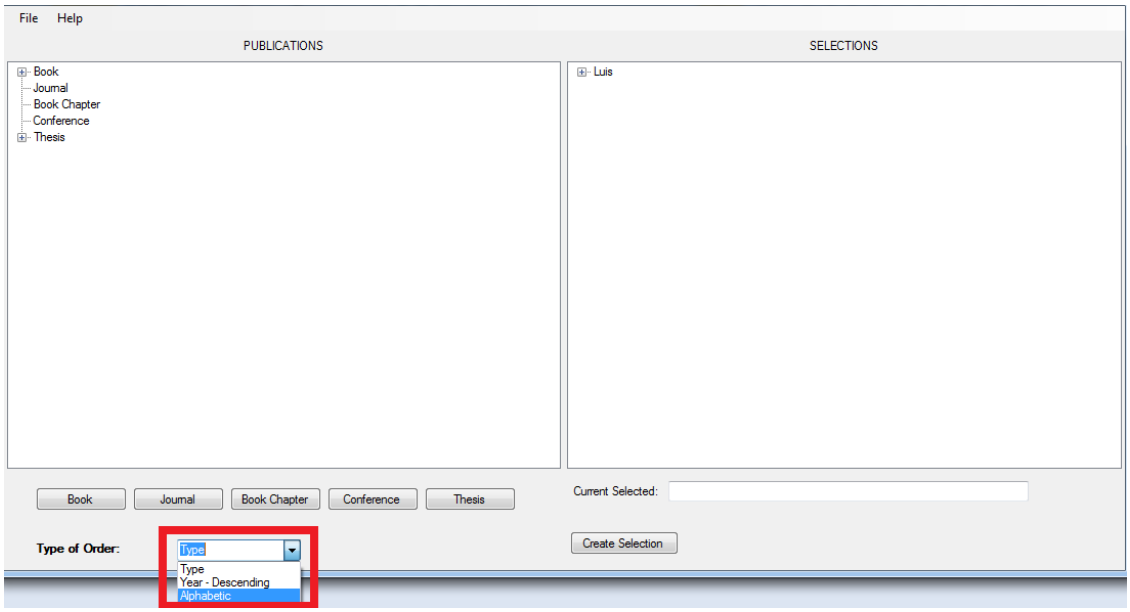

Figure36 – Sorting by alphabetic order of the last letter of the last name of the first author.

Having done the previous step (example):

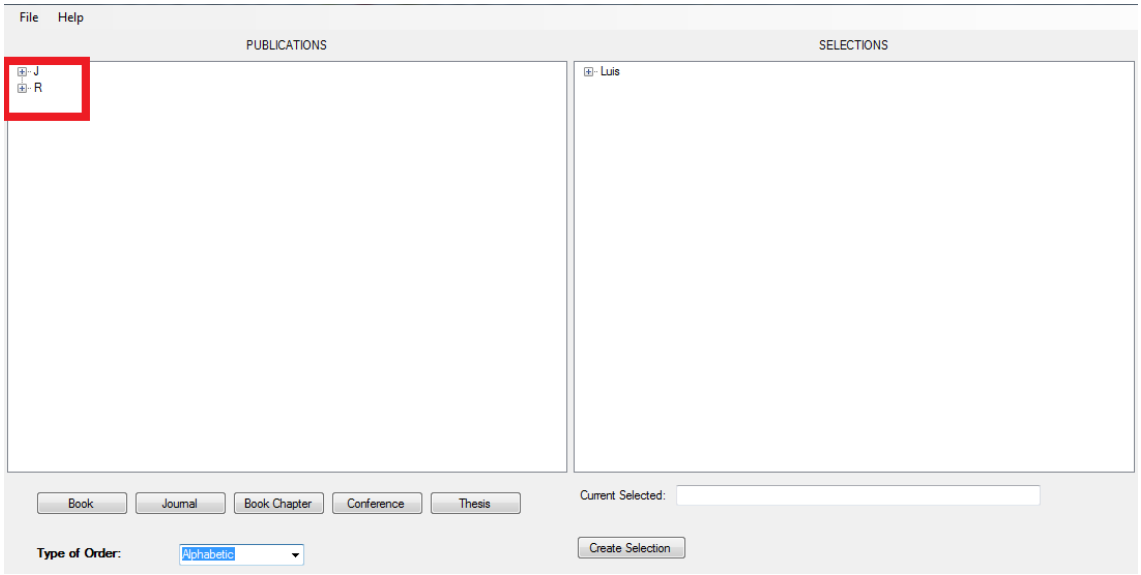

Figure37–Example of sorting by alphabetic order of the last letter of the last name of the first author.

3.2.6.3Sorting by type of publication

By(default) publications are ordered bytype. Although if you wish to order by type again the process is the same as mentioned above only now you have to select “Type”.

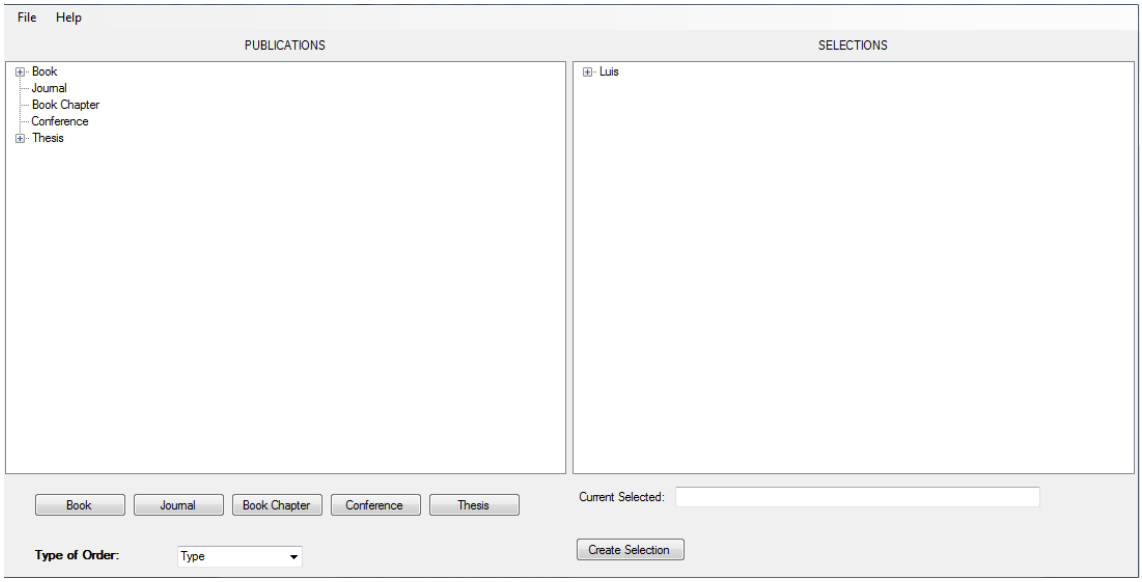

Figure38 – Sorting by type of publication.

3.3. Manage slections

3.3.1. Visualize selections

You may see existing selections on the panel “SELECTIONS”.

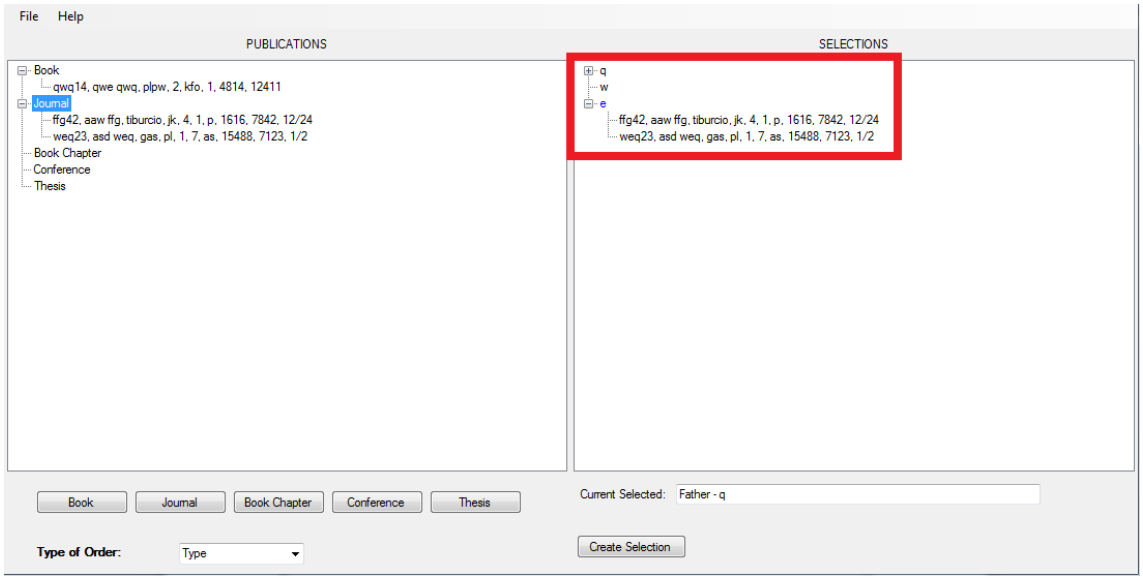

Figure39 – Visualize selections.

3.3.2. Creating a selection of publications

- To create a selection of publications simply click with the left mouse button on the button "*Create Selection*".

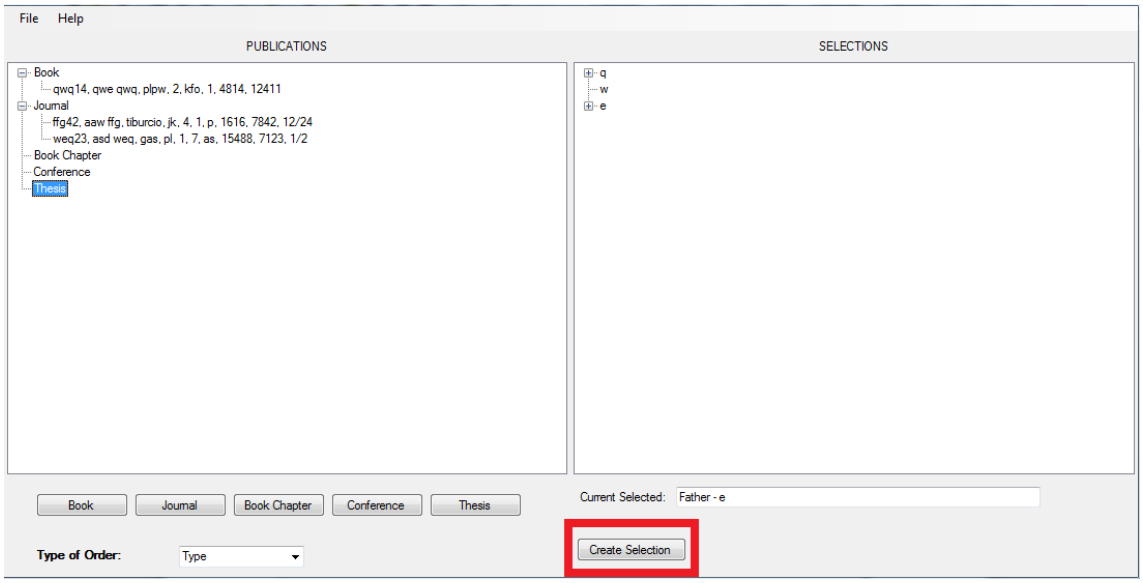

Figure40 – Creating a selection of publications.

- After clicking "Create Selection" the following will appear:

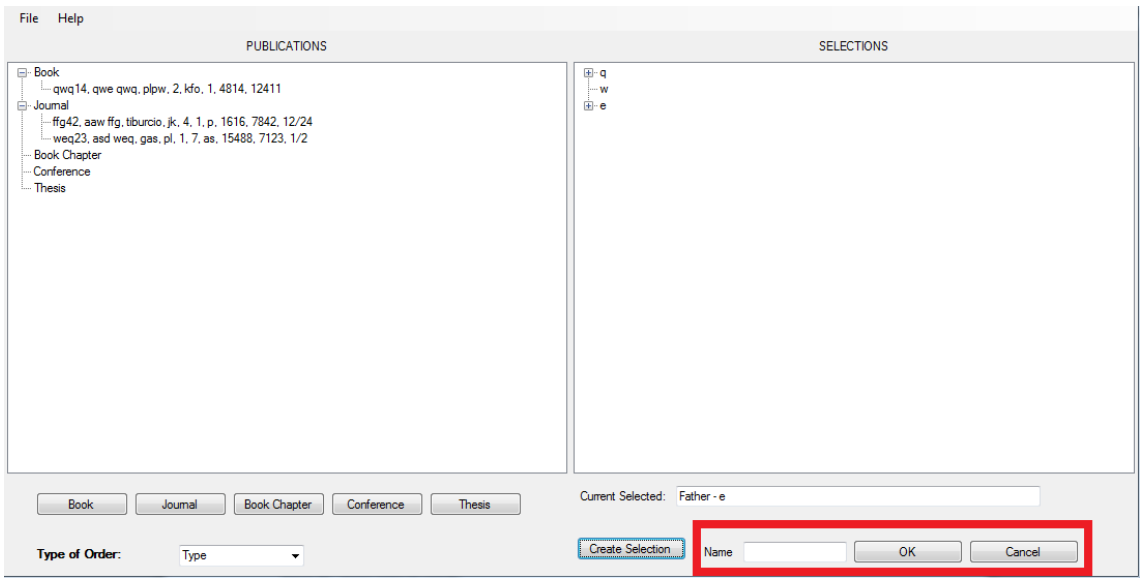

Figure41 – Insert the name of the selection

- On the field "Name" write the name you wish to give to the selection, after writing the name click with the left mouse button on the button "OK".
- After having performed the previous step the new selection will be created as you can see in the example below, for the name "Robotica":

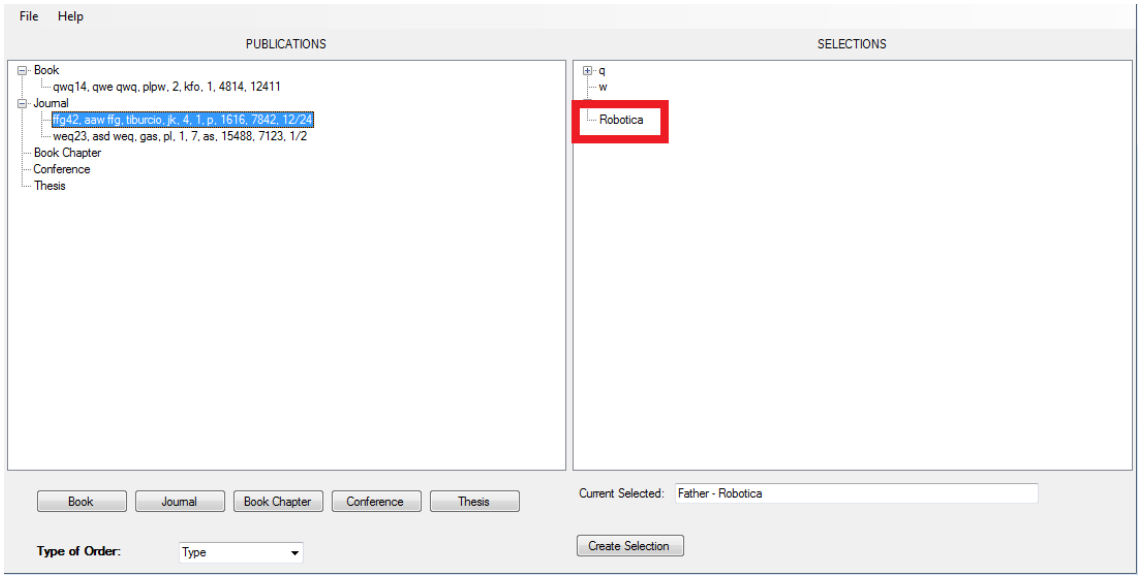

Figure42 – Main window after a new selection has been created.

The last step is how to associate a set of publications to a set of selections.

3.3.3. Associate a publication to a selection

- To associate a set of publications to a selectionsimply drag the selected publications present in the panel "*PUBLICATIONS*" to the desired selection present in the panel "SELECTIONS".

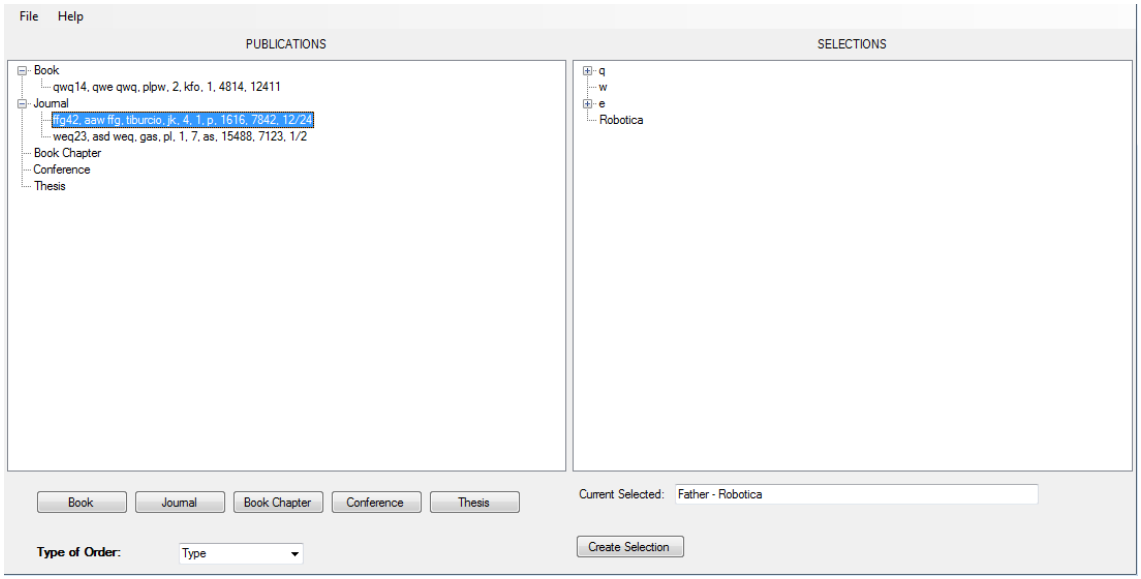

Figure43 – Associate publications to a selection (note: the desired drag action couldn't be captured).

- After having done the previous step:

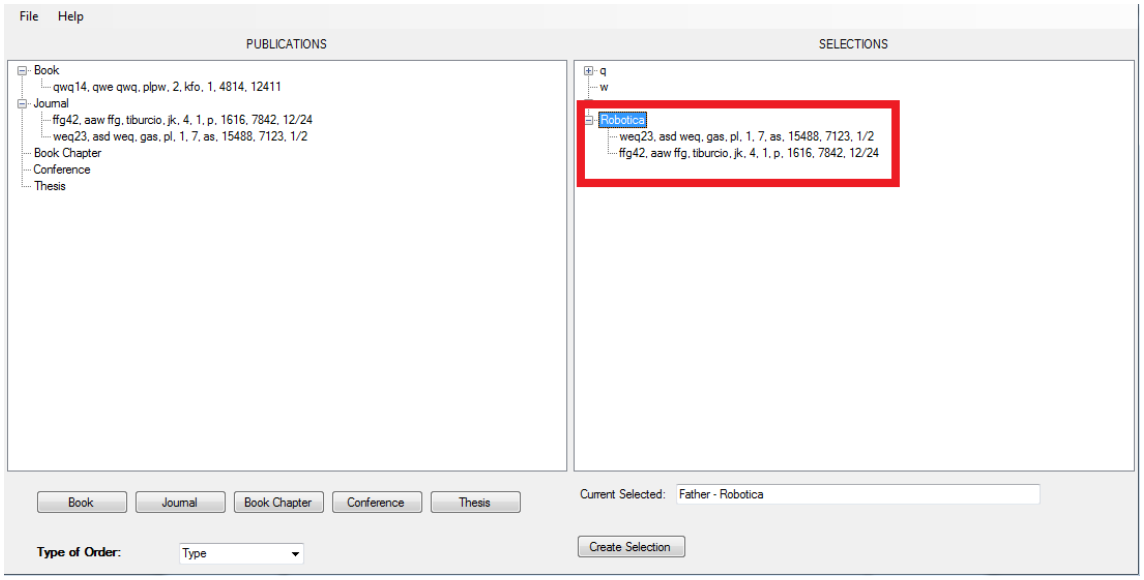

Figure44 – Results after having dragged 2 publications (example).

3.3.4. Eliminate selections

To remove a selection click with the right mouse button on top of it and then left click "Delete".

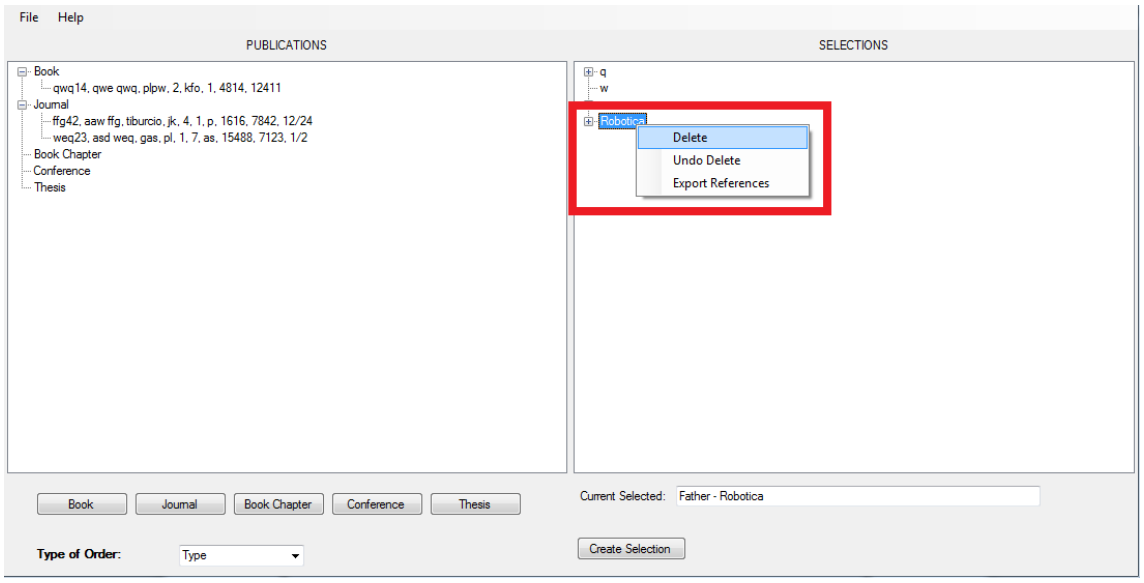

Figure45–Eliminating a selection.

- After clicking delete, the following confirmation message will appear:

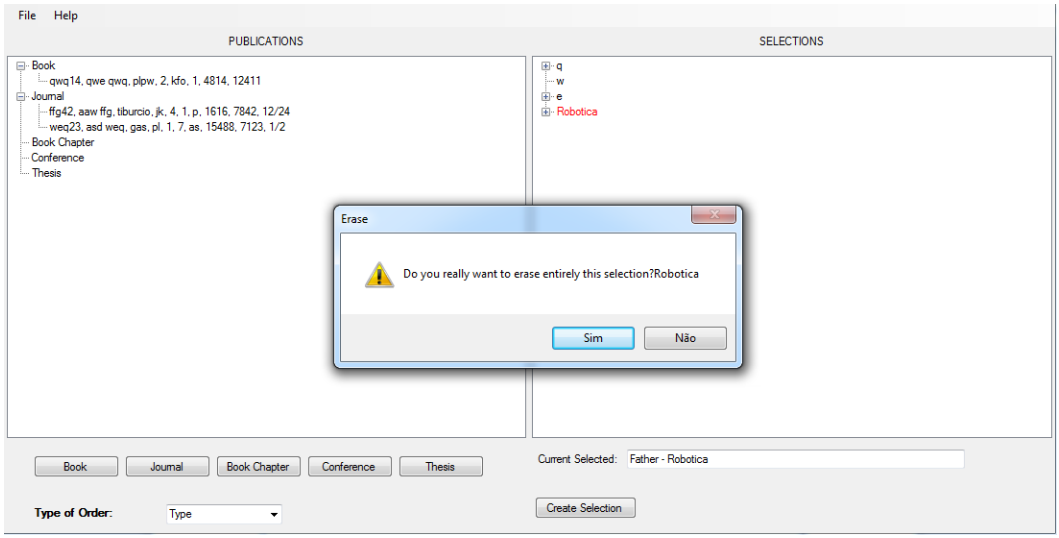

Figure46 –Confirmation window for removing a selection.

- If you chose “Yes” the selection deleted will no longer appear like in this example:

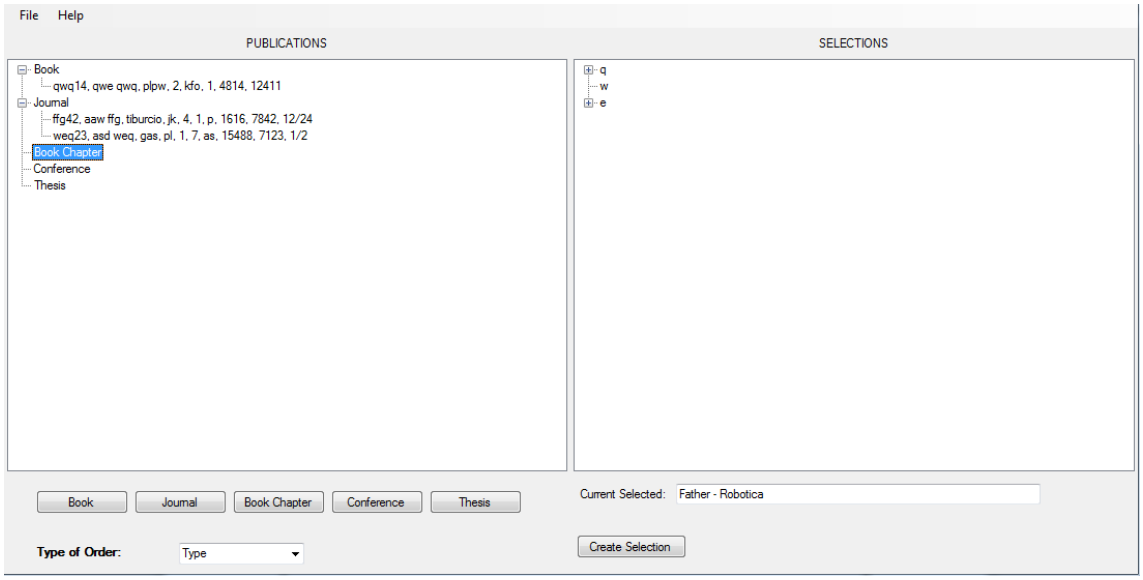

Figure47- Main window after having confirmed the deletion (example).

3.3.5. Export References

- To export references, click with the right mouse button over the selection and select “Export References” like the following image:

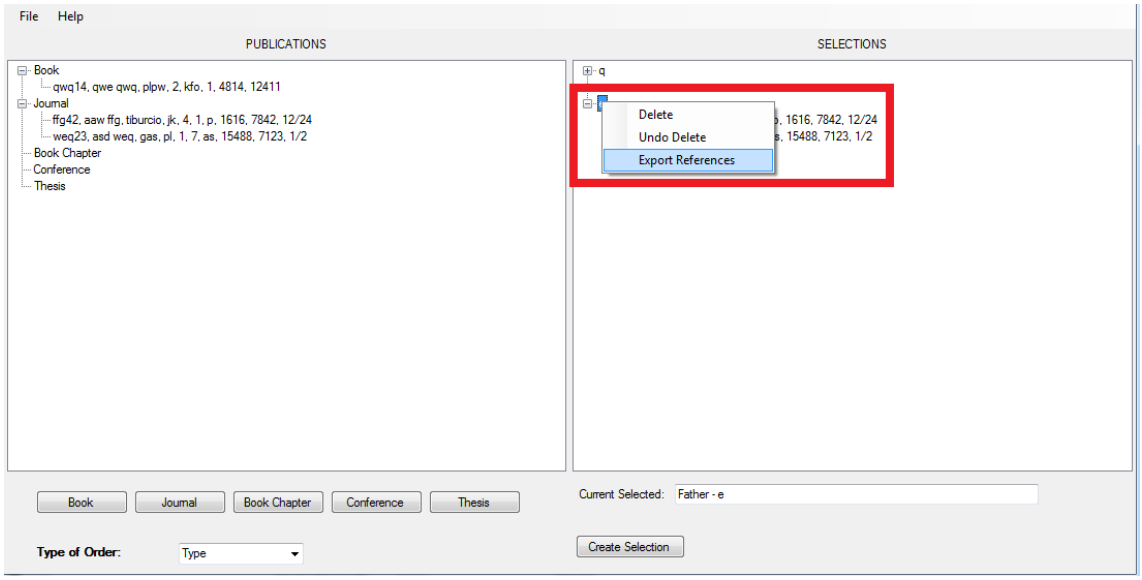

Figure 51 – Export references.

- After this select the name:

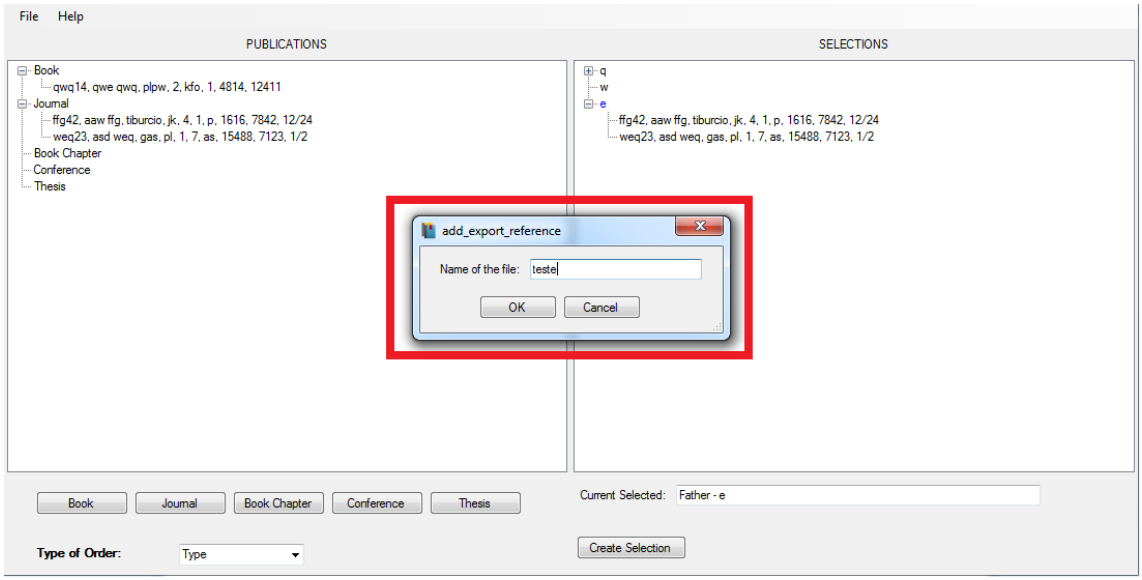

Figure 52 – Export reference, select name.

- A success message should appear:

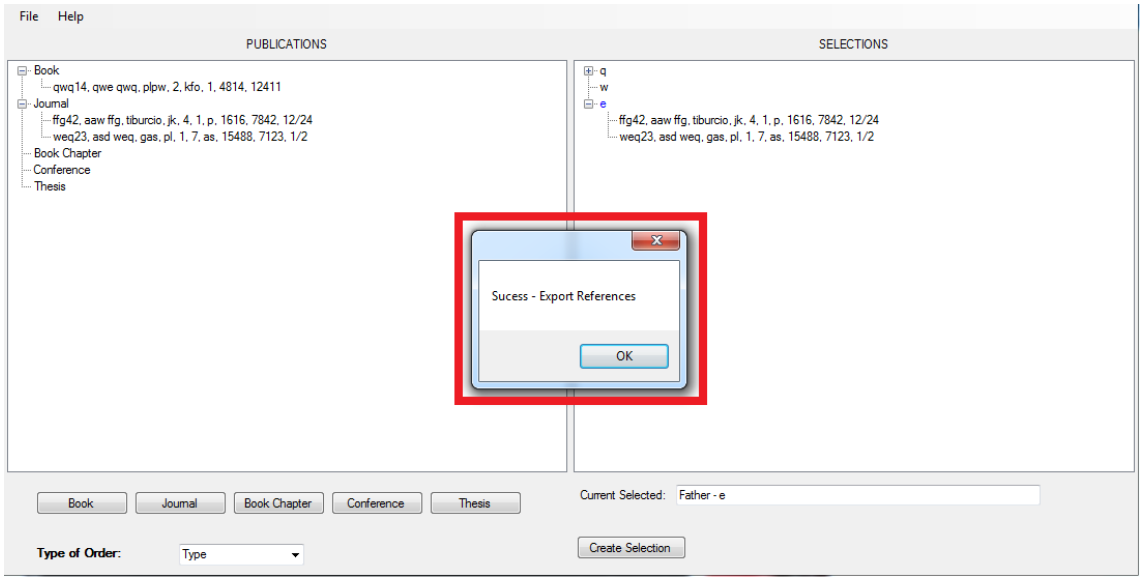

Figure 53 –Export References, success message.

3.3.6. Removing a publication in a selection

To remove a publication of a selection simply click with the right mouse button on the desired publication and then select “Delete”.

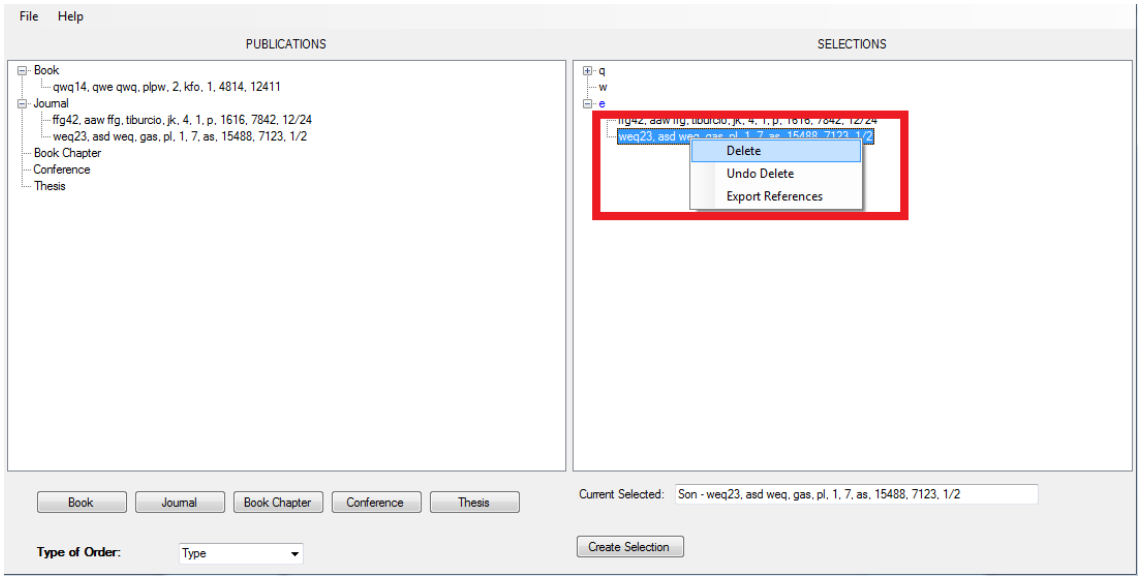

Figure484 – Remove publication of a selection.

- After having done the previous step the publication will appear in red.

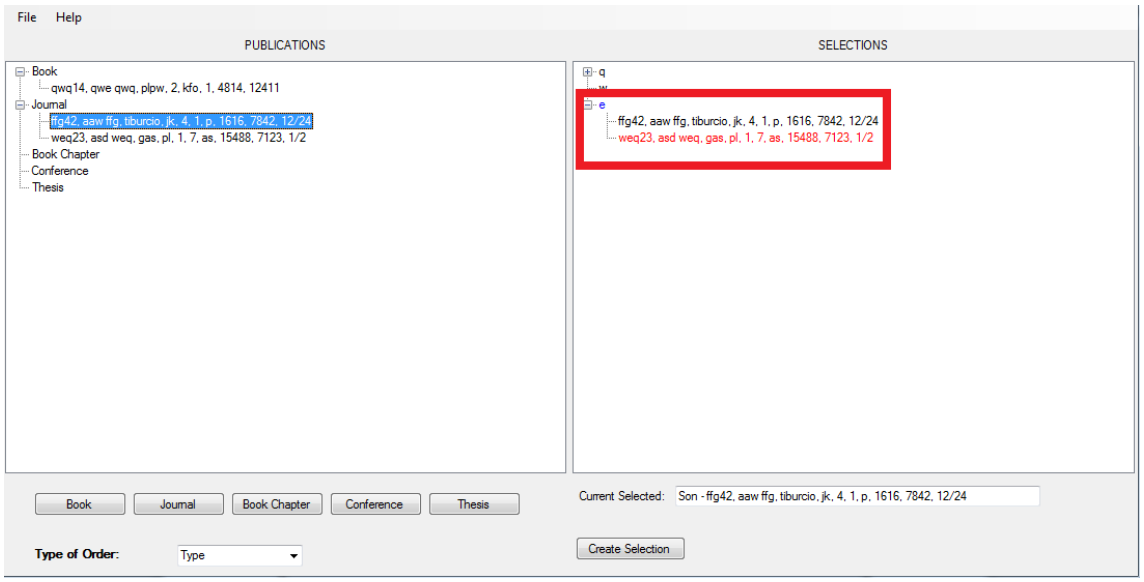

Figure495 – Removing a publication in a selection (red).

- If the node where the publication resides, is minimized and then expanded again the publication disappears :

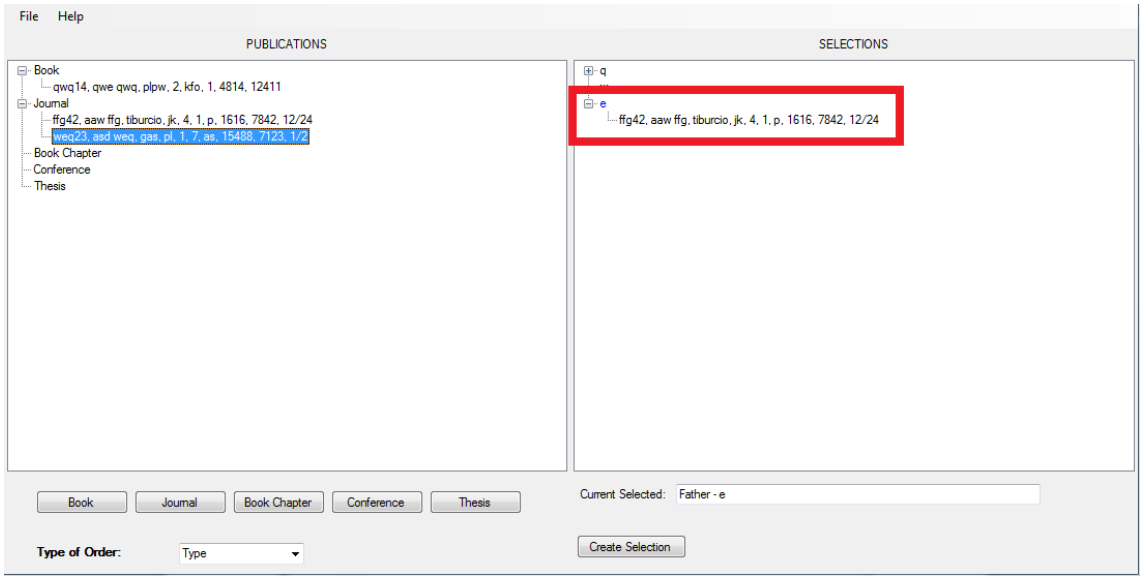

Figure56 – Publication being removed in a selection (example).

3.4 Close the application

To close the application simply click on the red cross in the upper right corner.

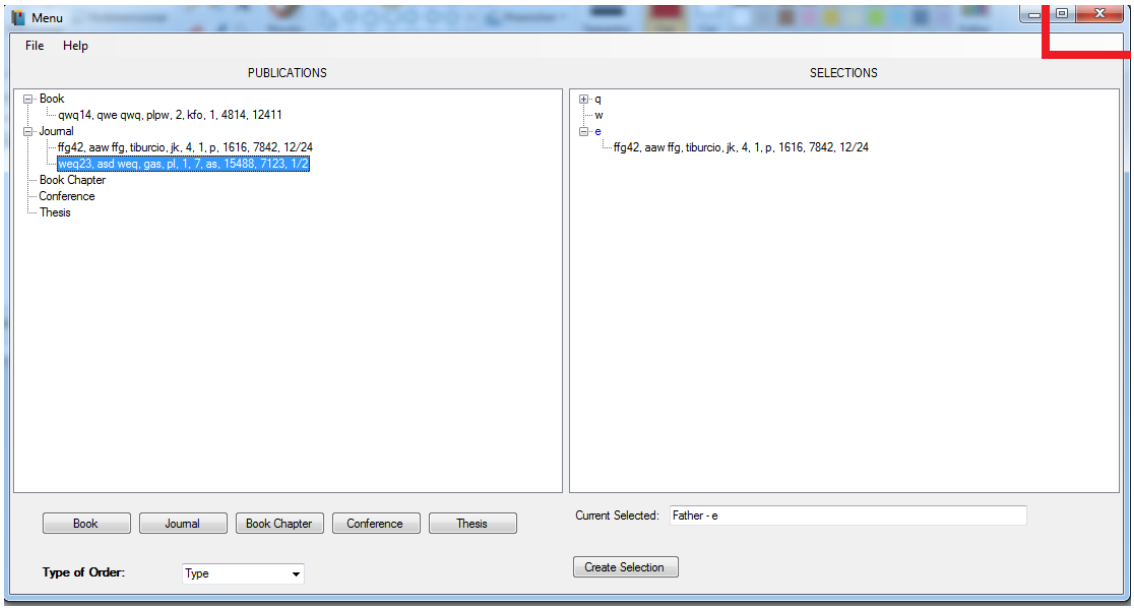

Figure57 – Closing the application

Another way to close the application is:FILE -> Exit

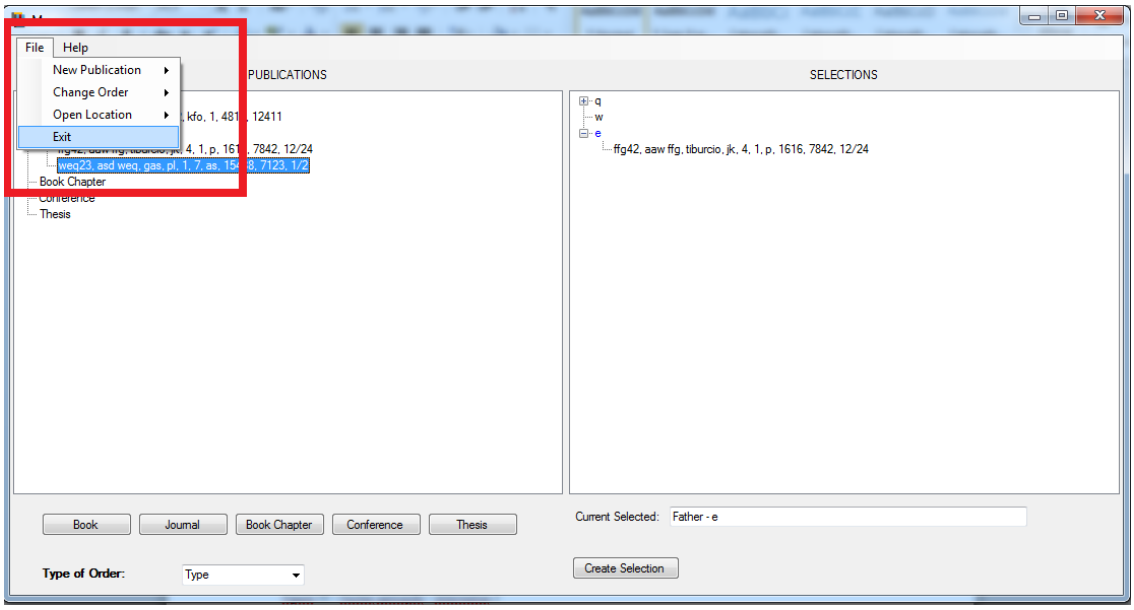

Figure508 – Closing the application – second way

After having done any of the previous steps the following confirmation message will appear:

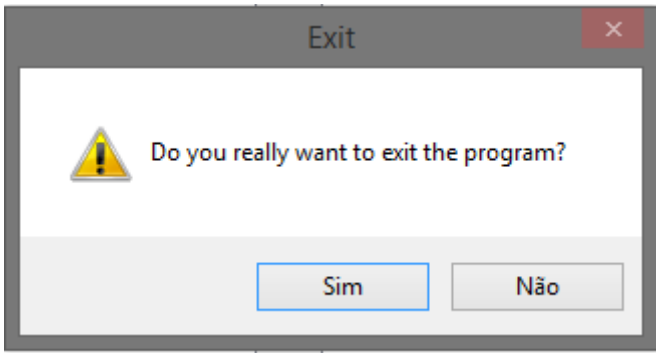

Figure59 – Confirmation message to closing the program.

Note: As said before the language in which the "Yes" and "No" button appears depends on the operative system native language all captures done previously were performed on a computer with Portuguese native language.

3.5. Help

Clicking Help ->Aboutwill pop up a window with the names of the software development team, along with a cool tune.

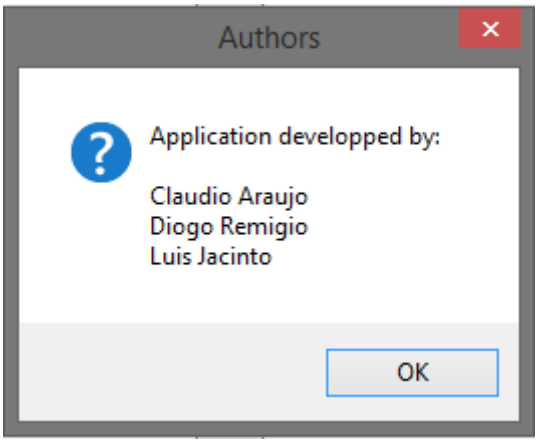

Figure 60 –Help window.

4. Help and support

These are the closing words of this manual. We hope it has been useful in any way.

For further help about our application you may contact the following*e-mails*:

- klaudiu2212@gmail.com
- diogo_f_pr@hotmail.com
- Luis.rocha.jacinto@gmail.com