

Automatic NFe Reader

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Problem:

- The continuous, repetitive and time consuming work of manually copy information from eletronic invoice report and inserting this data into excel sheets for BI purpose DashBoards.

Solution:

- The software is capable of reading pdf files and return a excel sheet for the user.
 - Multiple Reports at once.
 - Multiple Reports in one single pdf file.
 - Increment the existing sheet with more files.
 - Return feedback if the selected file are not readable by the softaware.

Numbers:

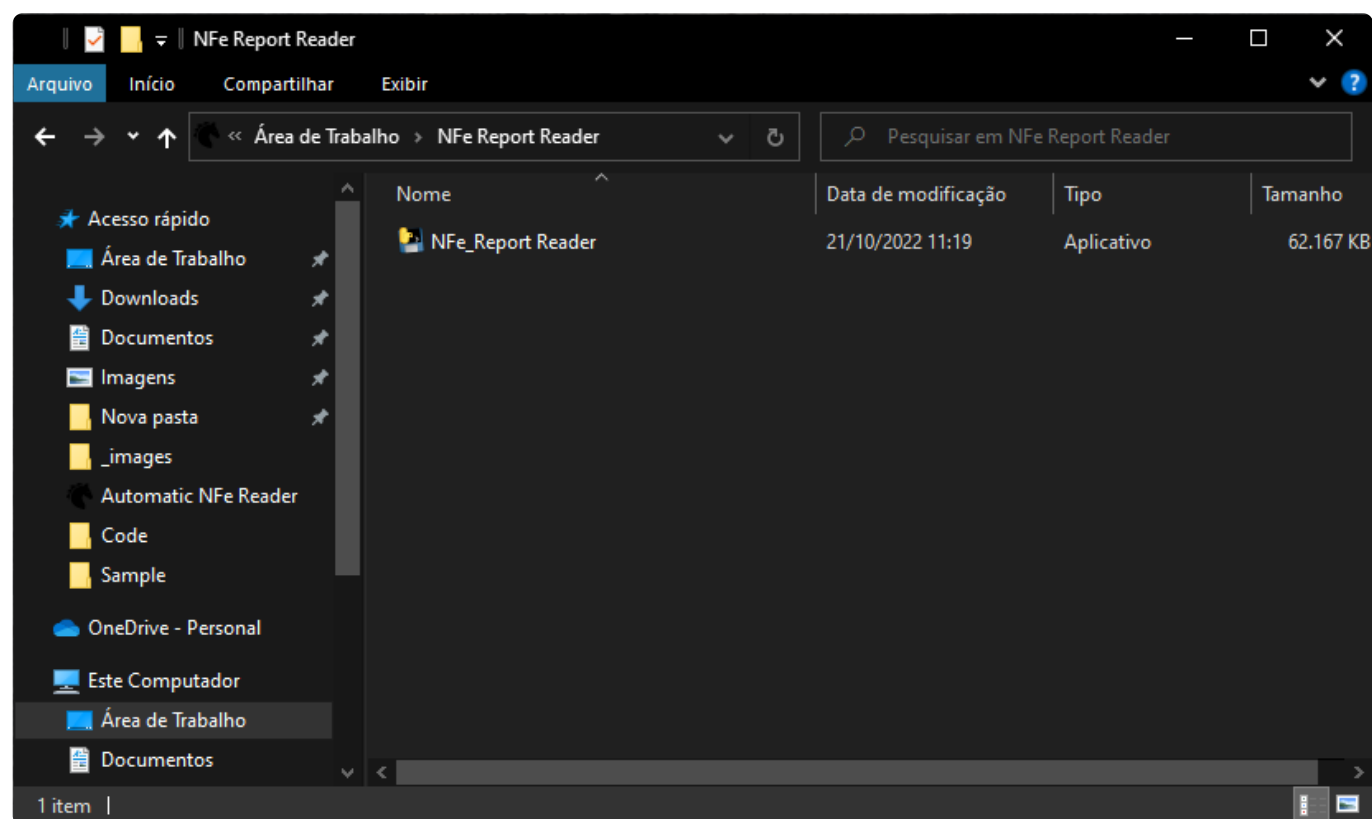
- The software can read and compile with no mistakes the number previously copied by hand.
- Manually
 - Time to copy by hand: 1 min for line.
- Automated:
 - Time to initiate: 7 s (depending on CPU)
 - Time to select files: - (depends on user)
 - Time to read files: for 300 lines under 2 s
- Considering the average of 50 reports / month
 - Brings a economy of just above 1 hour by work day

Cost

- The use of the software is free for it is made with free programming language and open libraries.
 - Software [info](#) below.

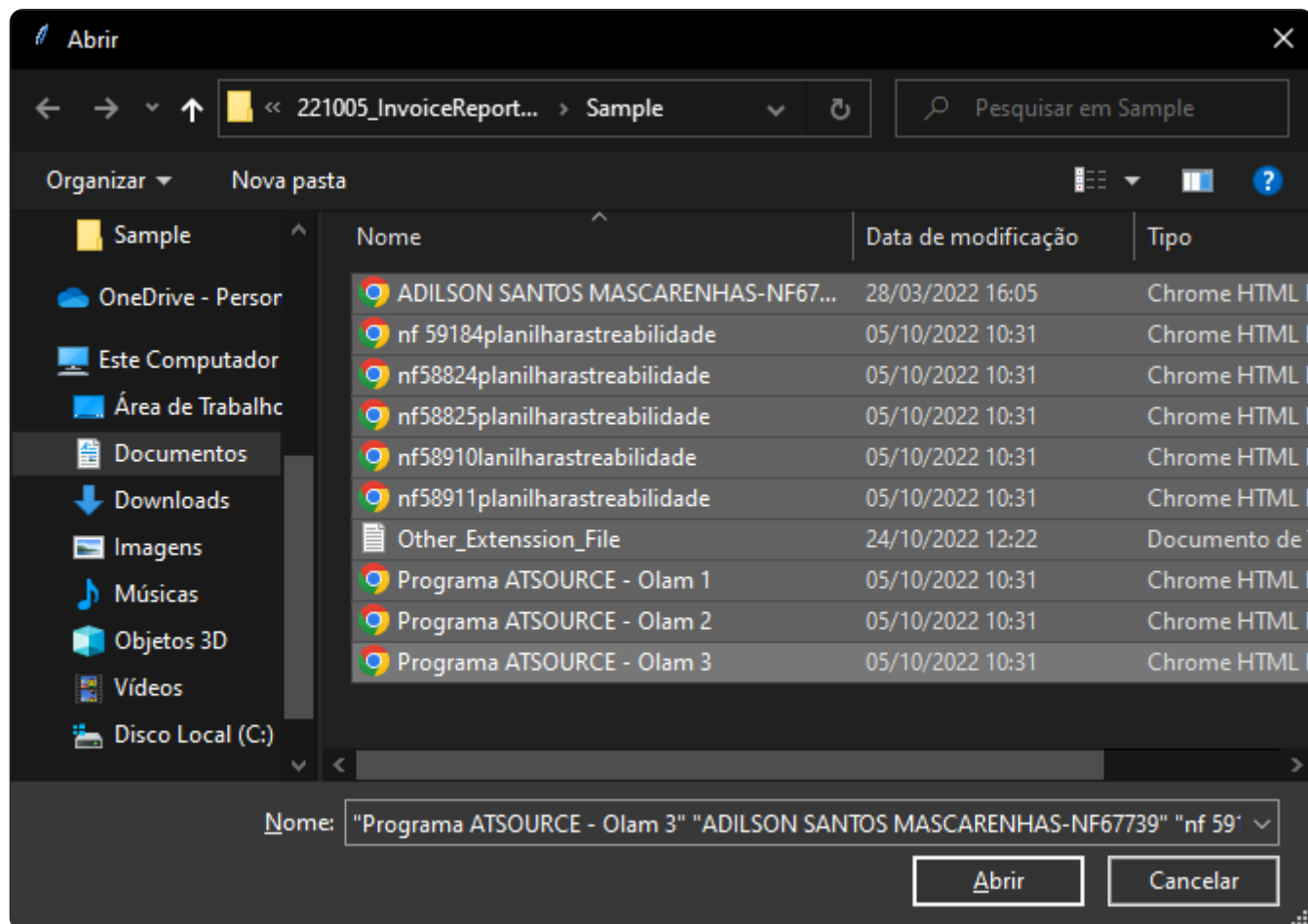
How it Works

- [Download](#) It
- Execute it.



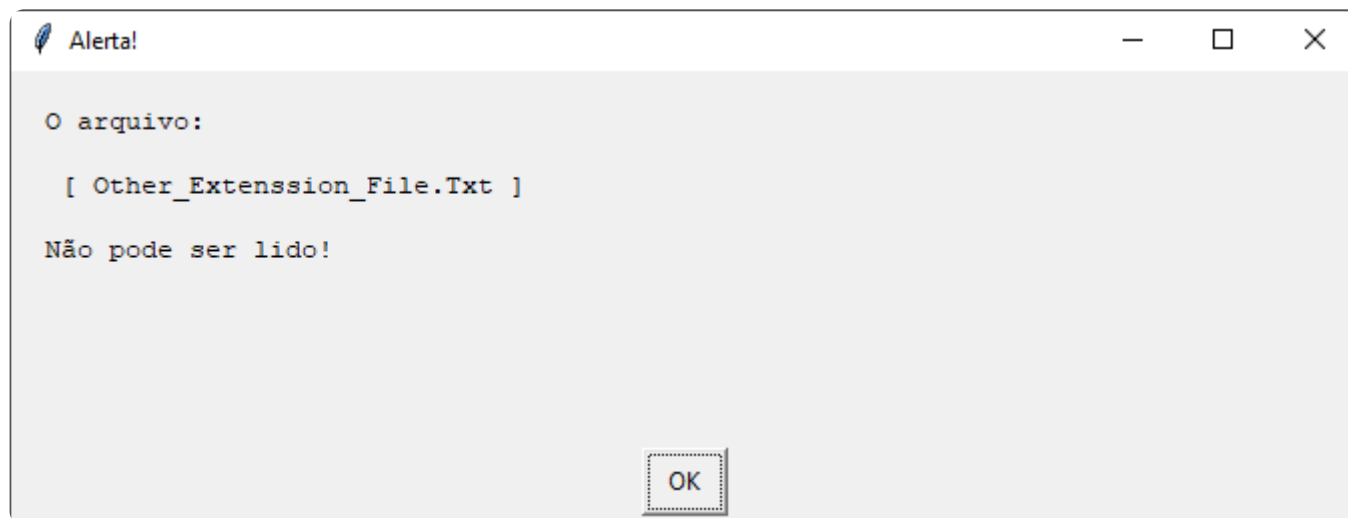
Execute the NFe_Report Reader

- Choose the files to be read



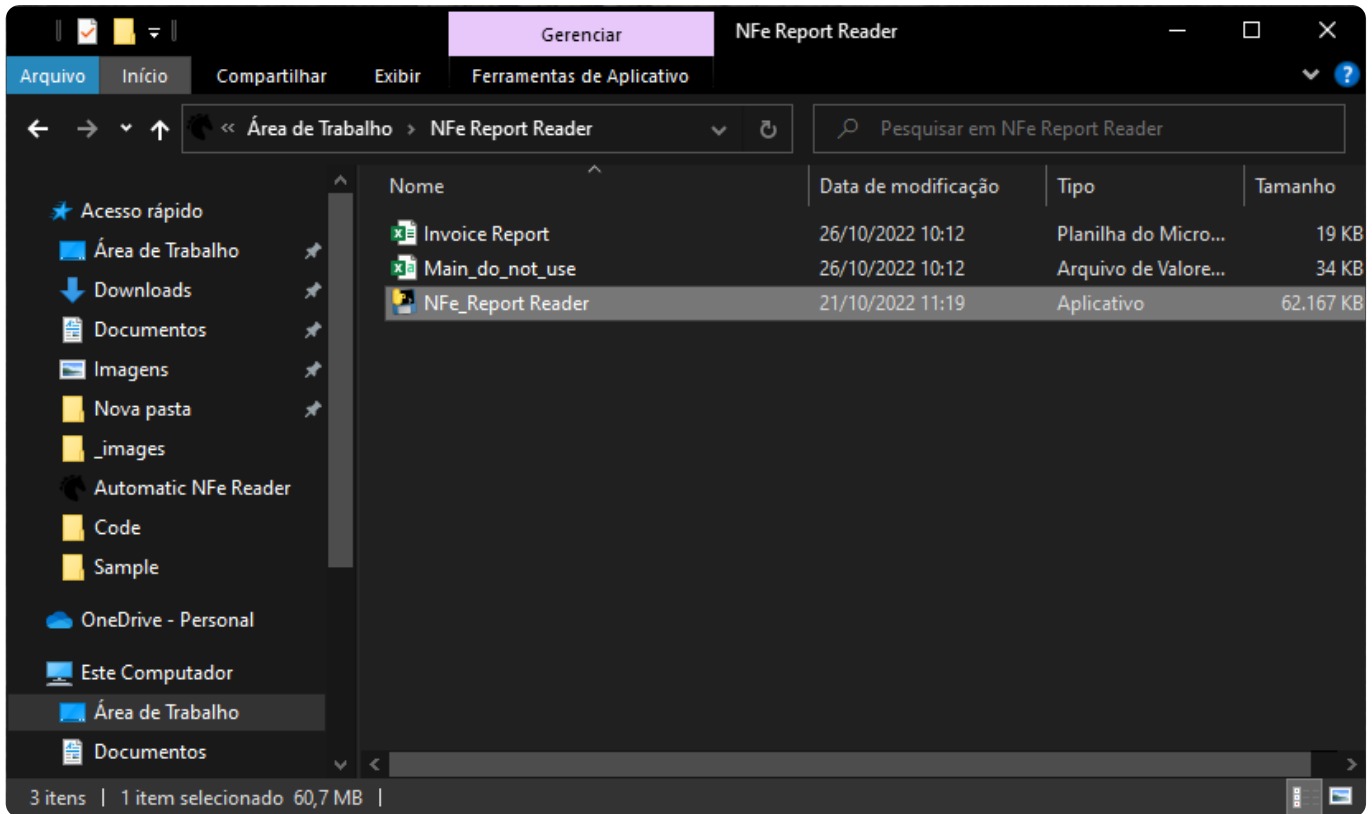
Choose the reports you want to read

- If there are alerts read them and then click ok to continue.



The alert show the name of unreadable files

- Open the ready Excel file.



Open the Invoice Report file

- Observation: If there is any need to reset the sheet you can delete both "Invoice Report" and "Main_do_not_use", the software will create a clean new one.

	A	B	C	D	E	F	G	H
1		date_of transaction	farmer_cpf	farmer	e_numbr	quantity_(KG)	key	file_name
2	0	17/03/2022	059.034.515-00	Lindoval Jesus Da Silva	19957	420	2922030155587700010155002000019957108491213	Programa ATSOURCE - Olam 3.pdf
3	1	17/03/2022	059.034.515-00	Lindoval Jesus Da Silva	19957	420	2922030155587700010155002000019957108491213	Programa ATSOURCE - Olam 3.pdf
4	2	02/05/2022	375.389.185-15	Natanael Palma Dos Santos	20141	540	2922050155587700010155002000020141170804895	Programa ATSOURCE - Olam 3.pdf
5	3	02/05/2022	375.389.185-15	Natanael Palma Dos Santos	20141	540	2922050155587700010155002000020141170804895	Programa ATSOURCE - Olam 3.pdf
6	4	02/05/2022	375.389.185-15	Natanael Palma Dos Santos	20141	540	2922050155587700010155002000020141170804895	Programa ATSOURCE - Olam 3.pdf
7	5	02/05/2022	375.389.185-15	Natanael Palma Dos Santos	20141	540	2922050155587700010155002000020141170804895	Programa ATSOURCE - Olam 3.pdf
8	6	14/02/2022	394.087.955-04	Maria Eunice Alves Dos Santos	19795	480	2922020155587700010155002000019795146083056	Programa ATSOURCE - Olam 3.pdf
9	7	14/02/2022	394.087.955-04	Maria Eunice Alves Dos Santos	19795	480	2922020155587700010155002000019795146083056	Programa ATSOURCE - Olam 3.pdf
10	8	26/04/2022	736.667.005-78	Juliana Ramos Eca Santos	20082	600	2922040155587700010155002000020082143190997	Programa ATSOURCE - Olam 3.pdf
11	9	26/04/2022	736.667.005-78	Juliana Ramos Eca Santos	20082	600	2922040155587700010155002000020082143190997	Programa ATSOURCE - Olam 3.pdf
12	10	26/04/2022	736.667.005-78	Juliana Ramos Eca Santos	20082	600	2922040155587700010155002000020082143190997	Programa ATSOURCE - Olam 3.pdf
13	11	26/04/2022	736.667.005-78	Juliana Ramos Eca Santos	20082	600	2922040155587700010155002000020082143190997	Programa ATSOURCE - Olam 3.pdf
14	12	21/06/2022	053.087.785-66	Ivanildo De Jesus Zorante	20929	670	2922060155587700010155002000020929114289710	Programa ATSOURCE - Olam 3.pdf
15	13	21/06/2022	053.087.785-66	Ivanildo De Jesus Zorante	20929	670	2922060155587700010155002000020929114289710	Programa ATSOURCE - Olam 3.pdf
16	14	21/06/2022	053.087.785-66	Ivanildo De Jesus Zorante	20929	670	2922060155587700010155002000020929114289710	Programa ATSOURCE - Olam 3.pdf
17	15	21/06/2022	053.087.785-66	Ivanildo De Jesus Zorante	20929	670	2922060155587700010155002000020929114289710	Programa ATSOURCE - Olam 3.pdf
18	16	21/06/2022	053.087.785-66	Ivanildo De Jesus Zorante	20929	70	2922060155587700010155002000020929114289710	Programa ATSOURCE - Olam 3.pdf
19	17	12/09/2022	563.864.945-04	Jose De Jesus	21227	2400	2922090155587700010155002000021227195143952	Programa ATSOURCE - Olam 3.pdf

The excel file should look like this.

Technical Information

- **Language:** Python 3.9.12
- **libs:** certifi==2022.9.24; charset-normalizer==2.1.1; ci-info==0.3.0; click==8.1.3; colorama==0.4.5; configobj==5.0.6; configparser==5.3.0; easygui==0.98.3; et-xmlfile==1.1.0; etelemetry==0.3.0; filelock==3.8.0; fitz==0.0.1.dev2; future==0.18.2; httpplib2==0.20.4; idna==3.4; isodate==0.6.1; looseversion==1.0.1; lxml==4.9.1; networkx==2.8.7; nibabel==4.0.2; nipy==1.8.5; numpy==1.23.3; openpyxl==3.0.10; packaging==21.3; pandas==1.5.0; pathlib==1.0.1; prov==2.0.0; pydot==1.4.2;

PyMuPDF==1.20.2; pyparsing==3.0.9; python-dateutil==2.8.2; pytz==2022.4; pyxnat==1.5;
rdflib==6.2.0; regex==2022.9.13; requests==2.28.1; scipy==1.9.2; simplejson==3.17.6; six==1.16.0;
tk==0.1.0; traits==6.3.2; urllib3==1.26.12

- **Compatibility:** Windows 8 and newer.
- **Developed for:** OFI - Olam Food Ingredients - Brazil
 - [linkedIn](#)
- **Developer:** Felipe Baldim Guerra
 - [GitHub](#)
 - [LinkedIn](#)
 - [Support Email](#)