Automatic NFe Reader

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.
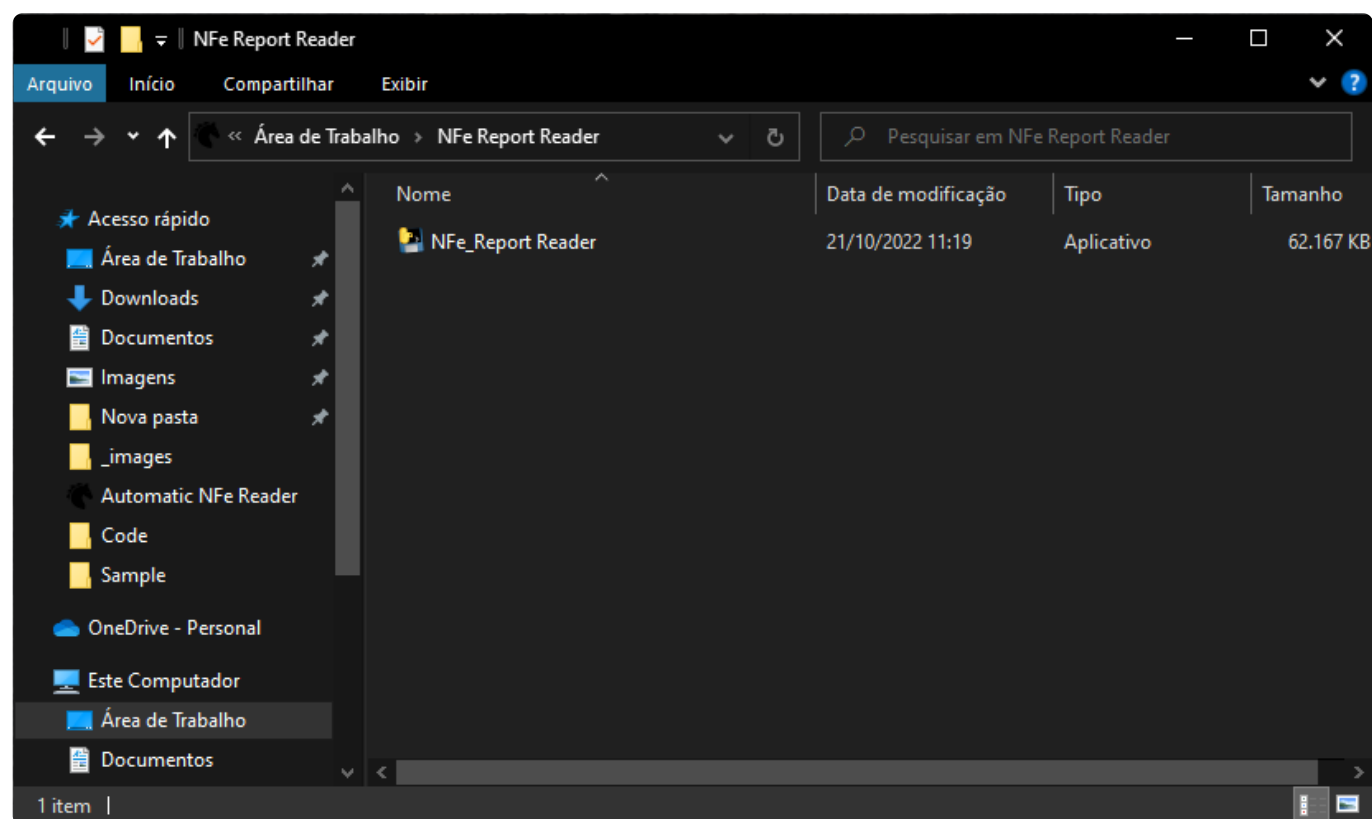
Numbers:

- The software can read and compile with no mistakes the number previouslly 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.
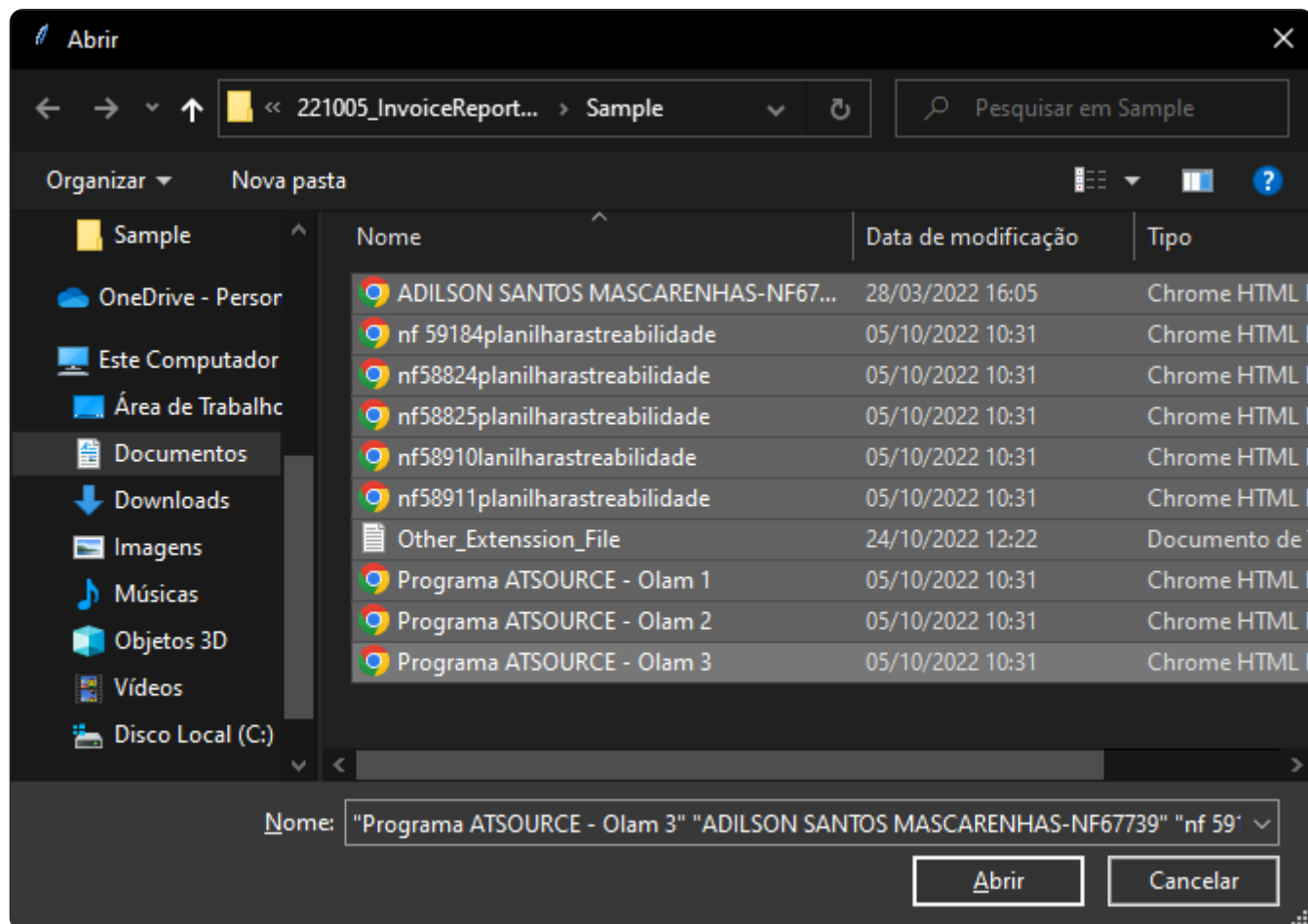 - Software info below.

How it Works
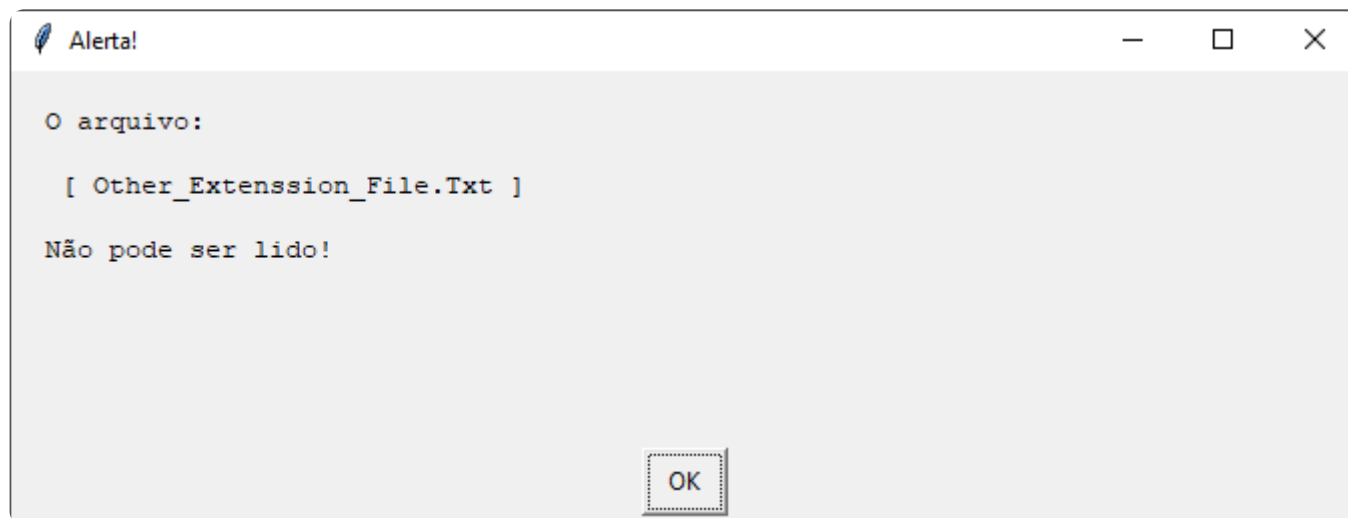
- Download It

- Execute it.

Execute the NFe_Report Reader
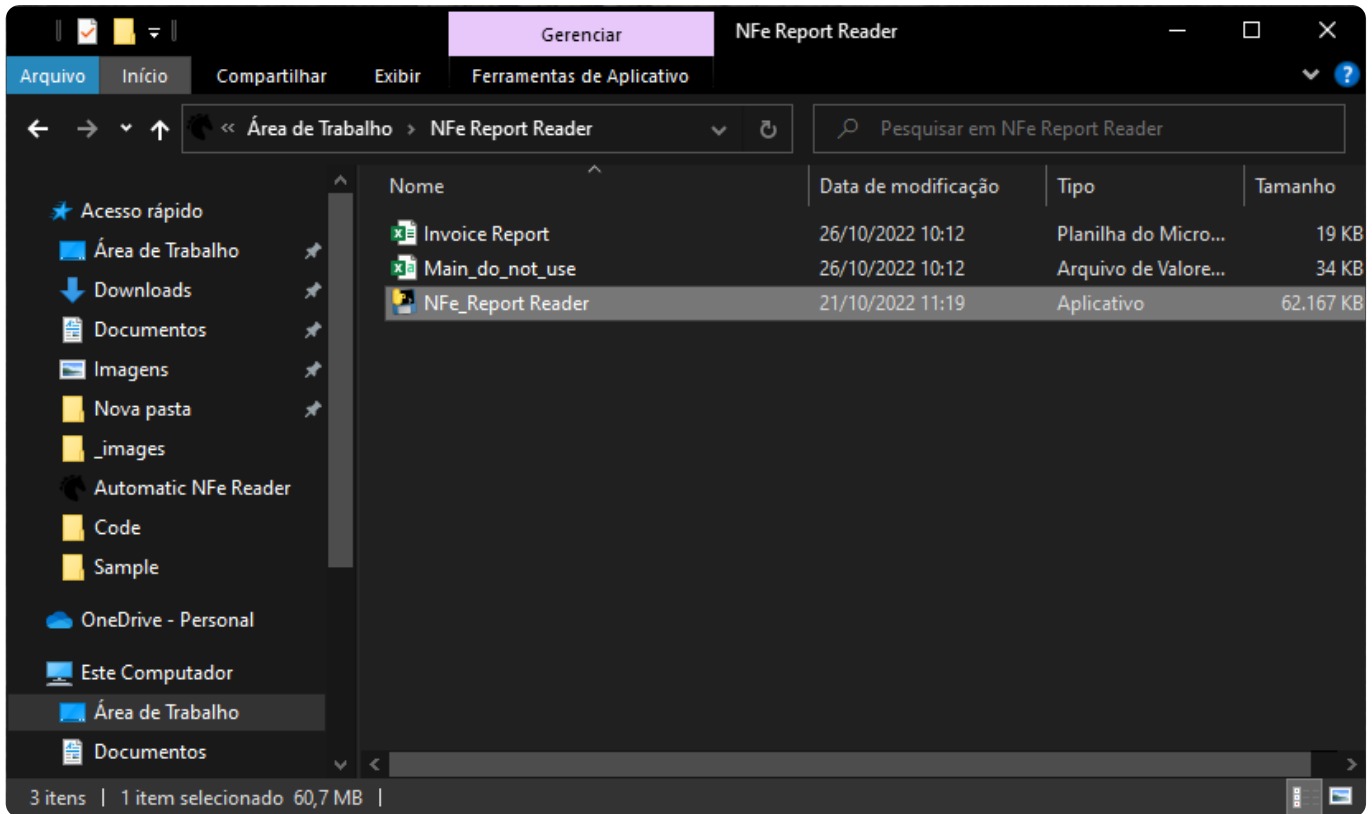
- Choose the files to be read

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.

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; httplib2==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; nipype==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