Charts Finder 2

## Welcome to Charts Finder, a powerful tool to get charts for your flight. Charts Finder 2.1 is the newest version of Charts Finder, featuring an installer, auto-updater, and translations.

Features

### Freeware and open-source.

### Use a modify-able database.

### Ability to open charts after downloading.

### Ability to download multiple files for one airport.

### Easy to use graphical interface.

### Installer and auto-updater.

### Translations.

Installation

### To install the program, open the installer file and proceed with the installation. You can select where you want to install the program. The installer will make a start menu and desktop shortcut on Windows, and a menu entry on Linux.

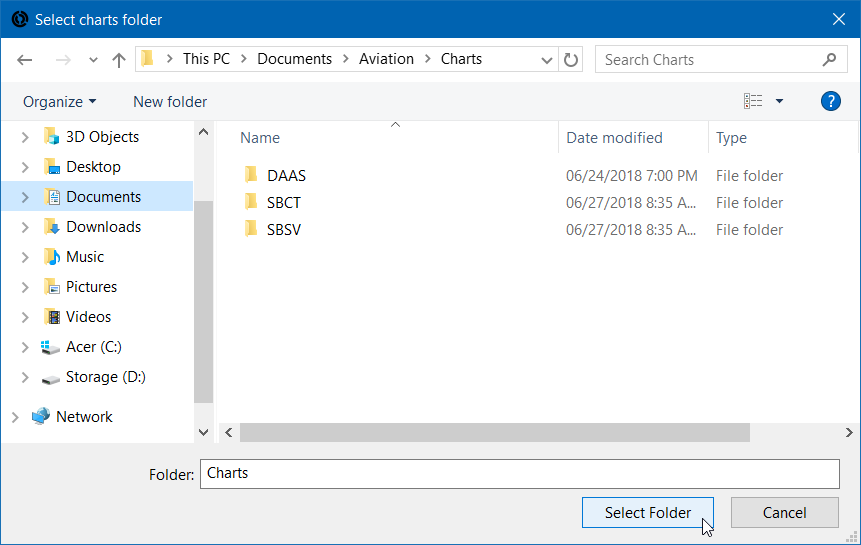
Settings

General

### Language: Select the application’s language from the list. You’ll need to restart the application to change the language.

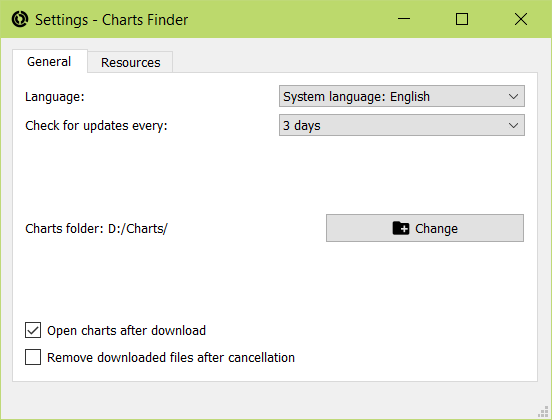
### Check for updates: Select the updates’ check interval. You can select ‘Never’ to disable checking for updates.

### Charts folder: You can select where you want to save charts. Press the ‘Change’ button to change. A dialog will appear. Select the charts folder and press ‘Select Folder’.



### Open charts after download: Check this box to open the chart’s file/folder after downloading.

### Remove downloaded files after cancellation: Check this box to remove the downloaded files if the process was canceled and some files are downloaded.

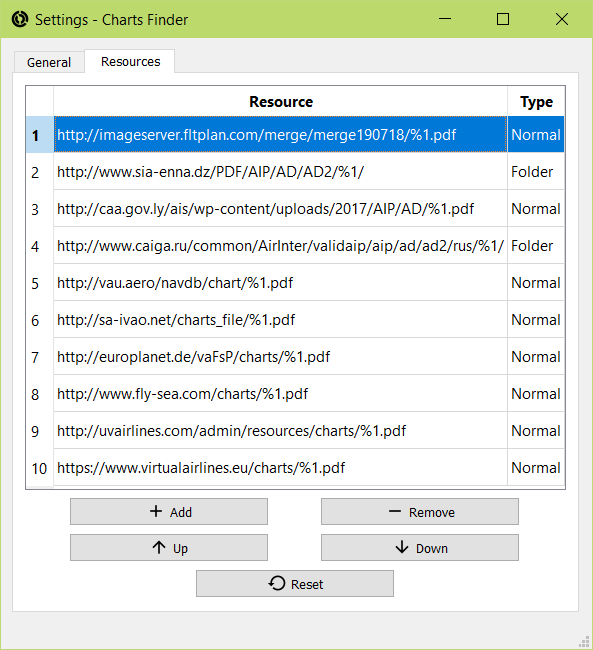


Resources

### You can modify the websites that are used by the program to download charts. There are 2 types of charts: Normal and folder charts.

### A normal chart is a single PDF file contains the whole airport charts. That means the entire airport charts are put into one PDF file. The program will download the file normally inside the charts folder.

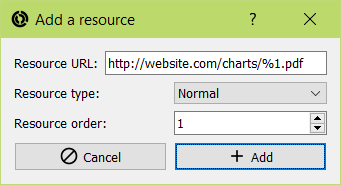
### A folder chart is multiple PDF files. Every chart is put into a PDF file, so multiple files must be downloaded to complete the airport charts. The program will download every PDF file exists in the provided URL.



### To add a resource, press ‘Add’ button. The addition dialog will appear. Add the URL in the following syntax for normal charts: [http://website.com/charts/%1.pdf](http://website.com/charts/%251.pdf), and the following for folder charts: [http://website.com/charts/%1/](http://website.com/charts/%251/). %1 will be replaced with the airport code. If you want to download HECA charts, for example, the URL will be <http://website.com/charts/HECA.pdf>, and the chart will be downloaded. For folder charts, the URL will be <http://website.com/charts/HECA/>. The program will download all PDF files exist in that URL.

### Then you have to select the type and order. The order is important; as the program will download the chart from the first one, and if the chart doesn't exist it’ll download it from the second, etc. So the newest charts should be put first.

### Then press ‘Add’ button to add the resource to the database.



### If there is an error in the syntax, the program won’t add the resource, and a message will be shown in the status bar.

D:\abbod\Documents\ShareX\Screenshots\2019-08\ChartsFinder2_SyntaxError.png

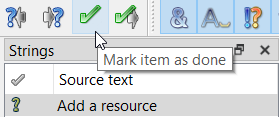
### You can change the resource’s order using ‘Up’ and ‘Down’ buttons. Select the resource and press the suitable button.

Translations

### Translations were added in version 2.1. You can translate the program to your language via templates provided with the program. The program comes with Arabic translation.

### To translate, you need Qt Linguist program. You can download it from [Softpedia](https://www.softpedia.com/get/Others/Home-Education/Qt-Linguist.shtml) for Windows, or install qtbase5-dev-tools package in Debian/Ubuntu, or the equivalent package for your distribution.

### You’ll need to translate 2 files. One for Charts Finder 2, and one for the updater program. Open chartsfinder2\_template.ts file with Qt Linguist then translate the file. Don’t forget to mark the translation as done after finishing it.



### Check ‘translations’ folder in the program installation folder if it contains a translation file for the updater program for your language: ‘qtautoupdatergui\_(language code here).qm’ (e.g. ‘qtautoupdatergui\_ar.qm’ for Arabic). If not, translate qtautoupdatergui\_template.ts file the same way.

### You might also want to translate this manual. If doing so, don’t translate words between the quotation marks and commands.

### After finishing, rename both files by replacing ‘template’ word with the two-letter [ISO 639-1 language code](https://en.wikipedia.org/wiki/List_of_ISO_639-1_codes) (e.g. ‘chartsfinder2\_ar.ts’ for Arabic). Then you need to build the files using lrelease tool provided with Qt Linguist.

### On Windows, open the command prompt in Qt Linguist folder, then run the following command: lrelease <path to the .ts file> (Without <>). If you have translated the updater program also, run the command again for it. On Linux, open the terminal and write the command directly without going to Qt Linguist folder.

### You should now have 2 files with .qm Extention, move them into’ translations’ folder in the program installation folder. The translation should appear in the languages list. Choose it and restart the program. You should see the program translated. If everything is good, you can [open an issue on GitHub](https://github.com/abdullah-radwan/ChartsFinder2/issues/new) to add the translation to the program, or you can send it to me on [my email](mailto:abbodmar@gmail.com).

Reporting bugs

### If you encounter a bug, try to remove config.cfg file exists in the program installation folder on Windows, and ~/.config/chartsfinder2 folder on Linux. If that didn’t fix the problem, report a bug.

### To report a bug, [open an issue on GitHub](https://github.com/abdullah-radwan/ChartsFinder2/issues/new) and include your config.cfg and log.txt file in the same folders above.

About

### The program is written with C++ and Qt 5. It’s open-source under GPL 3 license. You can find the source code on the [Github repository](https://github.com/abdullah-radwan/ChartsFinder2).

### Email: [abbodmar@gmail.com](mailto:abbodmar@gmail.com).

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