Charts Finder 2

## Welcome to Charts Finder, a powerful tool to get charts for your flight. Charts Finder 2.2 is the newest version of Charts Finder, featuring a new updates server, the ability to change the chart file suffix, and updated binaries.

Features

### Freeware and open-source.

### Uses 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 and uninstallation

### To install the program, open the setup 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.

### To uninstall, remove the program from the control panel as usual on Windows. On Linux, open ‘maintenancetool’ file in the program installation folder.

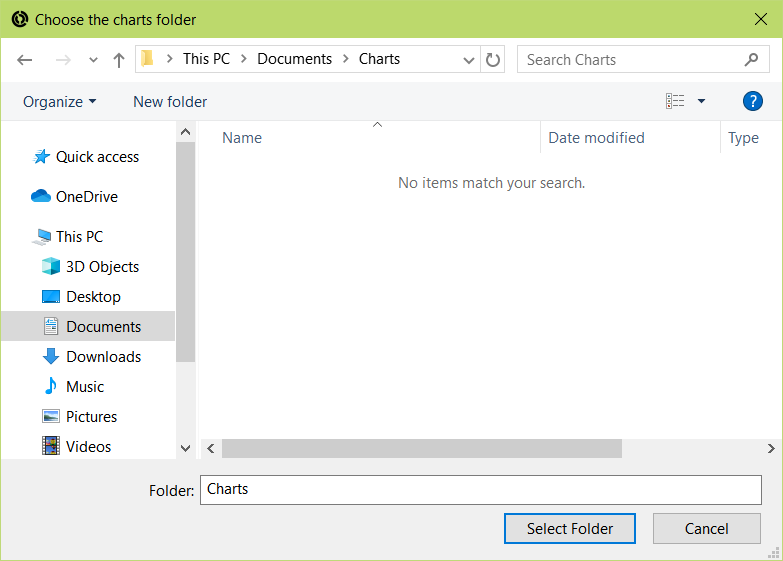
Settings

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.

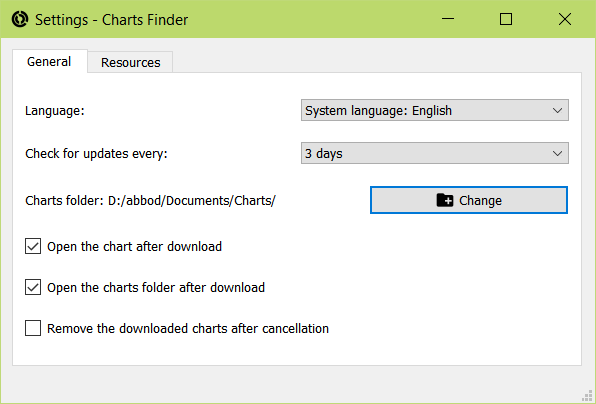
### Charts folder: You can select where you want to save charts. Press the ‘Change’ button to change. A dialog will appear. Select the charts folder and press ‘Select Folder’.



### Open the chart after download: Check this box to open the airport chart for normal charts, and the airport charts folder for folder charts after download.

### Open the charts folder after download: Check this box to open the charts folder after download. This will open the general charts folder (the one set in ‘Charts folder’).

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



Resources

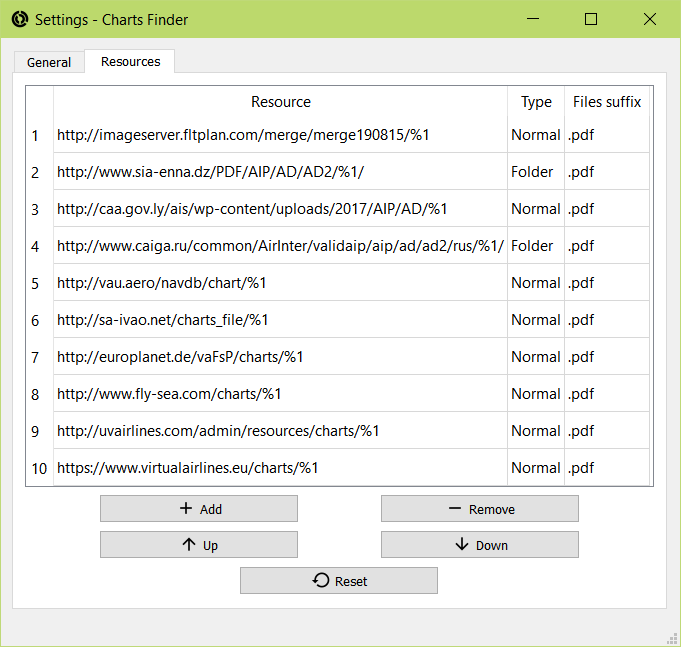
### You can modify the websites that are used by the program to download charts. There are 2 types of charts: Normal and folder charts.

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

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

### To modify a resource, double click on the field you want to edit. The text will become editable. Edit it and hit enter to save the changes.

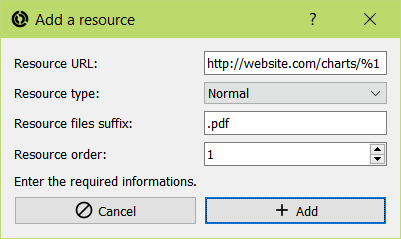
### To move a resource up or down, select it and click the appropriate button.



### To add a resource, press the ‘Add’ button. The addition dialog will appear. Add the URL in the following syntax: <http://website.com/charts/%1>. ‘%1’ will be replaced by the entered ICAO code. For normal charts, the program will set the URL like [http://website.com/charts/HECA.{suffix}](http://website.com/charts/HECA.%7bsuffix%7d). For folder charts, the URL will be set as <http://website.com/charts/HECA/> and every file with the set suffix in the URL will be downloaded.

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

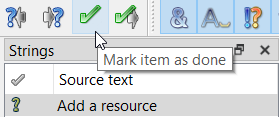


Translations

### 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 the 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 for Debian/Ubuntu, or the equivalent package for your distribution.

### You’ll need to translate 2 files. One for Charts Finder, 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: ‘qtautoupdater\_(language code here).qm’ (e.g. ‘qtautoupdater\_ar.qm’ for Arabic). If not, translate qtautoupdater\_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 the ‘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 the lrelease tool provided with Qt Linguist.

### On Windows, open the command prompt in the 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 the Qt Linguist folder.

### You should now have 2 files with .qm Extention, move them into the’ 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 encountered a bug, try to remove config.cfg file which exists in ‘%APPDATA%\ChartsFinder2’ folder on Windows, and ‘~/.local/share/ChartsFinder2’ folder on Linux. If that didn’t fix the problem, report the 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.

Credits

### Copyright © [Material Design Icons](https://github.com/Templarian/MaterialDesign) under SIL Open Font 1.1 license.

### Copyright © [Sergey Lagner](https://github.com/lagner/QGumboParser) under MIT license.

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).

### You can contact me on [abbodmar@gmail.com](mailto:abbodmar@gmail.com?subject=Charts%20Finder%202).

### Copyright © Abdullah Radwan