Charts Finder Android 1.0.3

Welcome to Charts Finder Android 1.0.3, a new version of Charts Finder. It comes with fixes for some critical bugs and general improvements.

How to use

It’s so easy to use Charts Finder. Just enter an ICAO code/s (separate codes with space) and hit ‘Get Charts’. The program will search for the charts in its database and download it from internet. You can see the download progress via notifications and the progress bar. You can also cancel the download progress by hitting ‘Cancel’ button.

Settings

You can select where you want to save charts by clicking change path.

A window will appear allows you to choose the path. After selecting, click ‘Confirm’ and you’ll see your path on the text view.

In the next section, you have 4 checkboxes. You can open chart after downloaded (Using your default pdf viewer), show notifications about the download progress and use internal pdf viewer. You can’t select ‘open chart’ with ‘internal pdf viewer’. You can modify the default resources database by enabling ‘Modify resources’ checkbox.

Resources

There’re 2 types of resources: folder resource and normal resource.

A folder resource is a resource which has multiple PDF files to one airport inside a folder. A normal resource is 1 PDF file per airport only.

To make normal resource syntax, you need to get the folder which has charts inside it. For example: example.org/charts/KLAX.pdf, OMDB.pdf, etc. You need also to understand the program syntax. Instead of write the airport ICAO code, you’ll use %s. %s will replaced with ICAO code entered in the field. So the syntax for above example is: **http://**example.org/charts/%s.pdf.

When user enters an ICAO code, KLAX for example, the URL will become http://example.org/charts/KLAX.pdf and the program will download the chart normally. Note that you must include http:// or https://.

To make folder syntax, get the folder which has folders inside it. Such as example.org/charts/KLAX/(KLAX charts), OMDB charts, etc. the syntax is: ‘**http://**example.org/%s**/**’. Note that you must include http:// or https:// to get your resource working, and add / at last. The program will replace %s with ICAO code and download all PDF files there.

To add it, hit ‘Add’ button under the resources list. A dialog will appear. Enter its order. The order starts from 0. The program will check the order 0 for charts, then 1, 2, 3 etc. So you have to set order based on how charts are updated.

For latest charts (such AIPs) you should set the order to 0. For a little bit Old charts, 4 and 5 maybe the best. For oldest, set it to the last order, and then enter the syntax as explained, then choose the type.

To remove a resource, click on it in the resources list. The remove button will become active, Hit ‘Remove’ button the resource will delete.

To reset resources to the default resources, hit ‘Reset’ button and the resource will reset.

Developing

I’ve make this program just after finish an Android applications developing Course. So this is my first android application. If you have any suggestions about the program, contact me via below email address.

About

This program was made by Abdullah Radwan. It’s open source under GPL 3 license.

Should you have any inquires, don’t hesitate to contact me on [abbodmar@gmail.com](mailto:abbodmar@gmail.com?subject=Charts%20Finder).

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