How to use « scan2map.py »

Creation of the tree structure

First of all, you have to launch the program from a CLI (CMD under Windows, Shell under Unix) by typing this line: `python scan2map.py "absolute_path_root".`

When the mapping is done, a message will appear: `Mapping complete`

Display of the tree structure

A file will be generated in an XML format (structured) with a .graphml extension.

Open the file starting with "map_date--time.graphml", as below:

`map_2020-10-06--165400.graphml`

You can read it with the free open source software "yEd Graph Editor", available at this address: https://www.yworks.com/downloads

Changing the tree viewer

Go to Layout > Hierarchical, tab General : Orientation => Top to Bottom ; tab Labeling : check the box "Consider Node Labels". Press OK.

/ ! \ WARNING : after exporting the graph from the script, an edge is not in the right direction, it is always the one that represents the relationship between the root folder and the first child. To reverse this relationship, select the edge and right click, then click on "Properties". Next, reverse the "Source Arrow" and "Target Arrow" shapes then click OK.

Finally, redo the previous manipulation, to display the graph properly again.

Display node labels

Create a configuration by clicking on Edit > Properties Mapper...

Add a new configuration by pressing and set up the configuration as shown in the picture below :

Press OK.