



Txt - Dxf Export Manager

USER'S GUIDE

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I. Introduction

This small package allows more flexibility when exporting objects into the txt or the dxf format.

Dxf files are regularly used in CAD softwares, and txt files can be used in calculation tables.

You can export a selection of objects, a family of objects, or export all the objects that contain a keyword.

The txt files contain 5 columns : name, x,y,z, and the diameter for the pipes and the spheres

II. Installation

Copy the .fpp file into the App folder of Scene / Scene LT(5.3 and above).
Then, open Faro Scene and go into tools – Apps, and install the fpp file.

III. Using the plugin

General :



The plugin is represented by 3 orange icons :

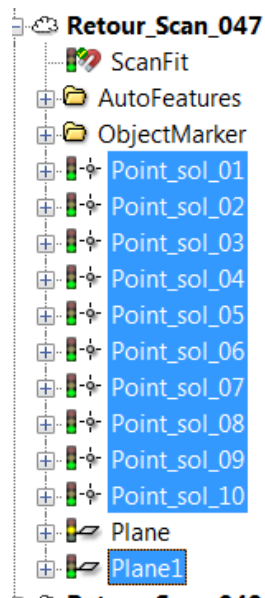
- S : export a selection of objects
- F : export a family of objects
- N : export by name / keyword

First of all, when the plugin is started, you'll be asked to choose the unit (meters or feet).
Indeed, the internal unit in Scene is always the meter, even if feet are set in the options table.

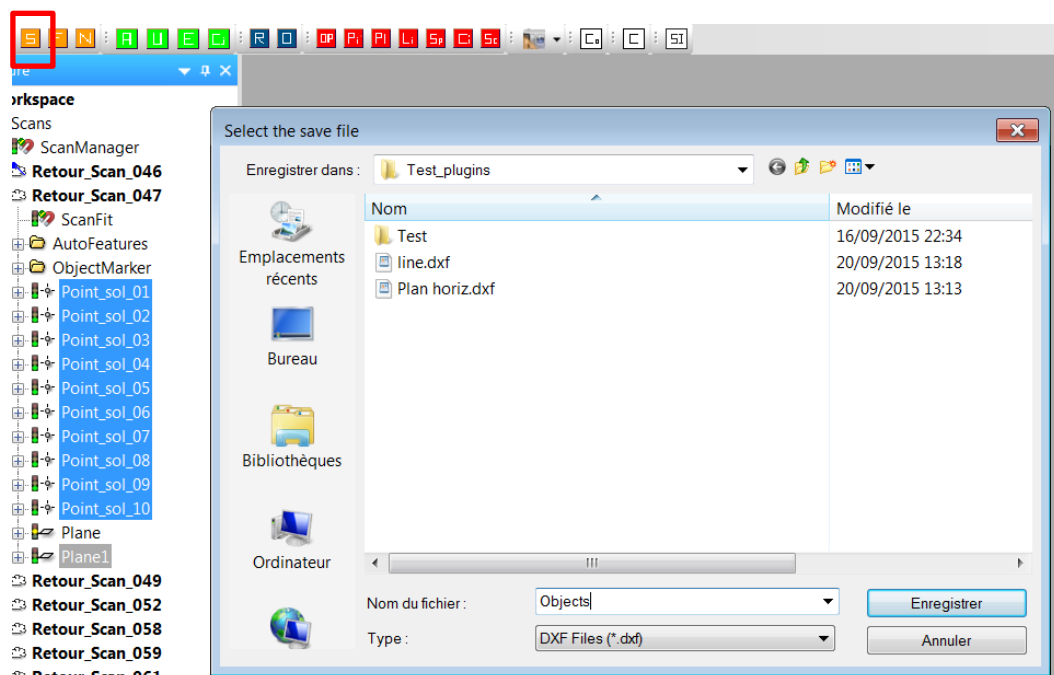
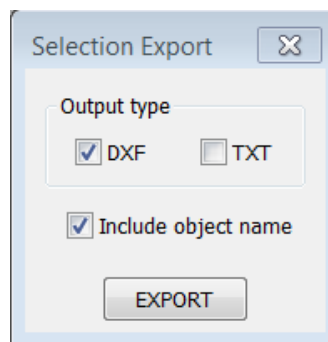
Once the unit is set, it will be used for this plugin during the whole work session. To change it, you'll have to close / open Scene, or to deactivate / activate the plugin in the App menu.

a- Export a selection of objects

Open the structure of a scan, then select the objects you want to export. You can use CTRL and SHIFT to do the selection.



Click on the « S » icon, and then choose the export type (txt or dxf). In case you choose dxf, you can exclude the name of the objects.





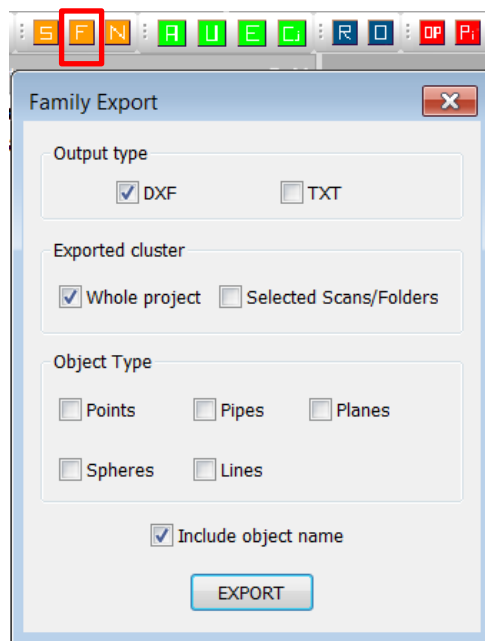
Autocad view of the selected objects

b- Export a family of objects

Click on the « F » icon. Then, choose to export the whole project or on the selected scans / folders.

To select a scan or a folder, just highlight it in the structure tree.

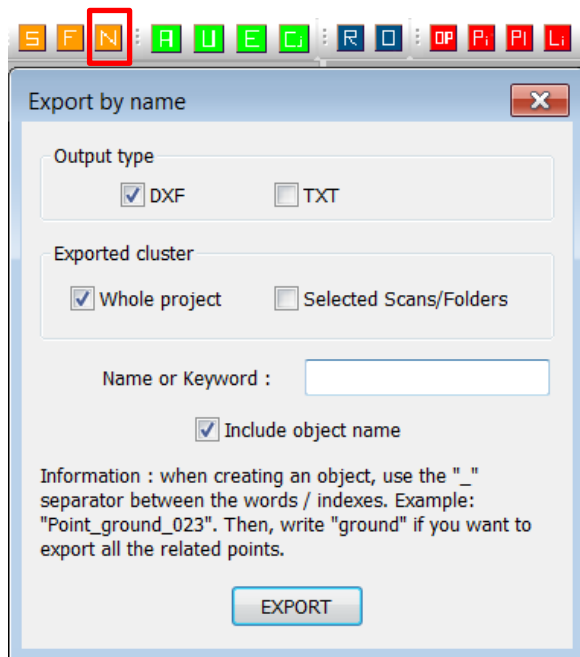
Choose the export type, the families you want to export and save the file.



Remark : the points also include the checkerboards and the circular flat targets.

c- Export by name

Click on the « N » icon.



Type in the keyword contained in the objects you want to export.

Important :

When naming the objects, please use « _ » (underscore) as a separator. The plugin will take into account the exact word between the separators.

You must also respect the capital letters : **S**phere, **P**oint

Examples :

You created several points called « Point_ground_index »

If you want to export all the objects that contain « ground », you have to type in the complete word « ground ». If you just type in « gr », nothing will be exported.

If you create objects called pipe01, pipe02 etc... with no separator, the plugin won't export anything if you only type in the word « pipe ». So, when creating the objects, always think about using « _ » between the words: pipe_01, pipe_02 etc...

IV. Known issues

No issue reported yet.

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