



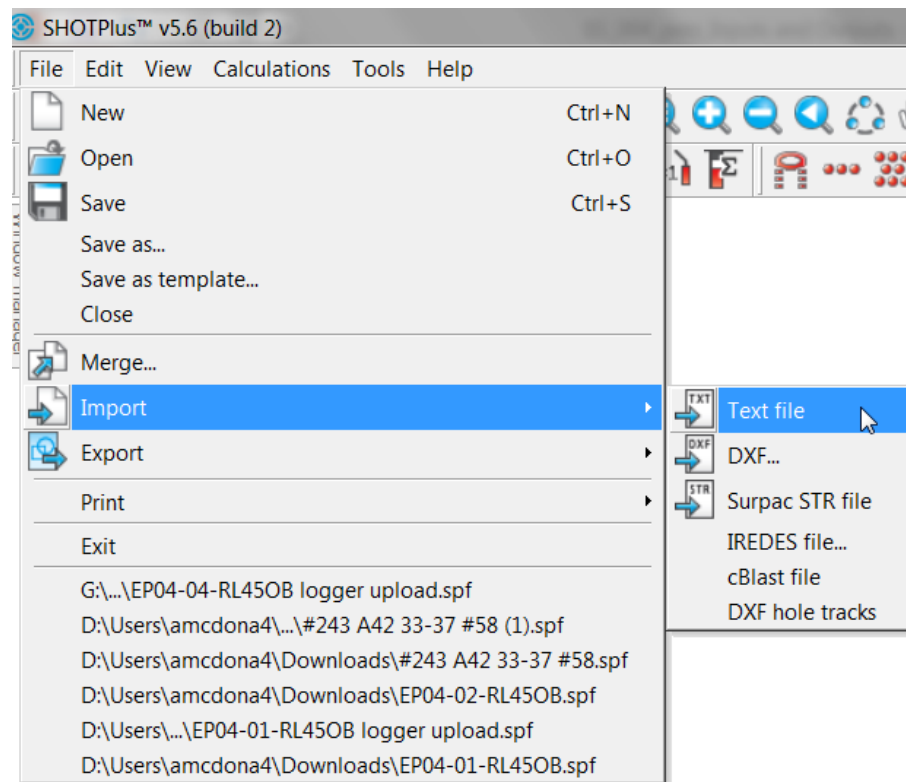
SHOTPlus™

SHOTPlus Standard
Inputs and Outputs

February 2017

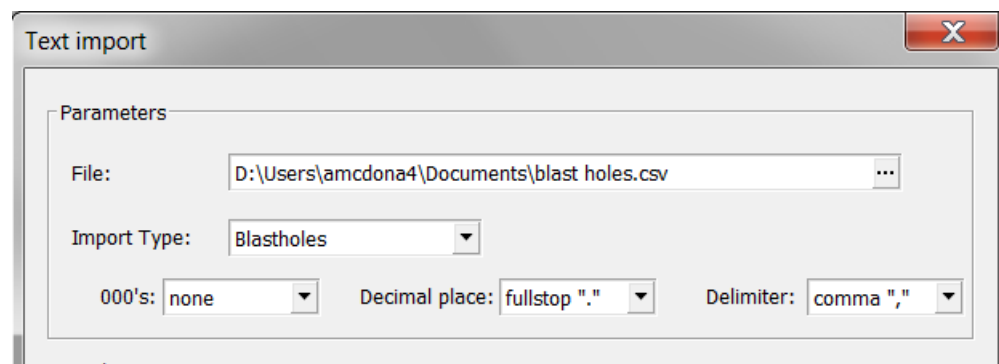
INPUTS

1. Text importer allows the flexibility to import text based data (.csv, .txt) for blast holes, surfaces etc.



TEXT IMPORTER - PARAMETERS

1. Select a text file to be imported
2. Ensure the data is separated by either
 - › a comma “ , “
 - › a pipe character “ | “
 - › a tab character
3. The type of data that can be imported is reserved to
 - › points
 - › polyline
 - › blastholes



TEXT IMPORTER - HEADER

1. Sometimes an import text file will contain unwanted header information
2. To remove the header text from the text file use the up and down arrow buttons to set the number of lines to be extracted
3. Remove the header lines until only data remains in the columns to be imported

Header

Extract lines:

Data - drag the column names to the correct columns or mouse dbl-click for fast add

[Skip Column]	?	?	?	?	?	?	?
X	Blast ...						
Y	Length...						
Z	Num...						
ID	Blast ...	Hole N...	Collar X	Collar Y	Collar Z	Bearing	Dip
Length	EP03-...	A1	32200...	63839...	45.00	72.61	0.00
Bearing	EP03-...	A2	32200...	63839...	45.00	72.61	0.00
Angle							
Diameter							

Header

Extract lines:

Blast Name : EP03-04-RL300B
 Length Drilled : 10463.78 m
 Number of Holes Drilled : 634 out of 634
 Blast Name,Hole Name, Collar X, Collar Y, Collar Z, Bearing, Dip, Length, Diameter

Data - drag the column names to the correct columns or mouse dbl-click for fast add

[Skip Column]	?	?	?	?	?	?	?
X	EP03-...	A1	32200...	63839...	45.00	72.61	0.00
Y	EP03-...	A2	32200...	63839...	45.00	72.61	0.00
Z	EP03-...	A3	32200...	63839...	45.00	72.61	0.00
ID							

TEXT IMPORTER – THE DATA

1. Assign correct data types to the columns
 - › click on the data type on the left side and drag it to a column header or double click on the data type and it will automatically assign the column names in sequential order (ensure that the column you wish to label is selected before double clicking)

Data - drag the column names to the correct columns or mouse dbl-click for fast add

[Skip Column]	?	ID	X	Y	Z	?	?	?
Length	EP03-...	A1	32200...	63839...	45.00	72.61	0.00	1 ▲
Bearing	EP03-...	A2	32200...	63839...	45.00	72.61	0.00	1
Angle	EP03-...	A3	32200...	63839...	45.00	72.61	0.00	1
Diameter	EP03-...	A4	32201...	63838...	45.00	72.61	0.00	1
Hole Type	EP03-...	A5	32201...	63838...	45.00	72.61	0.00	1
	EP03-...	A6	32201...	63838...	45.00	72.61	0.00	1 ▼

TEXT IMPORTER - TEMPLATES

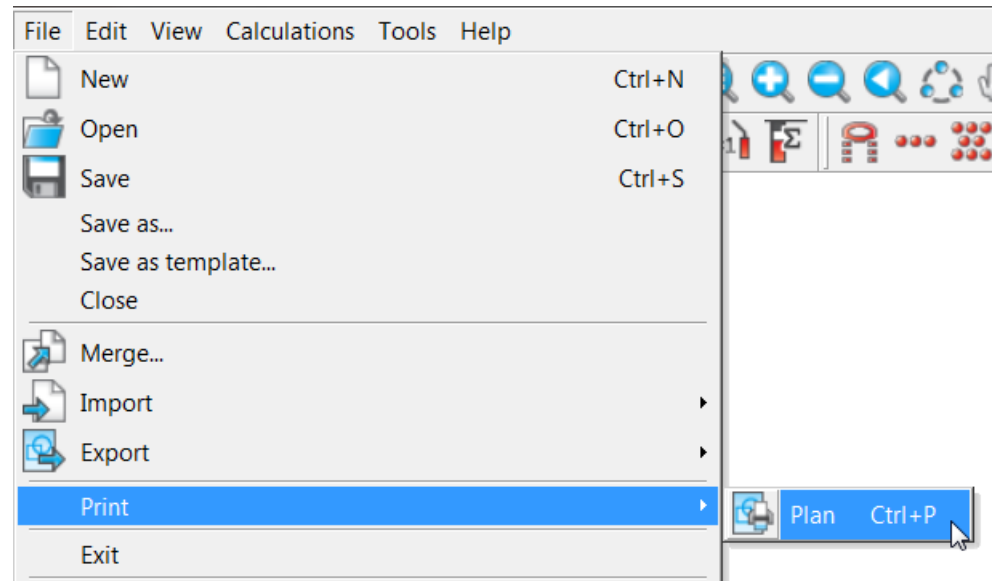


1. Save the import configuration as a template file for future reuse, or
 - › a template can only be loaded after a text file had been selected
2. When importing blastholes set the distance check for duplicate collars
 - › **duplicate collars found within the designated range will not be imported**

A screenshot of the 'Text Importer - Templates' dialog box in SHOTPlus. The dialog has a light gray background. At the top, there is a checked checkbox labeled 'Update existing holes by ID'. Below this, there are two main sections. The first section is 'Duplicate Hole Check', which includes a numeric input field set to '0.01' with up and down arrows, followed by the unit 'm', and an unchecked checkbox labeled 'Allow duplicate hole coords'. The second section is 'Date of measurement', which features a date picker showing '28/02/2017'. At the bottom of the dialog, there are four buttons: 'Load template...', 'Save template...', 'Import', and 'Cancel'. The 'Import' button is highlighted with a darker border.

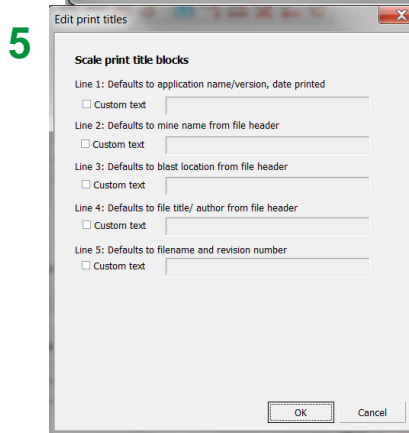
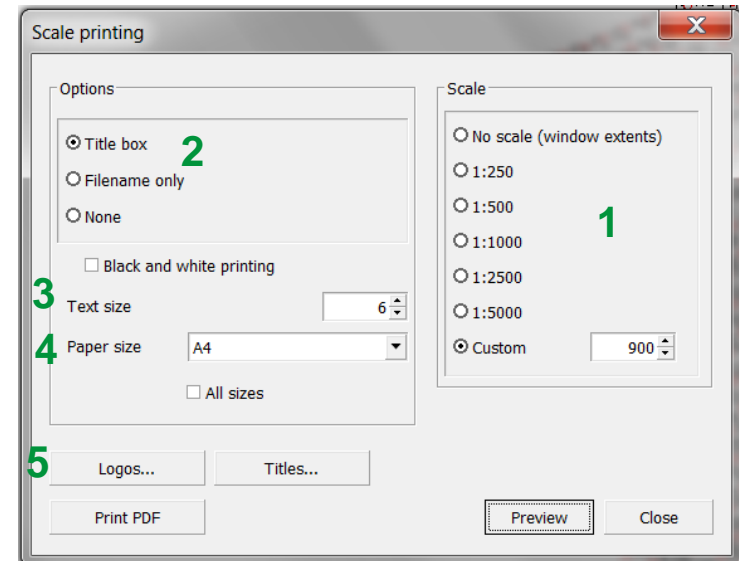
PRINTING BLAST PLANS

1. SHOTPlus 5 allows the users to print part of the blast plan currently displayed on the screen
 - › Press Ctrl+P to bring up the printing window



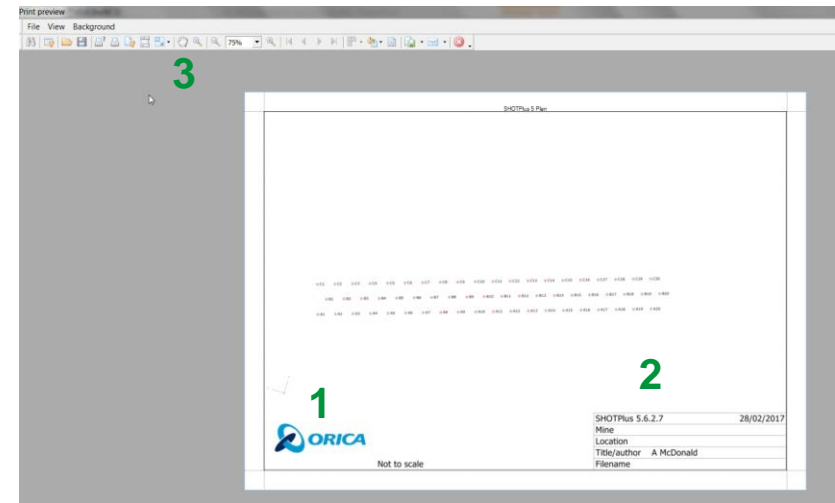
PRINTING – SCALING AND PREFERENCES

1. Set the scale (zoom) at which you wish to print the current view of the design
 - › No scales means the printout will reflect the screen view
2. Toggle the display of the title box containing blast header information and logos on the print out
3. Modify text size on the plan.
4. Select paper size
5. Select logos and print titles



PRINTING – PRINT PREVIEW

1. The images/logos chosen in the Program settings to appear on the print out
2. The title box containing either default headers and blaster header information or headers substituted in the Program settings
3. Runtime options buttons including headers, footers, watermark, background colours

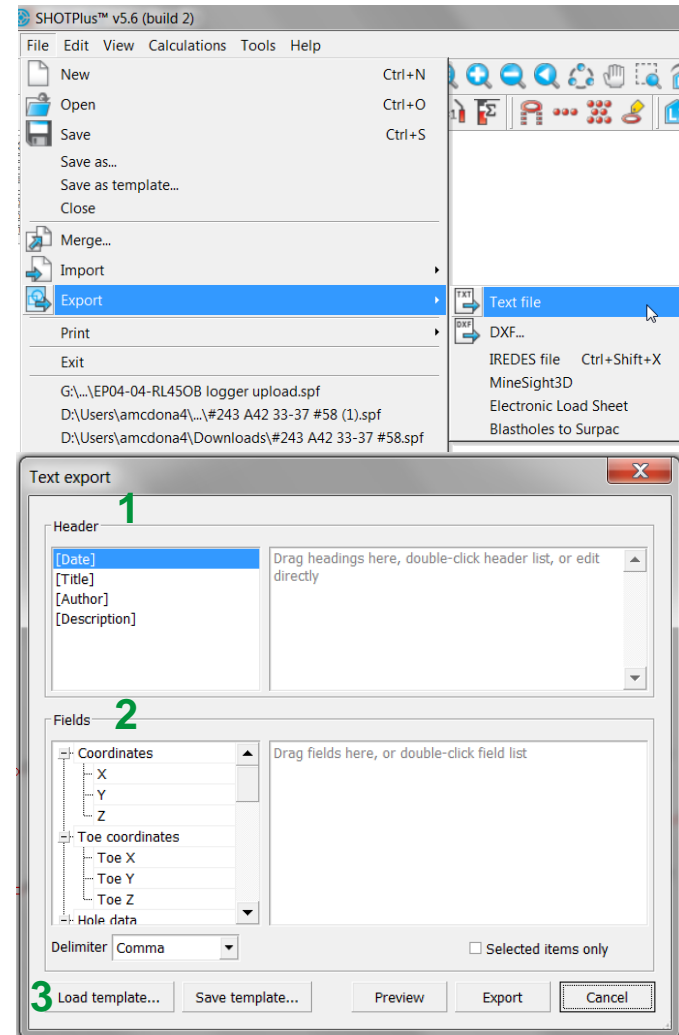


TEXT EXPORTER - OVERVIEW

SHOTPlus 5 allows the users to export blast design data via a configurable text exporter.

The main parts of the exporter consist of:

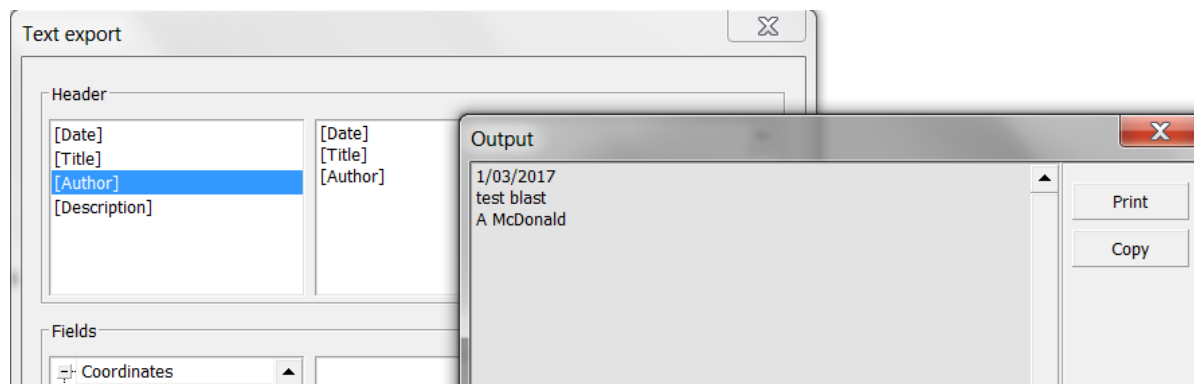
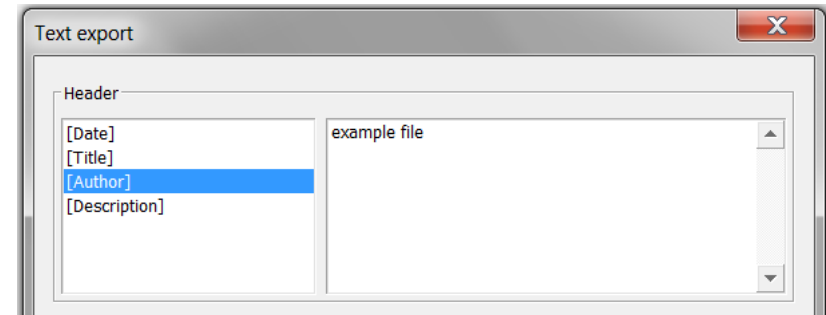
1. The file header information
2. The body containing the actual data
3. Template management



TEXT EXPORTER - HEADER

Header information can be typed into the provided text edit area

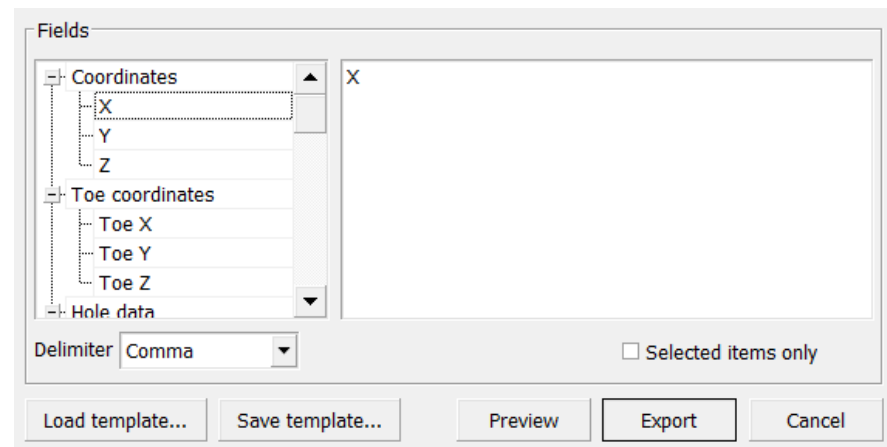
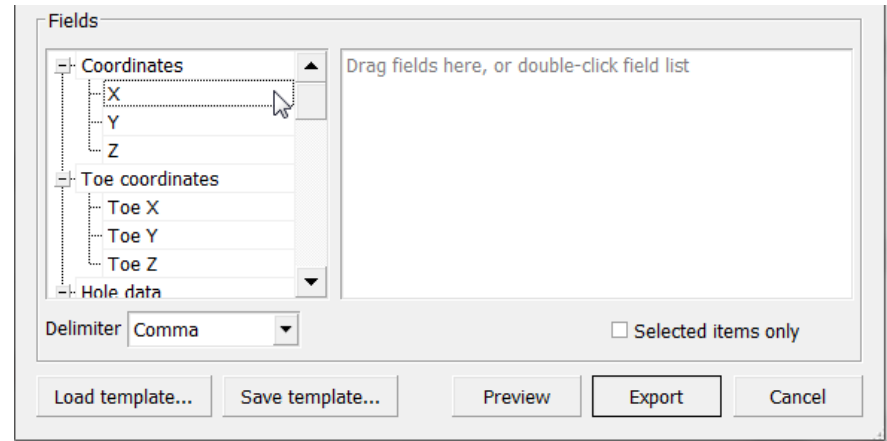
4 fields from the blast header data can be dragged and dropped into the header space. They appear inside **[Field_name]** and are replaced with the actual data at the Preview/Export stage



TEXT EXPORTER – DATA FIELDS



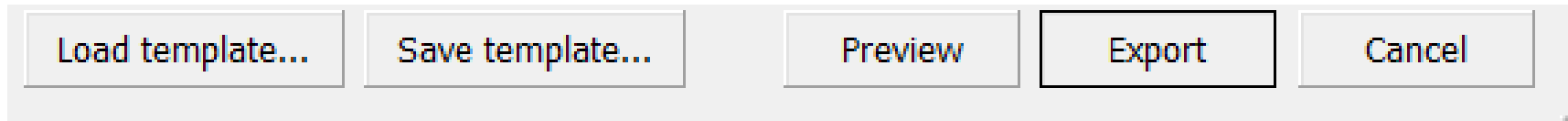
1. To create the body of the export report click on a field on the left and drag it to the area provided on the right or double click on the field
 - › build the export list from top to bottom
 - › the actual export will be arranged in a column format from left to right
2. Choose the separating character to delimit the data fields in the export report



TEXT EXPORTER – TEMPLATE MANAGEMENT



1. SHOTPlus 5 allows the users to save the export file configuration as a template file which can be reused in the future
2. The user can save a number of specific exports configurations used on regular basis such as loading sheets, timing reports etc.

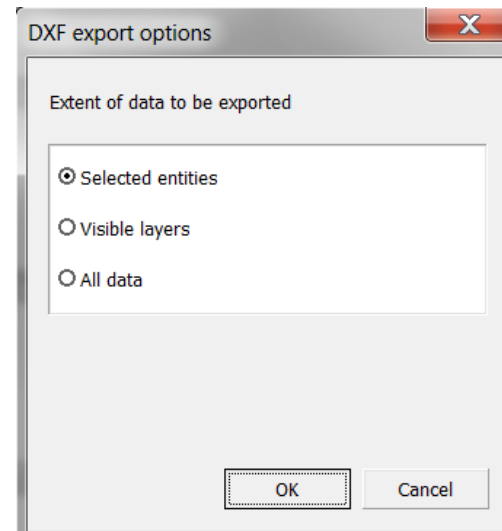
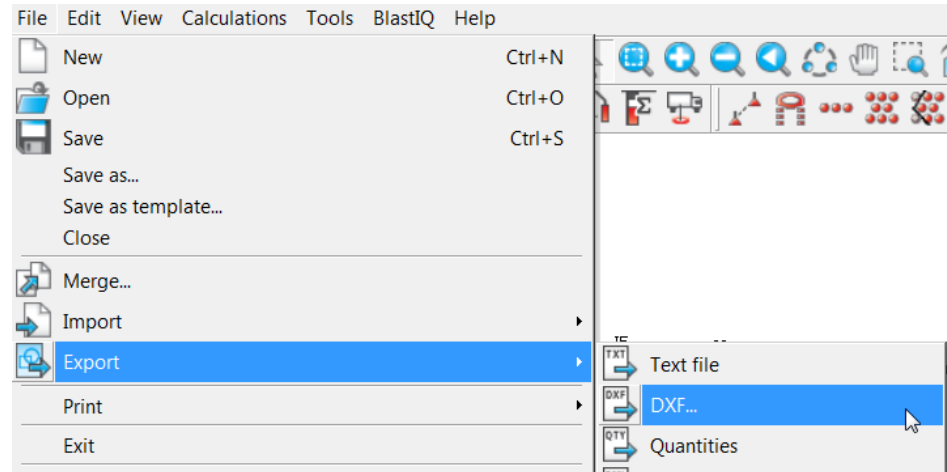


DXF EXPORT

SHOTPlus is capable of exporting blast design data into the DXF format

The user can choose to export the data from the blast design based on

1. The objects currently selected
2. The objects being currently set as visible (not just what you see on the screen but in the entire design)
3. All data regardless of being visible or not



BLASTING TEMPLATES

1. Blasting templates are .SPF files that have been saved with a particular set of blast properties to serve as a starting point
2. Usual items the user may alter for a template are
 - › **Edit / Blast Design data** – Hole types, blasthole parameters and loading
 - › **Edit / Blast properties** - changes will only affect the template/current design
 - › **Edit / Available resources** – limit the size of the drop down lists of products and IS
 - › **Surface ties on the Tie pallet** – select ties used at this site

- **Managing Blasting templates**

1. Saving a blasting template – File / Save as template
 - › Saves the blasting template into the specifically designated directory
2. Create a new blast by using a template – File / New
 - › Only templates saved in the template directory appear in the list
3. Select any .SP2 or .SPF file as a template
4. Manage the template list with import and export functions
 - › Edit / Templates

