

Report Roadmap Users Guide

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Report RoadMap Users Guide

Purpose

The Report RoadMap utility is a program that allows the user to easily create ballooned drawings to compliment inspection reports. The program will run on Linux, OSX, and Windows operating systems.

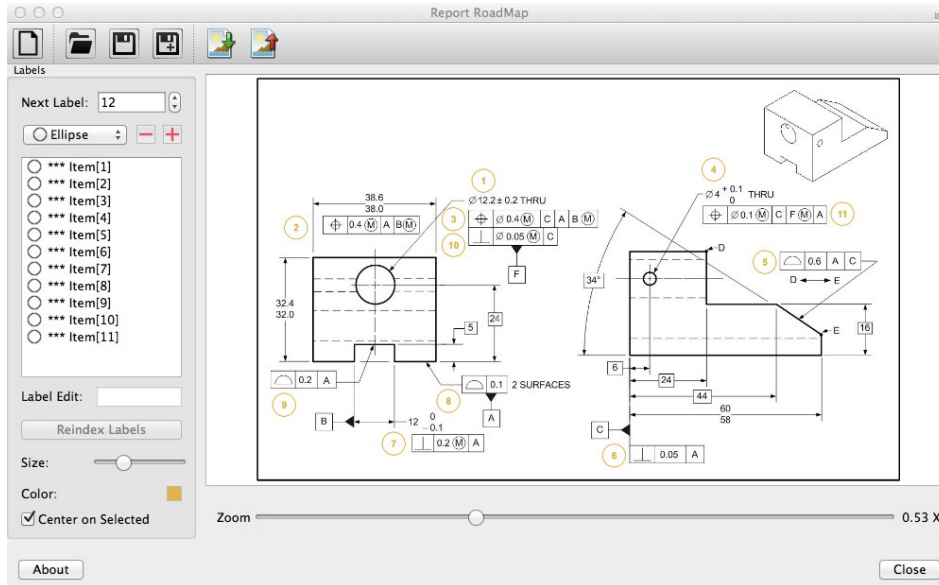








Illustration 1: Report RoadMap main screen


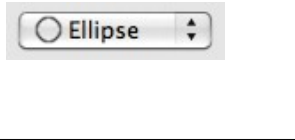

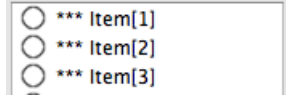

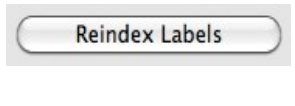


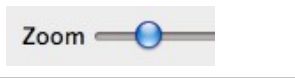
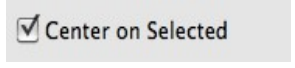


Toolbar Options

The toolbar options at the top of the program have the following functions:

	Create a new road map. All existing data is cleared.
	Open an existing road map file. The file extension for road map files is '.RMD' and the image files are '.RMI'.
	Save the current road map file. If the file has not been previously saved this option will prompt for the file name and location.
	Save the current road map file with a specific name or location.
	Import an image file (drawing). Most standard image formats are supported.
	Export the annotated drawing.

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The label section on the left side of the main window has the following options:

	<p>The value assigned to the next balloon label added. This value is automatically incremented if the label was successfully added. This value is also used when labels are re-indexed.</p>
	<p>Border type for the labels. This setting will be automatically applied when a new balloon item is added. Existing items can have the border changed by selecting the item(s) in the label list then toggle to the desired border type.</p>
	<p>Add a new label or remove selected label(s). Balloon items added by this method will appear at the upper left corner of the image. Items to be removed must be selected from the label list.</p>
	<p>List of existing labels.</p>
	<p>Editor for selected label text. The default labels are numeric but can be changed as required.</p>
	<p>Assign new numbers to selected labels. The first value is the value displayed in the 'Next Label' edit field and all subsequent values are one higher than the previous.</p>
	<p>Label size adjustment. The default size will produce a balloon label that is 32x32 pixels. The size can be adjusted larger or smaller if required.</p>
	<p>Label colour settings. Both the text and border colour can be set by clicking on the coloured box.</p>
	<p>Change the scale of the displayed image. The range is logarithmic with a range from approximately 0.1 to 7.0 times the original size.</p>
	<p>Automatically pan the view so that the selected label is visible.</p>
	<p>Show information about the program.</p>
	<p>Close the program.</p>

Using the Report Roadmap Program

The following describes the expected process to create a ballooned drawing. It is expected that an image file containing the blue print is available.

- Press the 'Import' button from the main toolbar and select the drawing file. The drawing file must be in the form of an image (PNG, JPG, BMP, TIFF, etc.).
- Set the initial value under the label section to the number of the first desired balloon. The default value is '1'.
- Right mouse click on the image to add the label at the selected location. If the location is

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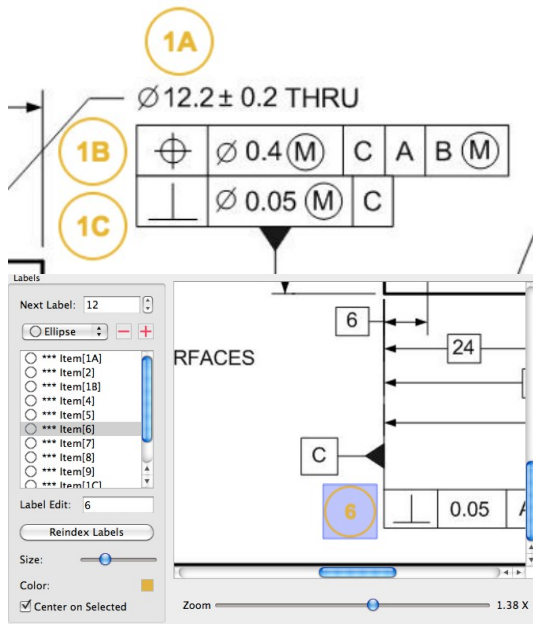
not desirable then use the left mouse to move the label as required.

- Press the 'Export' button from the main toolbar and enter the name of the image file to create.

The contents of the labels can be duplicated. No tests are done to ensure that there are no duplicate labels.

Program Features

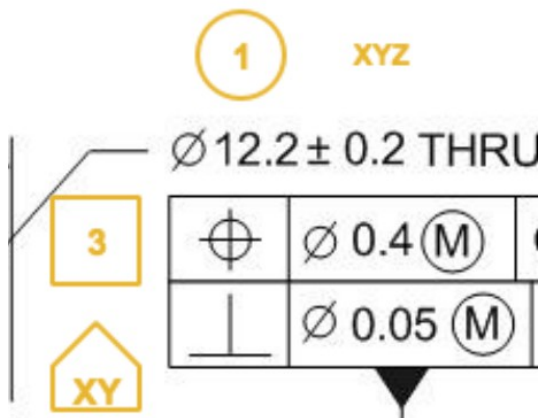
The Report RoadMap program has the following features.



Label names can be changed to use a from numeric to text or a combination of the two.

With the option 'Center on Selected' enabled an item selected from the label list will automatically adjust the position of the graphics window to show the selected item.

Selecting an item on the graphics window will automatically highlight the item in the label list.



Different label styles are available and can be combined within one drawing.

Output Files

When data is saved two files are created; one for the labels and one for the background image. The extensions used are '.RMD' and '.RMI'. The exported image file is a standard PNG file.