

# Refine files with error messages and warnings

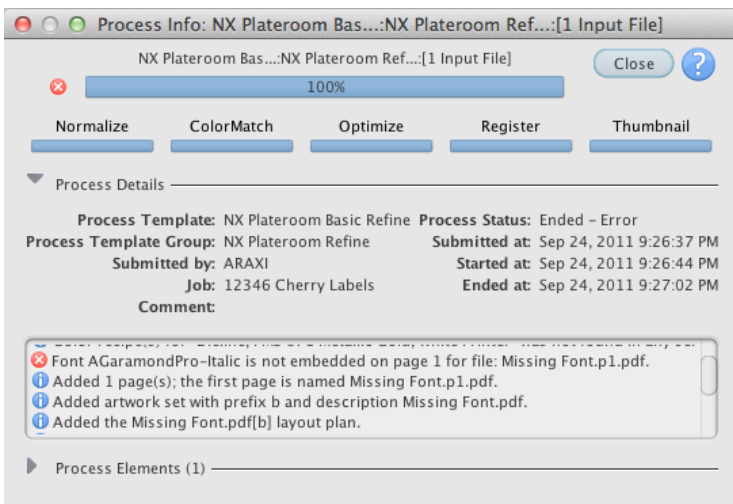
In this activity, you will refine some sample files that have common errors. Some will be readily apparent, while some will take some investigation.

## Create a Prinergy job for the test files

1. Create a new Prinergy job.
2. Give this job the name `Errors`.

## Add and refine a file with missing fonts

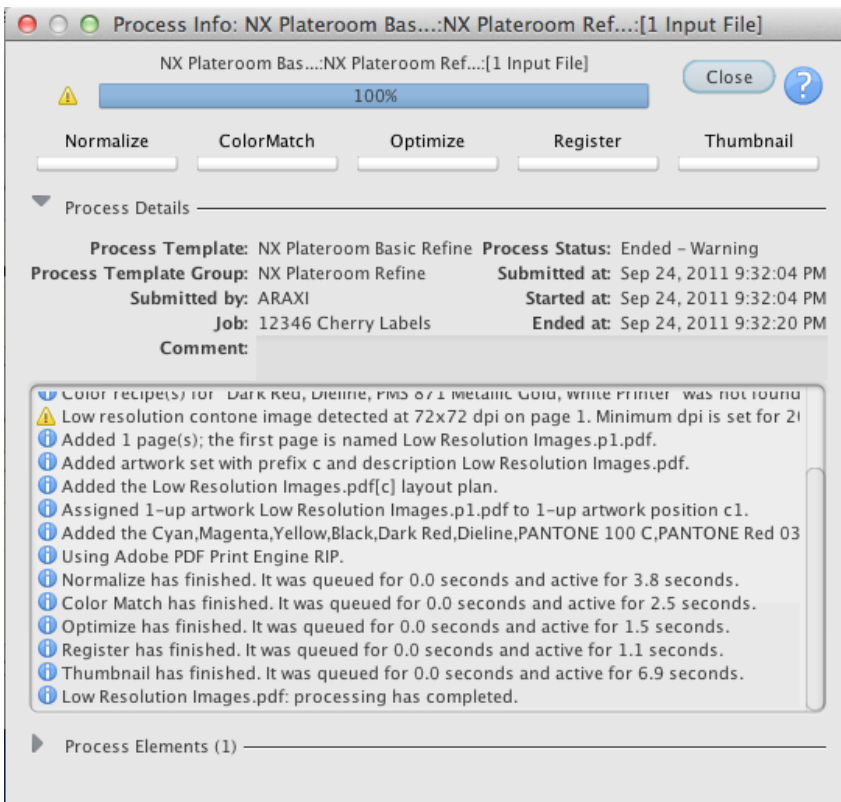
1. Add and refine the file `Missing Fonts.pdf` with `1stRef-Normz`.



2. Note that the refine fails with a red "X" and gives a message that the font `AGaramondPro-Italic` is missing. This type of error cannot be fixed at this stage. The input file must be recreated with the font embedded. A file still shows up in the 1-Up Artwork area, but there is a 'X' across the page to indicate there's a problem.

## Add and refine a file with low resolution images

1. Add and refine the file `Low Resolution Images.pdf` with `1stRef-Normz`.
2. Note that the refine completes successfully, but has a yellow warning symbol.

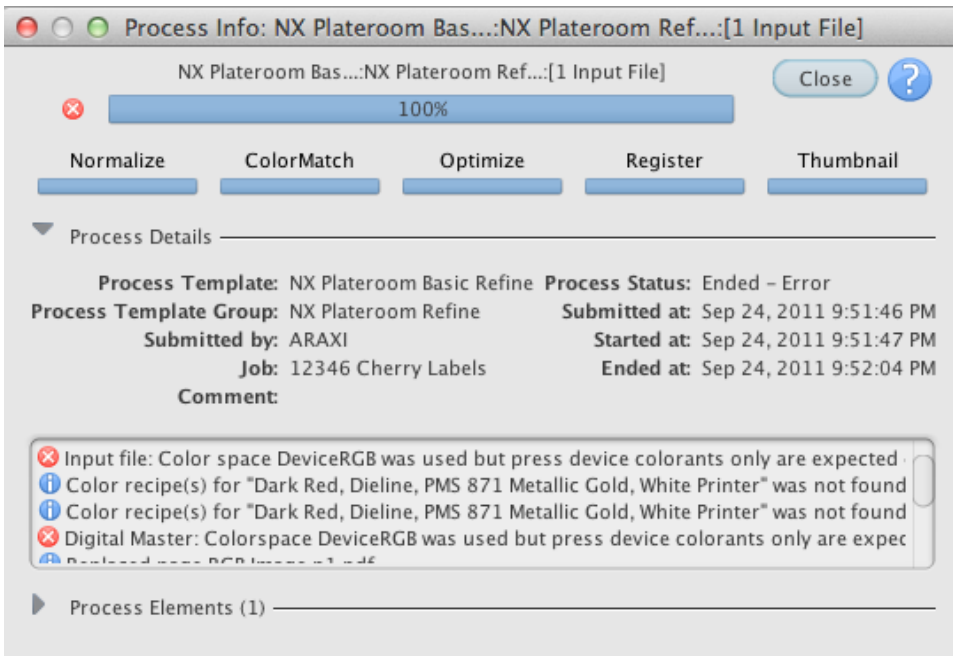


3. Depending on the resolution shown, the file may be okay to run. It's possible that the artwork contains the highest resolution image available. Proof the file carefully to determine if the results are acceptable.

## Add and refine a file with RGB images

1. Add and refine the file `RGB Images.pdf` with `1stRef-Normz`.  
The job passes with a warning about the RGB image.
2. Select `RGB Images.pdf` in the Input Files area and drag it to the `1stRef-Normz` process template.
3. Select **Edit Process Template**.
4. Expand **Normalize**.
5. In the **Color Space Control > Input File Control** area change menu from warn to fail
6. Click **OK**.

7. Click **OK**.  
Note that the refine process fails.



RGB images are not plate-ready. This will have to be fixed upstream, and a new plate-ready file should be supplied.

## Refine problem files that do not give error messages or warnings

1. Add and refine the file `Overprints Wrong.pdf` with `1stRef-Normz`. Note that no error message appears, just a low res image warning.

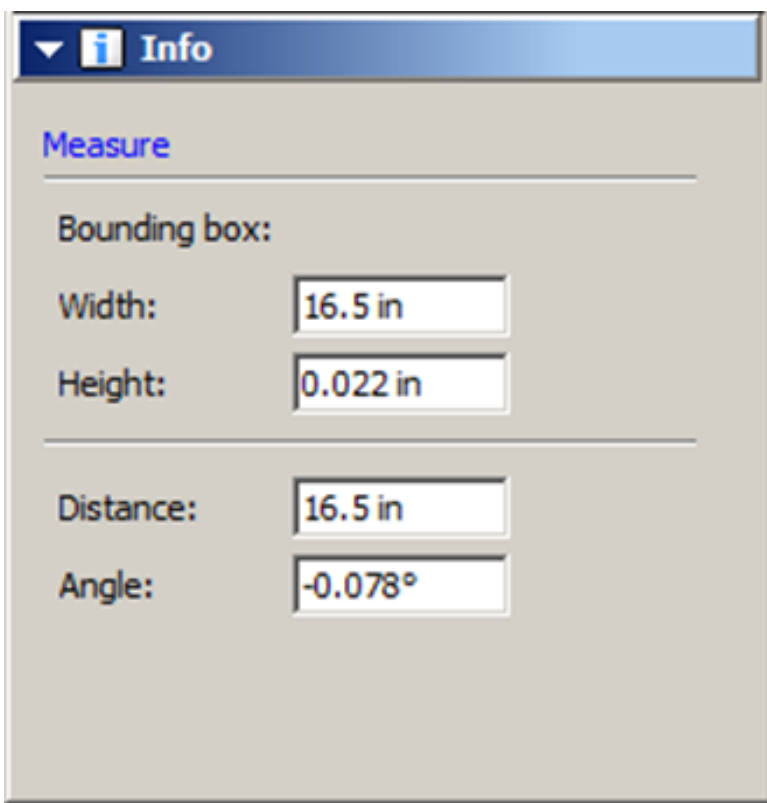
2. Output the Overprints Wrong.p1.pdf to XXLoose1-Up. Open the 1-bit TIFF files in TIFF Assembler Plus and look at it.



When you turn off the dieline, it is knocking out of the artwork. The dieline should be set to overprint in the original artwork, and another plate-ready file should be supplied.

3. Add and refine the file No Distortion.pdf with 1stRef-Normz.

4. Output the No Distortion.pl.pdf to XXLoose1-Up. Open the 1-bit TIFF files in TIFF Assembler Plus and look at it.



When you measure the length of the bearer bars, note that it equals to the repeat length. This indicates that distortion has not been applied. It is possible to output plate-ready files with a distortion applied in the process template, if it is impractical to edit the original file.

## Add distortion to a Loose 1-Up Artwork Output process template

1. Open the **XXLoose1-Up** process template.
2. From the **File** menu, select **Save As**.
3. Type XXLoose1-Up Distort.
4. Select **Create Process Template**.
5. Expand the **Layout** section.
6. In the **Scaling** section, select **Scale Vector**.
7. Type the appropriate distortion factor into the **Along Width** or **Along Height** box. For the No Distortion.pl.pdf, in the **Along Width** box, type 97.
8. From the **File** menu, select **Save**.
9. From the **File** menu, select **Close**.
10. Output the No Distortion.pl.pdf to the **XXLoose-1Up Distort** process template and open the TIFF's in TAP. Measure the bearer bars. They should now be less than 16.5 in.

