Refine files with error messages and warnings
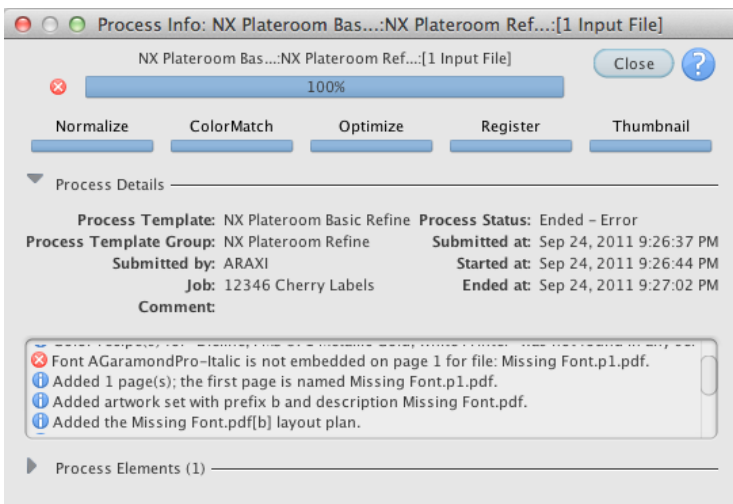
In this activity, you will refine some sample files that have common errors. Some will be readily apparent, while some will take some investigation.

Create a Prinergy job for the test files

1. Create a new Prinergy job.
2. Give this job the name `Errors`.
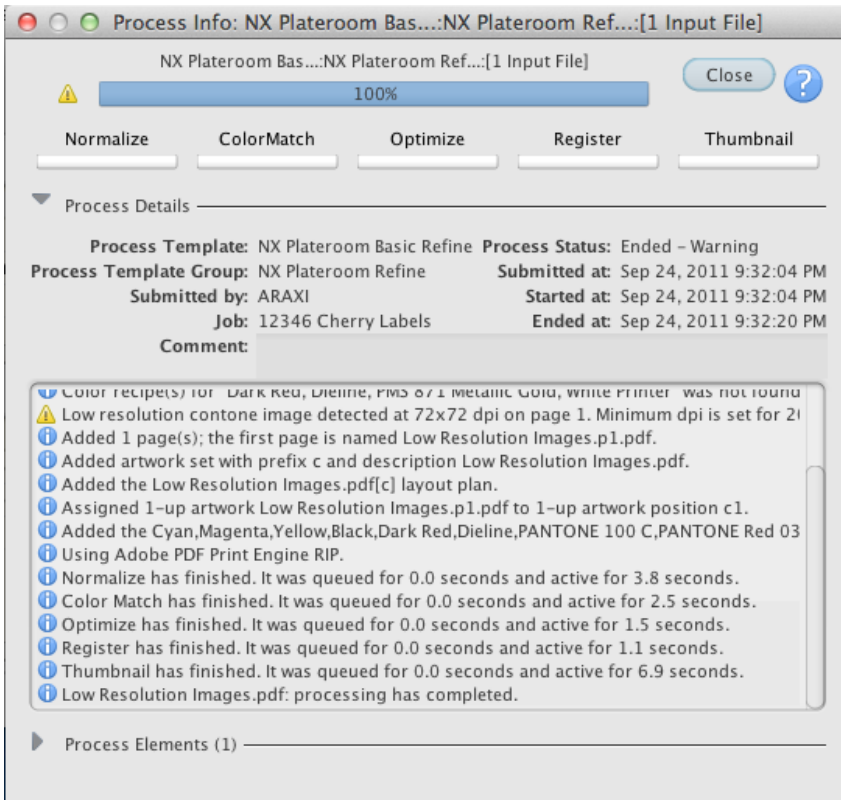
Add and refine a file with missing fonts

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.

Process Info: NX Plateroom Bas...:NX Plateroom Ref...:[1 Input File]

NX Plateroom Bas...:NX Plateroom Ref...:[1 Input File]

100%   Close   ?

Normalize   ColorMatch   Optimize   Register   Thumbnail

▼ Process Details

Process Template: NX Plateroom Basic Refine   Process Status: Ended – Warning
Process Template Group: NX Plateroom Refine   Submitted at: Sep 24, 2011 9:32:04 PM
Submitted by: ARAXI   Started at: Sep 24, 2011 9:32:04 PM
Job: 12346 Cherry Labels   Ended at: Sep 24, 2011 9:32:20 PM
Comment:

Color recipe(s) for "Dark Red, Dieline, PMS 871 Metallic Gold, White Printer" was not found
Low resolution contone image detected at 72x72 dpi on page 1. Minimum dpi is set for 2(
Added 1 page(s); the first page is named Low Resolution Images.p1.pdf.
Added artwork set with prefix c and description Low Resolution Images.pdf.
Added the Low Resolution Images.pdf[c] layout plan.
Assigned 1–up artwork Low Resolution Images.p1.pdf to 1–up artwork position c1.
Added the Cyan,Magenta,Yellow,Black,Dark Red,Dieline,PANTONE 100 C,PANTONE Red 03
Using Adobe PDF Print Engine RIP.
Normalize has finished. It was queued for 0.0 seconds and active for 3.8 seconds.
Color Match has finished. It was queued for 0.0 seconds and active for 2.5 seconds.
Optimize has finished. It was queued for 0.0 seconds and active for 1.5 seconds.
Register has finished. It was queued for 0.0 seconds and active for 1.1 seconds.
Thumbnail has finished. It was queued for 0.0 seconds and active for 6.9 seconds.
Low Resolution Images.pdf: processing has completed.

▶ Process Elements (1)

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 Contro**l area change menu from warn to fail
6. Click **OK**.

7. Click **OK**.

   Note that the refine process fails.
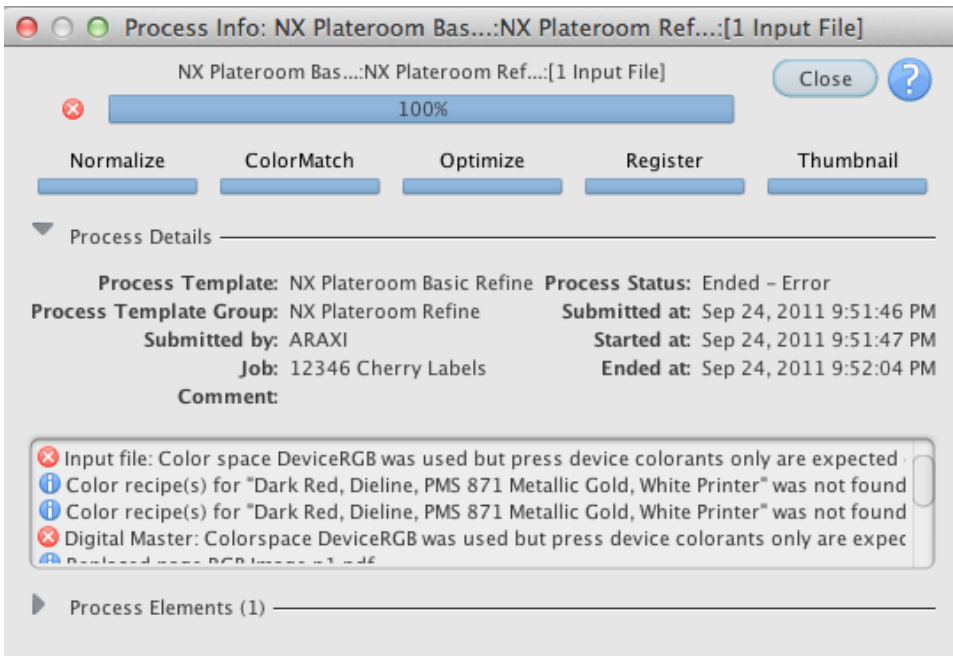
RGB images are not plate-ready. This will have to be fixed upstream, and a new plate-ready file should be supplied.

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.p1.pdf` to XXLoose1-Up. Open the 1-bit TIFF files in TIFF Assembler Plus and look at it.
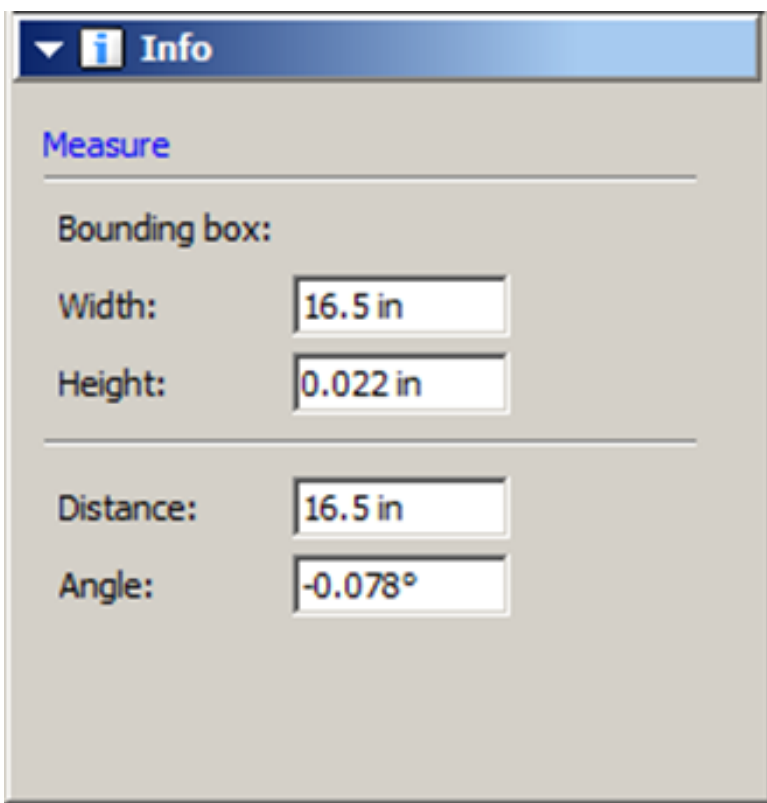
When you measure the length of the bearer bars,note that it equals to the repeat length. This indicates that distortion has not been applied. It is possible to output plate-ready files with a distortion applied in the process template, if it is impractical to edit the original file.

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.p1.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.p1.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.