JavaPEG – Extended Feature

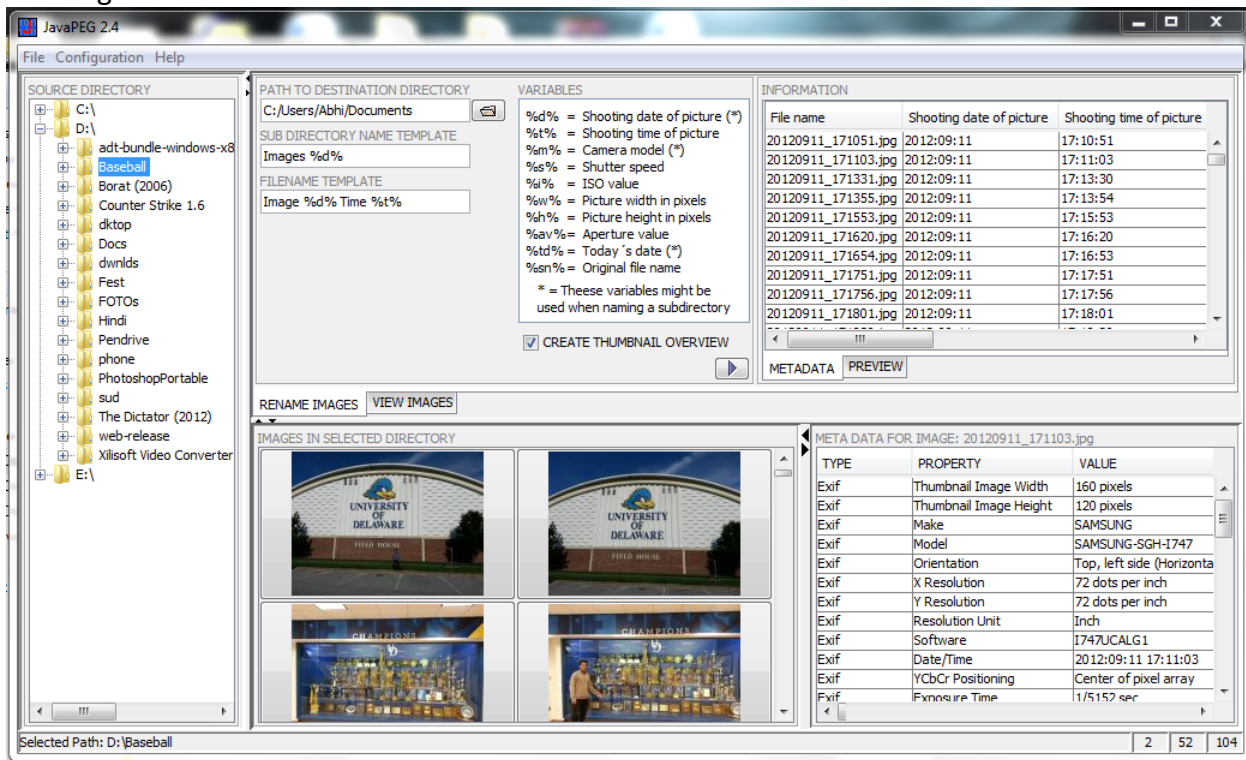**Abhishek Kharche**
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Instructions to run the software:-

1. Open Java – Eclipse.
2. Select File and then select Import from drop down menu.
3. Select General and then Existing Projects into Workspace from the subdirectory, hit Next.
4. Select "Select archive file", browse the .zip file provided in the submission, click Finish.
5. In Package Explorer at left, select JavaPEG and click on Run option ( ) on above.
   (If it ask to select which file to run then select StartJavaPEG.java which contains main method.
   Also, it will sometime prompt that program contains errors, proceed launch with error? Say yes because errors were found in open source project only and those are in Test cases not in source code.
   The software runs perfectly and for better user experience use Maximized mode of software)

   Snapshots on next page…

Snapshots:-

The original software look –

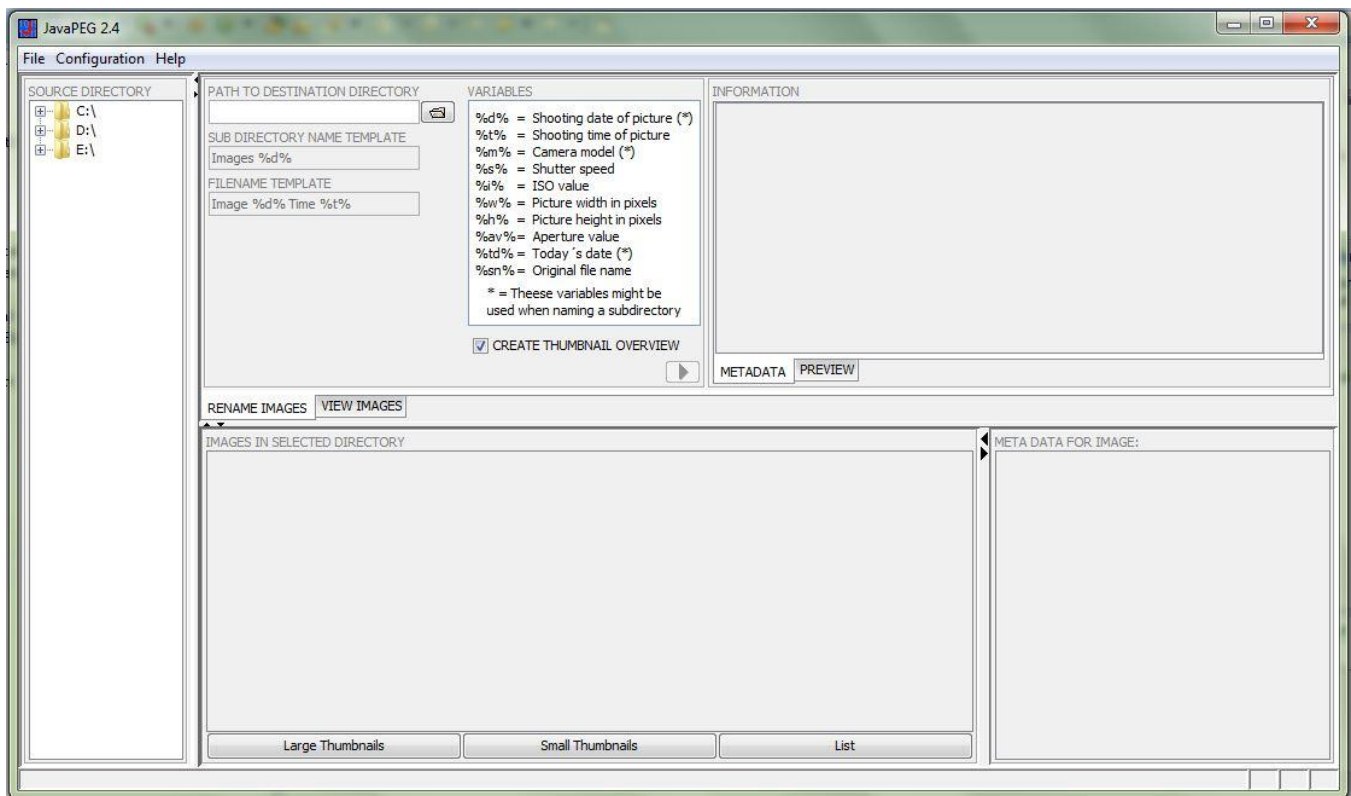The start screen of extended software looks like Image 1:-

Image 1

Note :- Three buttons (extended feature) are added at the bottom of Thumbnail Panel
- Button 1:- Large Thumbnails – To view large icons of selected images.
- Button2 :- Small Thumbnails – To view small icons of selected images.
- Button 3 :- List – To view titles of images as list.

After selecting the directory in which you want to view the photos you will see the software like Image 2 (Large Thumbnails is the default option here) :-
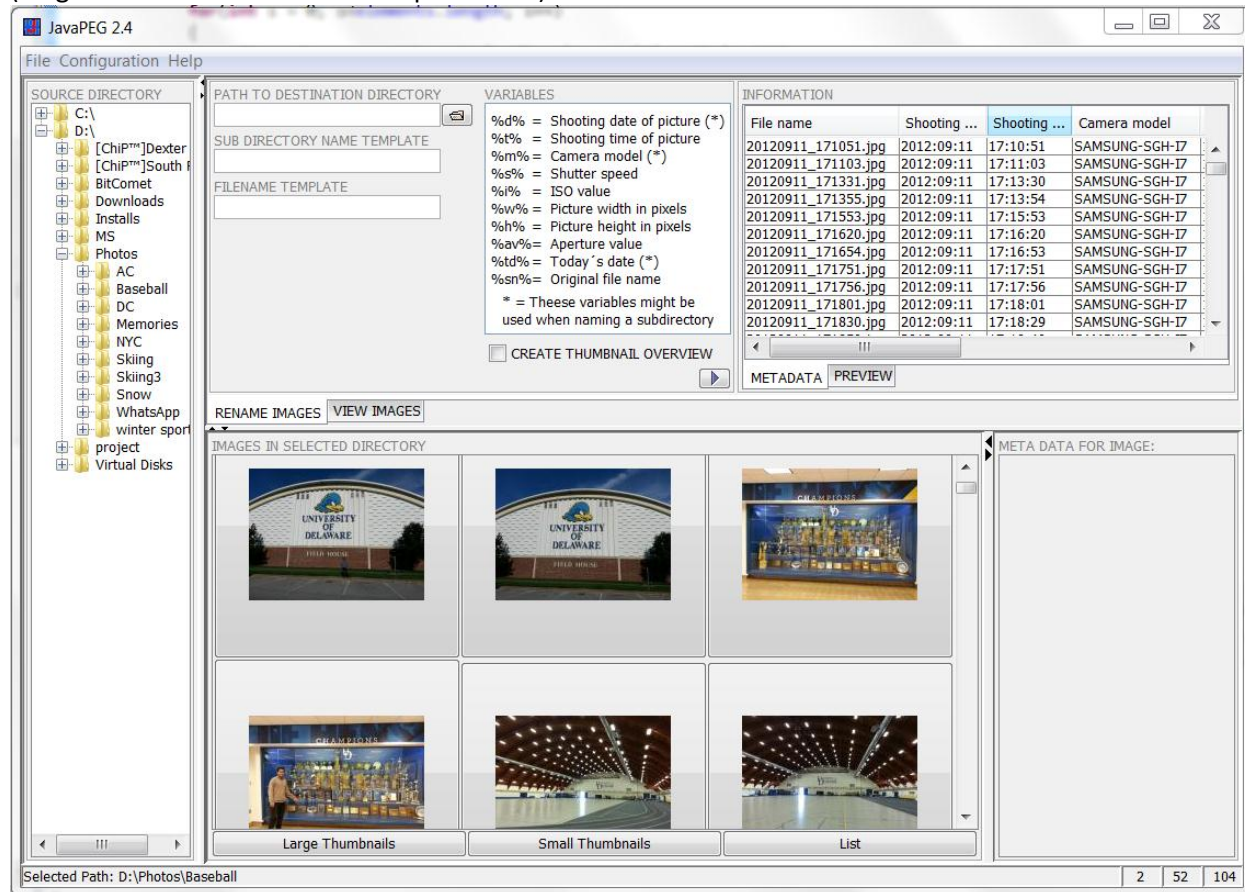

Image 2

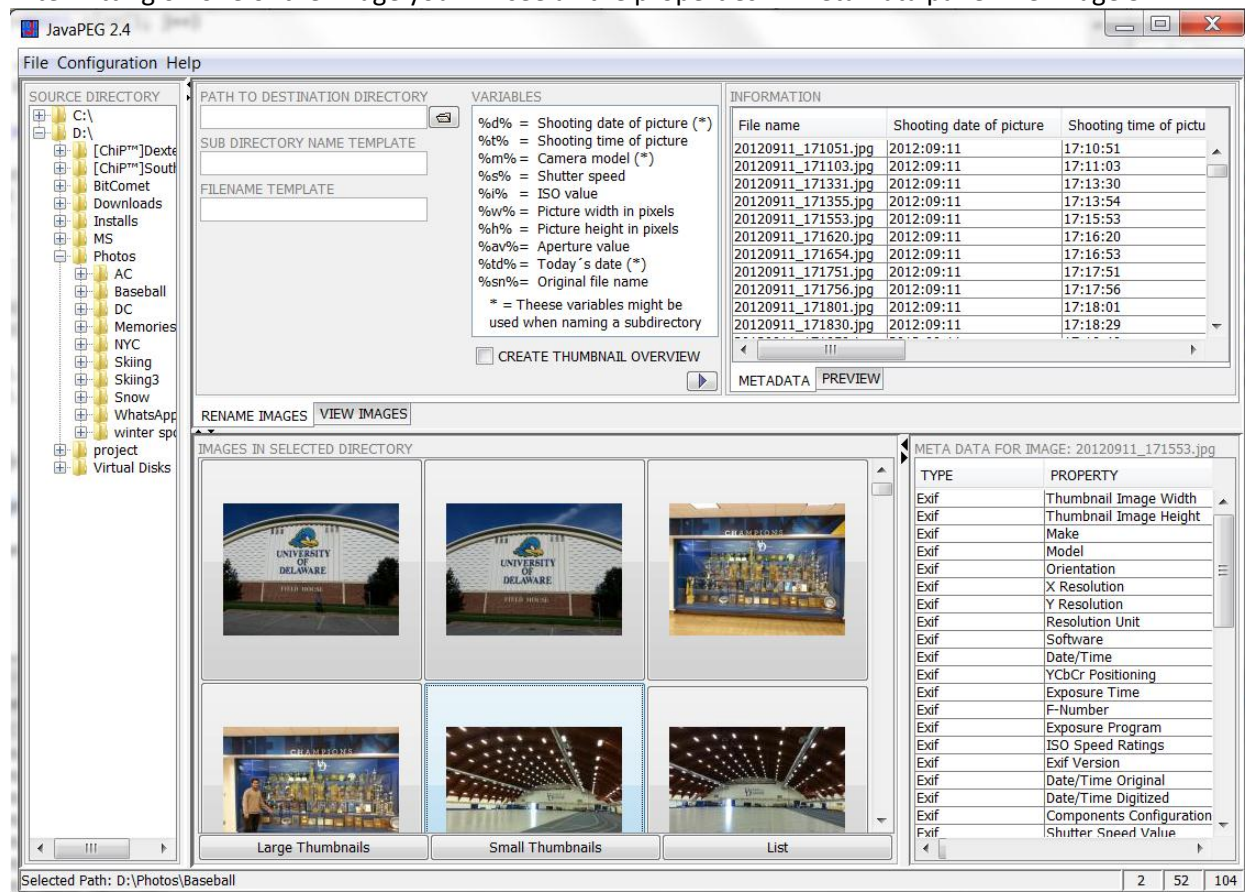After hitting on one of the image you will see all the properties in Meta Data panel like Image 3:-

Image 3

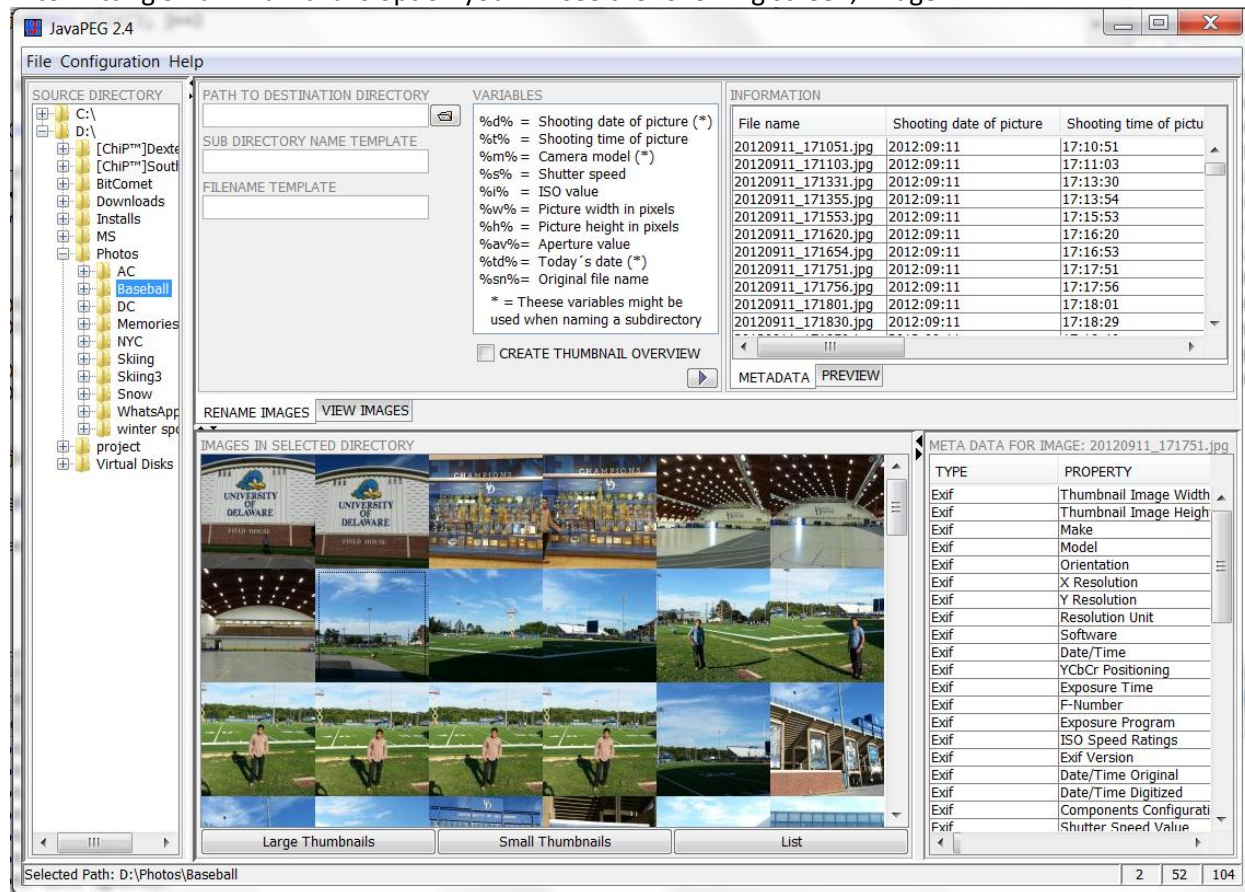After hitting Small Thumbnails option you will see the following screen, Image 4:-

Image 4

Selecting List option you can see the image headers only like in Image 5:-
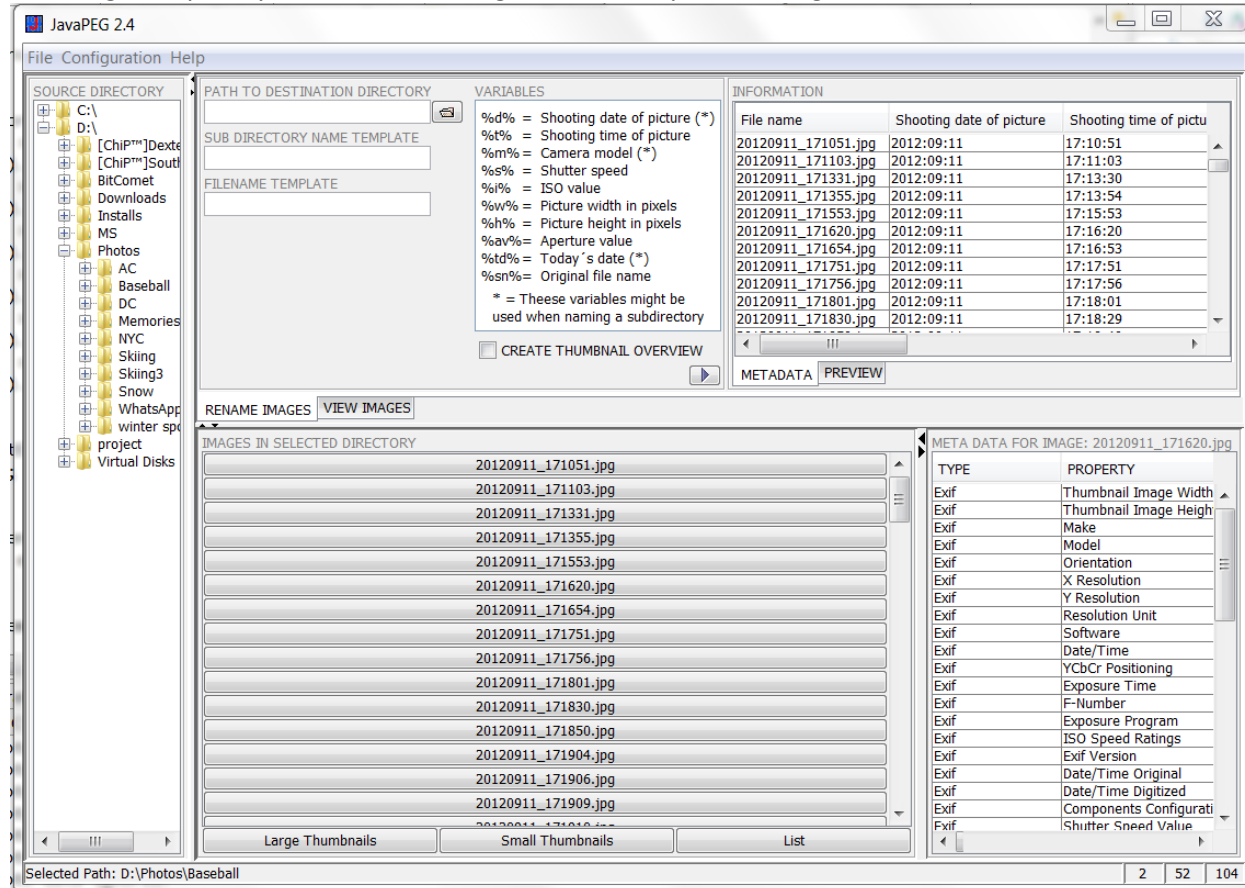

Image 5

Image 6,7,8 illustrates that after resizing the ThumbNail Panel the images inside it arrange automatically according to the size available.
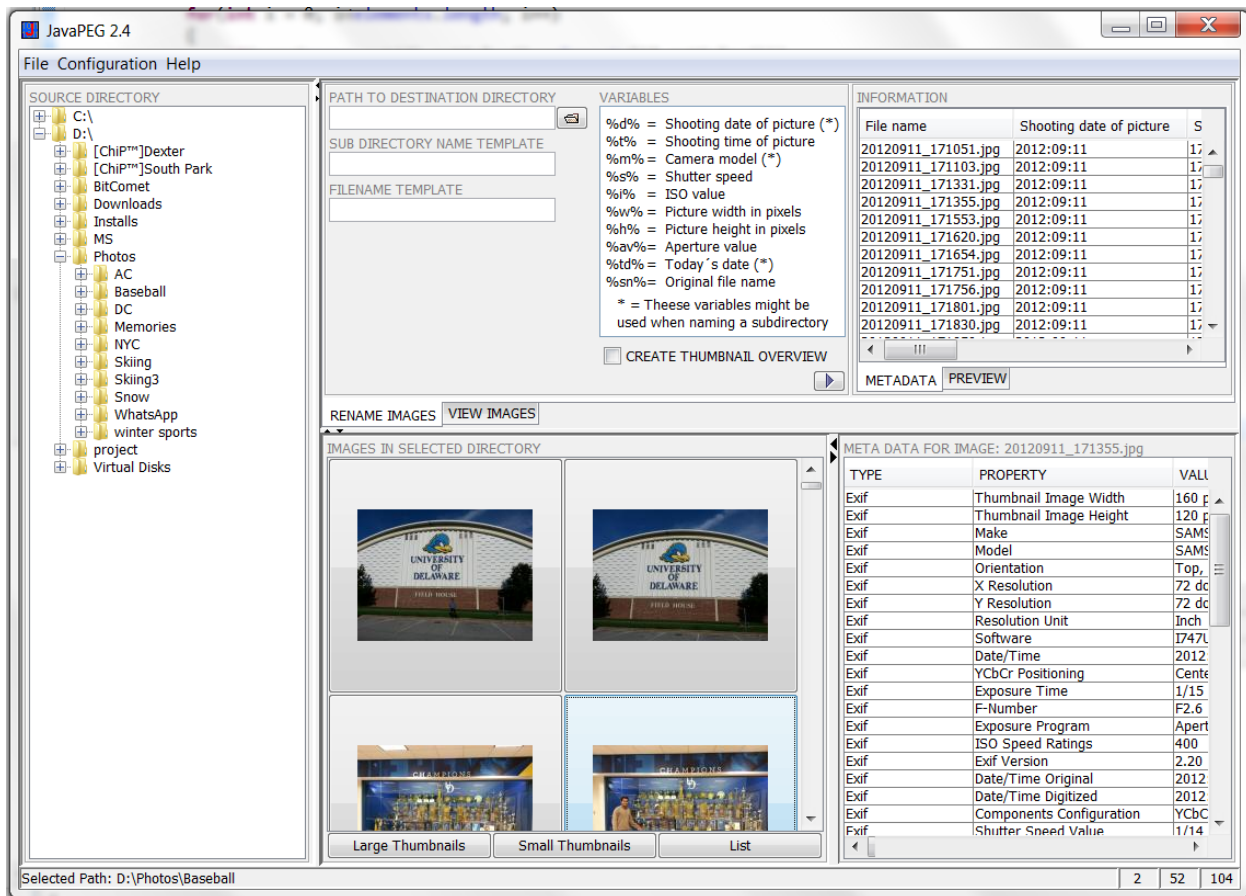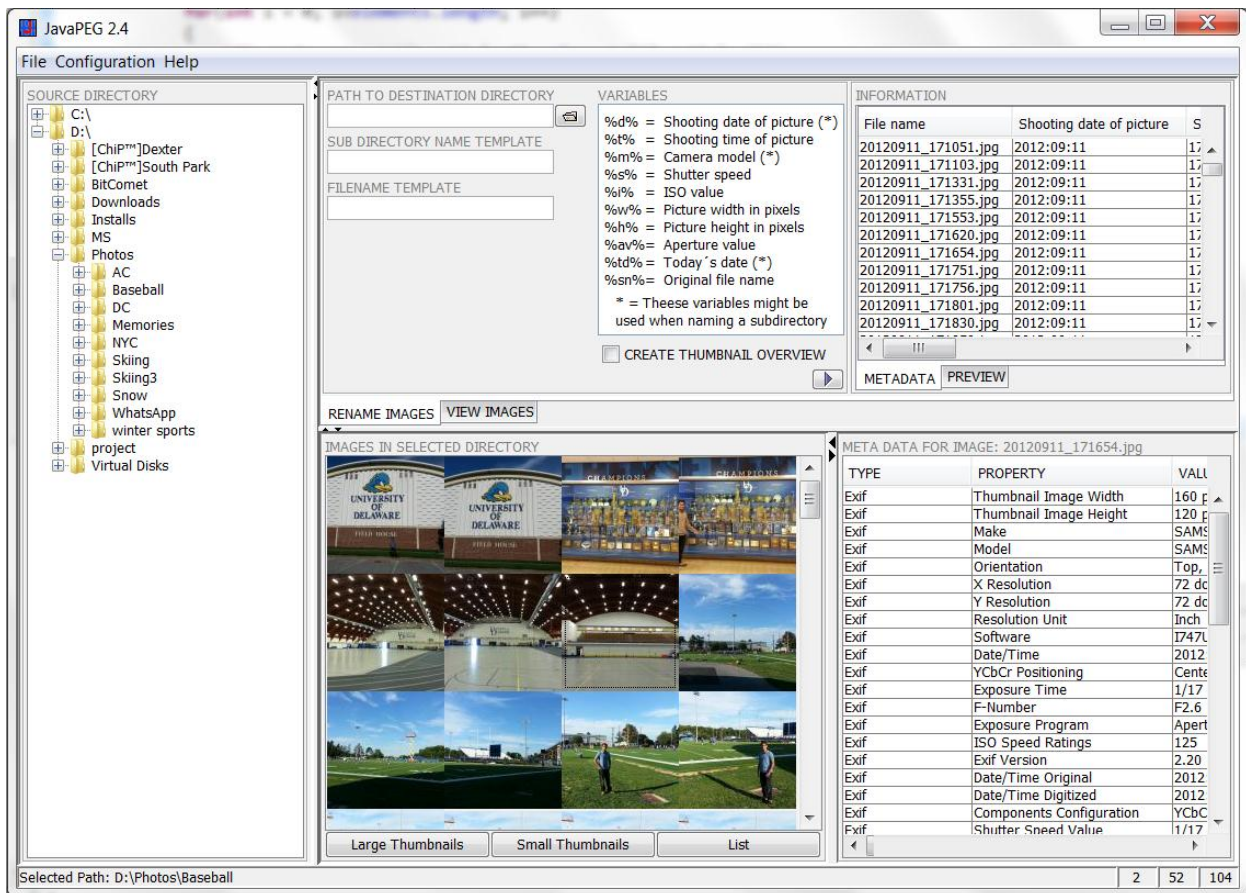
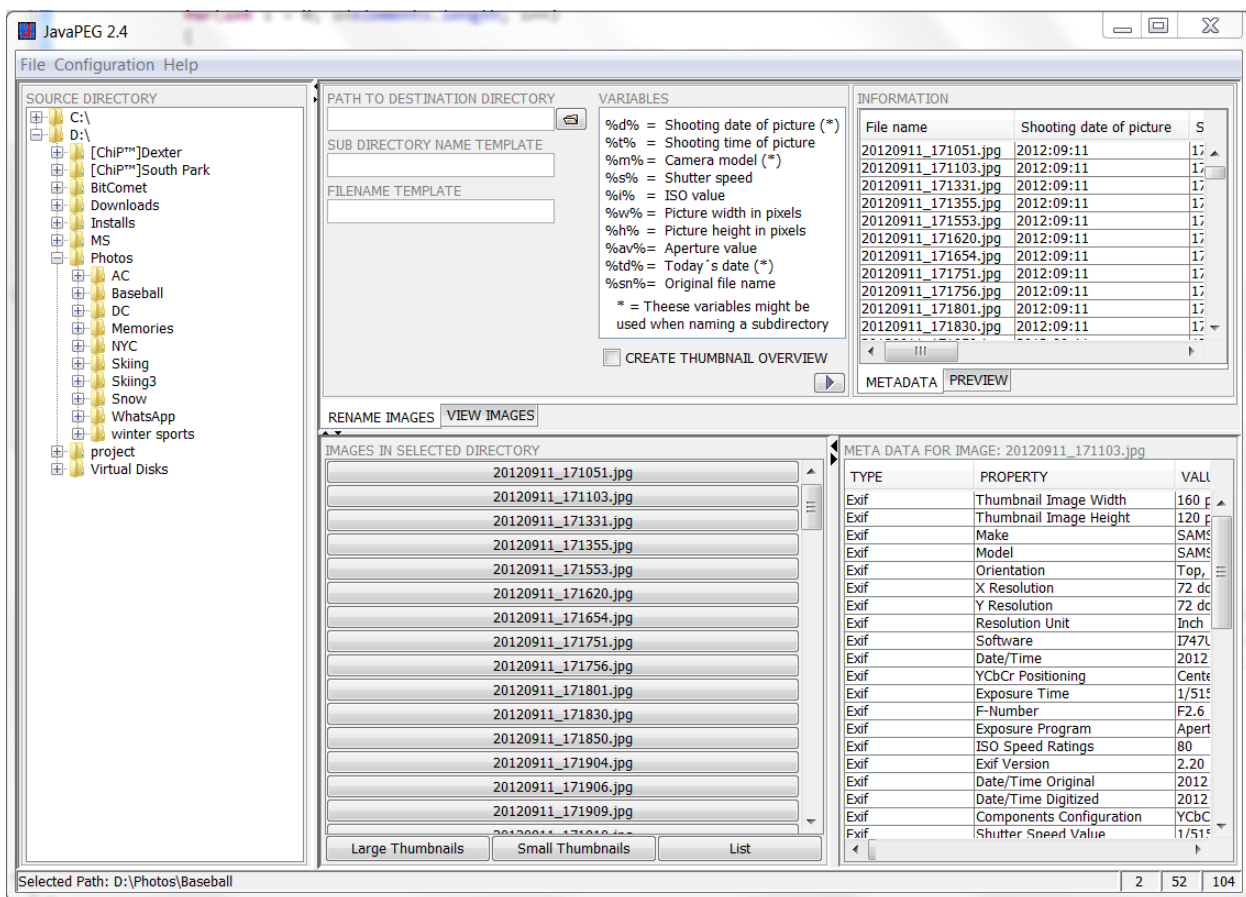

Image 6

Image 7

Image 8

Please see attached .zip file for source code with extended feature. (The source code is modified in the MainGUI.java file and the detailed explaination could be found in Assignment 16)