Software Evaluation Guide for Adobe* Photoshop Elements* 6.0

http://www.intel.com/performance/resources

Version 2007-09
Rev 1.0
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This document is a guide measuring performance of the Intel® Processors on application software. The primary audience for this document includes individuals, publications, OEMs and technical analysts whose goal is to test or evaluate the performance benefits and features of the Processor. If there are questions that are not answered here on software application performance evaluation of the Processor, please contact your Intel representative.

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1.0 Software Description

Adobe* Photoshop Elements* 6.0 is a program that enables users to organize, edit and enhance photos. Advance options allow users to create composites using special effects, texts, and graphics.

For more information go to http://www.adobe.com/products/photoshopelwin/main.html

1.1 Workload Description

The workload is to run the auto smart fix feature from Adobe* Photoshop Elements* 6.0 to correct and enhance 103 jpeg images. The average size of the images is about 600KB.
Chapter 2
Procedure for Evaluating Processor Performance

The following is a procedure for evaluating processor performance using Adobe* Photoshop Elements* 6.0. Run this test on a system running Windows* XP.

Run Instructions:
1. Install Adobe* Photoshop Elements* 6.0 using default settings.
2. Reboot your system
3. Double-click the Photoshop Elements* 6.0 icon on your desktop to launch the application.
4. Click on the round blue icon which says Organize. In the drop-down menu on the bottom left of the screen, you may also select Start up with Organizer to bypass this screen on future runs. The Organizer window will appear as shown below.
5. From the File menu, select File->Get Photos and Videos->From Files and Folders… Navigate to where your photos are stored.

6. Select all the photos in your Photoshop Workload. Deselect the checkmark to Automatically Fix Red Eyes. Click the Get Photos button. Once the new photos have been added, select one of
the photos in the window. Next, click CTRL-A to select all the new photos in the window. There should be 103 photos selected.

7. Enter Control-Alt-M to run “Auto Smart Fix Selected Photos.” Start your stopwatch at the same time. The progress dialog below will appear.

![Auto Smart Fix Progress Dialog](image)

8. When all photos have finished being fixed, the progress dialog will disappear. Stop your stopwatch at the same time. This is how long the system took to complete the auto smart fix of the selected photos.

**Running the Test Using a Script (Optional)**

- You also have the option of running this workload with an automated script.
- Before running the script, set up the application and workload similar to how it is set up for a manual run. Then close all of the application windows.
- The workload input folder named pse-photos should be placed in c:\SEGs.
- Note that the catalog file containing the pictures in pse-photos should already be set up prior to running the script. The script doesn't set up a new catalog file or import new photos. It uses the default catalog file opened by PSE. This means that when PSE is opened, the 103 photos that will be smart fixed should already exist in the catalog and open up. When the script is finished, it will automatically remove the 103 photos that were fixed and leave the catalog with the original 103 photos.
- It's also recommended to run the script once manually as a cross check on your script times. The script timing measures the same function as measured in hand-timing and is expected to be very close to the stopwatch time.
- Minimize or close other open windows before running the script.
- Double-click on the script .exe to start execution.
- When the script is finished running a dialog will pop up displaying the time in seconds.