## **PHOTOFILTRE**

## Karpaliuk H.I.

Supervisor: Novozhilova M.V. E-mail: hanna.persimmon@gmail.com

Kharkiv, O.M. Beketov National University of Urban Economy in Kharkiv

PhotoFiltre is a compact universal raster graphic editor for the Windows operating system. There are commercial and free versions of the program. You do not need to register or confirm SMS. The developer and author of the program – Antonio Da Cruz. The program interface is translated into 26 languages (without English).

The graphic editor PhotoFiltre for most tasks can replace the complex Adobe Photoshop. PhotoFiltre is great for learning the basics of computer graphics. This program is perfect for beginners and professionals. Program's features are designed for easy and quick creation of graphic compositions. It consists of ready-made tools. They help to edit finished photos or drawings, as well as create new works.

The program can use both standard functions and a variety of art filters. With the help of additional plug-ins that are on the developer's site, it is possible to expand the set of standard filters and options. In PhotoFiltrepos we can adjust brightness, contrast, saturation, correct gamma, use all different filters (watercolor, pastel, ink, etc.), Work with layers. In addition, in this editor, you can work with decorative text, optimize graphics, create greeting envelopes and postcards from ready-made templates. The work with textures, masks, patterns is very concise and convenient. In addition to this, the program has a built-in file manager, and also allows you to edit files in jpg, png, gif, tif, tga and bmp formats.

The advantages of this program: levels, a lot of color corrections and light / shadow options, the ability to adjust the brightness, saturation and contrast, different color settings, various filters for color correction, overlay and removal of layers optimized graphics, decorative text with the addition of the effects of volume, shadow, the function of creating cards by templates work with pictures in GIF format creating compositions from several drawings or photographs a lot of textures and contours, retouching, resize file. Disadvantages: layers, settings for certain tools.

Disadvantages: layers, settings for certain tools.

## References

- [1] PhotoFiltre Studio [Electronic resource]. Resource access mode: http://www.photofiltre-studio.com/
  - [2] FAQ Qt [Electronic resource]. Resource access mode: https://www.qt.io/faq/
- [3] What Is Freeware? (Freeware Definition) [Electronic resource]. Resource access mode: https://www.lifewire.com/freeware-definition-4154271
- [4] Get started with the Eclipse Platform [Electronic resource]. Resource access mode: https://www.ibm.com/developerworks/library/os-eclipse-platform/
- [5] The Difference Between A Developer, A Programmer And A Computer Scientist [Electronic resource]. Resource access mode: https://www.skorks.com/2010/03/the-difference-between-a-developer-a-programmer-and-a-computer-scientist/
- [6] Adjust shadows and light in Photoshop Elements [Electronic resource]. Resource access mode: https://helpx.adobe.com/photoshop-elements/using/adjusting-shadows-light.html