

Sample Scripts Installed with Photoshop Scripting Plugins

AppleScript

Alpha Channel From Text

Demonstrates how to create a new text item and convert it into an alpha channel.

Apply Text Style

This script will get every art layer in the active document. It will then analyze each layer to determine if it is a text art layer. If it is, then it will set the size of the text in the layer to 20 point, change the direction of the text to vertical and apply the layer style “SummerSky” to the text.

Batch Convert

For each document in a selected folder:

1. Duplicate the original document
2. Add document information to the document
3. Save the document as a JPEG with the new document information. The file name will have the format Temp00x where x is the file number.
4. Close the newly saved document.
5. Duplicate the original document a second time
6. Create a 100x100 thumbnail of the image
7. Save the thumbnail document as a JPEG file. The file name will have the format Thumbnail00x where x is the file number.

When all documents are converted, it will close all open documents.

Convert Colors

Demonstrates how to convert a CMYK color to an RGB color, how to convert the foreground color to an RGB color, and how to convert an RGB color to its hexadecimal equivalent.

Create New Text Item

Demonstrates how to create a new text item by first creating a new art layer, specifying its kind and then setting the contents of the text item.

Crop

Creates a new document and then crops the document bounds by considering the angle, resolution, width and height.

Crop and Rotate ArtLayers

Iterates through every text layer of the current document and crops and rotates each of them at a 45 degree angle.

Get Document By Name

Shows how to retrieve a document by name rather than by index. This is the preferred way of retrieving a document because get by index is not always reliable.

Get Text Item Center

Shows how to find the center point of a text item. It will demonstrate how to determine if an art layer is a text layer and how to use the properties of the text item.

Layer style

Applies a layer style to the first layer of a new document. It demonstrates how to use the background layer of the current document.

Make Selection

This script will select a region in the active document. It will then copy the selection to the clipboard and paste the contents of the clipboard into a new document.

Make Warp Text

This script will make a new text layer in a new document and set the contents of the text item in the new text layer. It will then set the point size of the text, the color, and the warp style and warp bend of the text item.

New Document

Shows how to create a new document and specifying its width and height and units.

Run JavaScript

This script will run the JavaScript named MosaicTiles.js, which is assumed to be in the current directory. A copy of the MosaicTiles.js script is located in the JavaScript sample scripts folder.

Save As TIFF

Creates a new document and saves it as a TIFF file, using TIFF save options.

Trim

Trims the current document and demonstrates how to use the options of the trim command.

UnitTypes

This script will create a new document and a new text layer. It will then demonstrate how to use units for setting position, width, height, baseline shift, left indent, first line indent and space before.

Visual Basic

Art layer style

Demonstrates how to apply a layer style to a layer. The layer styles are applied by style name, so in non-English versions of the application, this name will need to be modified to match the localized style name.

Batch Process:

For each document in a selected folder:

1. Duplicate the original document
2. Add document information to the document
3. Save the document as a JPEG with the new document information.
The file name will have the format Temp00x where x is the file number.
4. Close the newly saved document.
5. Duplicate the original document a second time
6. Create a 100x100 thumbnail of the image
7. Save the thumbnail document as a JPEG file. The file name will have the format Thumbnail00x where x is the file number.

When all documents are converted, it will close all open documents.

Clipboard interaction

This script will create a new target document which is 4 inch x 4 inch document, select the contents of the source document and copy it to the clipboard, and then paste the contents of the clipboard into the target document. Notice that the script sets the active document prior to doing the cut and paste because these operations only work on the active document.

Create and Execute Action

This script creates an action, which is equivalent to the Mosaic Tiles action and executes it.

Duplicate layers

This script demonstrates how to add a LayerSet and then duplicate the top layer and place it into the Layer Set.

Execute Action

This script executes the "Molten Lead" action, which is in the Photoshop actions palette. If using a non-English version of Photoshop, you may have to change the name of the action to match an appropriate action in your actions palette.

Execute JavaScript

This script demonstrates how to execute a JavaScript from within a Visual Basic application. The script MosaicTiles.js is located in the JavaScript folder.

Filters

If there is an active document, this script will create four different selections and apply a different filter to each one of the selections. The filters applied are “Dust and Scratches,” “Despeckle,” “Diffuse Glow,” and “Glass Effect.” After all filters are applied, the last selection is deselected.

Get Document By Name

Shows how to retrieve a document by name rather than by index. This is the preferred way of retrieving a document because get by index is not always reliable.

History State

Shows how to use the history state of a document to rewind to a previous document state. You can actually simulate an “undo” command by saving your previous history state and resetting it.

New Text Art

Demonstrates how to create a new text item by first creating a new art layer, specifying its kind and then setting the contents of the text item.

Open Document

Shows how to do a basic document open.

Save Formats

Demonstrates how to use SaveOptions in Photoshop. The script will save the active document in PDF, JPEG and Photoshop formats.

Selection

This script will select a region in the active document. It will then copy the selection to the clipboard and paste the contents of the clipboard into a new document.

Selection effects

This script demonstrates how to stroke and fill the current selection. This script draws a black stroke around the selection and then fills it with red.

Text art

This script shows how to determine if a layer is a text layer and how to apply to filter to a selection on the layer. The text layer must be rasterized before applying filters to it.

Before running the script, create one or more text layers in the active document

Text art center

This script will calculate the geometric center of each text item of a document

Transform Art

This script will iterate through all of the layers of a document. If the layer is not a text layer, then it will invert the contents of the layer. If it is the background layer, the entire canvas will be cropped and rotated. In order to invert the entire document, each layer must be inverted independently.

Trim document

This script demonstrates how to trim either the left and right edges of a document or the top and bottom edges of the document.

JavaScript

ActiveLayer.js

This script demonstrates how to set the active layer to the last art layer of the active document or the first if the last is already active.

ApplyFilters.js

If there is an active document, this script will create four different selections and apply a different filter to each one of the selections. The filters applied are “Dust and Scratches,” “Despeckle,” “Diffuse Glow,” and “Glass Effect.” After all filters are applied, the last selection is deselected.

ApplyLayerStyle.js

Demonstrates how to apply a layer style to a layer. The layer styles are applied by style name, so in non-English versions of the application, this name will need to be modified to match the localized style name.

Compare colors.js

This script demonstrates how to compare the application foreground color to the application background color.

Convert Colors.js

Converts the application foreground color to an RGB color.

CopyAndPaste.js

This example makes a selection in the active document, copies the selection, to the clipboard, creates a new document of the same dimensions and pastes the contents of the clipboard into it. It ensures that rulerUnits are set before creating the new document. It checks the kind of the layer before making the selection to be sure not to copy a text layer.

CropAndRotate.js

Crop a 10-pixel border from the image, and rotate the active document by 45 degrees.

Emboss.js

Demonstrates how you can use the action manager to execute the Emboss filter.

ExecuteMoltenLead.js

This script demonstrates how to use the action manager to execute a previously defined action. The name of the action comes from Photoshop's Actions Palette and may be different if running a non-English version of Photoshop.

FillSelection.js

Fill the current selection with an RGB color. It checks to make sure the active layer is not the background layer. It also assumes that there is an active selection in the document.

LayerKind.js

This script demonstrates how to create a new layer and set its kind to text.

LinkLayers.js

This script creates two new art layers and then links the second layer to the first.

LoadSelection.js

This script will demonstrate how to load a selection from a saved alpha channel.

MakeSelection.js

This script will select a region in the active document, replacing any previous selection.

MosaicTiles.js

This script demonstrates how you can use the action manager to execute the Mosaic Tiles filter.

MoveToLayerSet.js

This script will demonstrate how to duplicate the first layer and move it to the end of a new layer set.

NewDocument.js

Create a new Photoshop document with dimensions 4 inches by 4 inches. Make sure to set the ruler units prior to creating the document.

OpenDocument.js

Open a Photoshop document located in the Photoshop samples folder on the Photoshop CD. You must first create a File object to pass into the open method.

RotateLayers.js

This script demonstrates how to rotate a layer 45 degrees clockwise.

RulerUnits.js

This script demonstrates how to suppress all dialogs and then use the ruler units to create a 4-inch by 4-inch document. It will then create another document of the same size, but specified instead in pixel units.

Selection Stroke.js

Creates a selection and create a border around it. The script then sets the stroke color and width of the new stroke.

SetChannels.js

Assuming there are “Red” and “Blue” channels in your document, make the “Red” and “Blue” channels the active channels of the document.

WorkingWithText.js

This script will create a new art layer and convert it to a text layer. It then sets its contents, size and color.