# Differences in Functionality between EX and PRO

With CLIP STUDIO PAINT EX, you can use the functions below in addition to all of the functions available in CLIP STU-DIO PAINT PRO.



For details on CLIP STUDIO PAINT EX, see "CLIP STUDIO.NET".

#### Menu

- "New"
  - Allows you to configure the number of pages, story information, binding point and start page for a manga or comic file.
  - You can set story information when [Animation] is selected from [Use of work].
- "Open"

Allows you to import ComicStudio book files (extension: cst) and CLIP STUDIO name files (extension: csnf).

"Export (Single Layer)"

[Output range] can be configured in the [Export] dialog box.

- "Export multiple pages [EX]"
  - Works created in CLIP STUDIO PAINT can be saved in Kindle format. Saved files can be published for Kindle from CLIP STUDIO.
  - Works created for printing of a fanzine can be output to a printing place for printing. The 3D Preview for Binding can also be used to check what the created work will look like when bound.
  - Works created in CLIP STUDIO PAINT can be saved as EPUB data. Saved files can be published as e-books.
  - [Output range] can be configured in the [Export] dialog box.
- "Export animation" → "Export animation cels [EX]"

Allows you to export individual cels in general image format.

"Export animation" → "Export time sheet [EX]"

Allows you to export timesheets in CSV format.

"Export animation" → "OpenToonz Scene File [EX] \*"

Cels and timelines created in CLIP STUDIO PAINT can be exported for OpenToonz.

"Import" → "Batch import [EX]"

Allows you to specify multiple image files and import them to each page file as a layer.

"Import" → "Continuous Scan [EX]"

Allows you to use a commercial scanner to scan images continuously and import them to each page file as layers.

"Batch process [EX]"

You can run menu commands/auto actions for a specified page file in one go.

- "Print Settings"
  - Supports dual page printing and 2-page spread printing.
  - [Output range] can be configured in the [Print Settings] dialog box.
- "Print"

Supports multi-page printing.

Preferences [Windows]" → "Edit text [EX]"

You can configure settings relating to the story editor in the [Preferences] dialog.

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#### • "Story Menu [EX]"

The [Story] menu allows you to manage manga or comic works composed of multiple pages. You can manage how to display a page file, add pages, manage the manga or comic story information, and so on. You can also display the [Page Management] window.

For how to operate the [Page Management] window, also see "Explanation: Page Management [EX]".

## "Timeline" → "Change frame rate"

Allows you to change the total number of frames without changing the playback time of the animation when changing the frame rate (number of frames per second) set when creating a new canvas.

#### "LT conversion of layer [EX]"

Allows you to separate color images and 3D layers into outlines (line drawings) and tones and convert each of them into different layers. It allows you to obtain manga-like expressions with tone gradient.

## **Layer Property Palette**

#### "Extract line [EX]"

Allows you to extract outlines from a selected layer. Furthermore, clicking [Execution of LT conversion of layer] allows you to separate a selected layer into outlines (line drawings) and tones and convert each of them into different layers while keeping [Line extraction] settings.

## [Timeline] palette

#### "Functions of Timeline Palette"

You can set a value before 0 for [Start frame]. You can also set a value after 24 for [End frame].

## **All Sides View Palette**

### "[All sides view] Palette [EX] \*"

You can now use the [All Sides View] palette when editing a 3D layer. When a 3D layer is selected, it is possible to view a 3D material from four directions at the same time. When placing a 3D material, it is possible to adjust the position of the camera and focal point, as well as the position the of the 3D material.

## Differences in Functionality between DEBUT and EX/ PRO

There are some functions that are not available in CLIP STUDIO PAINT DEBUT. Clicking the icon on the [Command Bar] opens the Web browser showing an introduction to the CLIP STUDIO PAINT PRO functions, where you can check about functions not available in CLIP STUDIO PAINT DEBUT.

Upgrading to CLIP STUDIO PAINT PRO/EX will enable you to add functions useful for drawing illustrations and manga. For details on how to upgrade to CLIP STUDIO PAINT PRO/EX, see "CLIP STUDIO.NET".

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