

## **T2 Changelog Starting with 2.00**

### **From 2.00 to 2.01**

- Cloning
- PB Frame always changes tool mode to Arrow
- Compositing of PB frames is always OVER
- Tile is File Mode by default
- Queue Scheduler fixed again

### **2.01 ± 2.02**

- Right mouse down on the app icon orders from the Action Manager panel (if app is active; otherwise, double-click the app icon as usual)
- Autoscroll with Crop works properly
- Mysterious "Exiting due to Window Server death" crashes fixed.
- App no longer supports temp Beta Tester license keys

### **2.02 ± 2.03**

- When hidden, the app icon shows the progress pie of the currently running process. This way you can deactivate the app and still monitor a long-lasting action.
- Negative or zero sizes with resize are caught correctly
- Negative or zero sizes with mosaic are caught correctly
- "Report suggestion" added to Info menu

### **2.03 ± 2.04**

- Progress pie with hidden app composited over the app icon to allow better app recognition
- Fonts with bad font metrics are handled better (cases like 'j', 'q', 'l')
- Fonts in images with DPI other than 72 handled correctly. This includes that a 64pt font on a 300dpi image looks like a 64dpi font. Rare redraw errors possible.

- "New Image dpi" saved into defaults database
- More detailed crash backtraces
- Progress bar while launching for even sleep-lesser launch
- Progress pie in app icon shown even if app only deactivated; progress panel hides on deactivate.

## **2.04 ± 2.05**

- QueueScheduler can be opened more than once

## **2.05 ± 2.10**

- Right mouse button works again
- No color shield ± mask action instead
- Intensity setting handled correctly in Preview
- Smart Undo removed for speed reasons
- Correction RGB, Replace, Lighting don't work with Transformation for speedup reasons; now these are fast as hell! :-)
- Image Memory size displayed correctly
- Tool Panel doesn't react on Menu shortcuts
- ColorShield implemented as a part of the Replace action
- Zoom-Shortcuts as follows:
  - Drag selects the area
  - Click zooms in by factor 2
  - Alternate-Click zooms out by factor 2
  - Command-Click or [Space] zooms to 100%

## **2.10 ± 2.11**

- Modules speedup:
 

CorrectionRGB, CMYK, Alpha	1.6x
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HueSaturation, Saturation Shift	1.6x
HueSaturation, Hue Shift	2.3x
Linear Filter, 9x9	1.3x
Linear Filter, 3x3	1.7x
Dedither	1.6x
Blend	1.8x
Contourline	1.9x

- Blend got a grid for easier color-swatch positioning.
- New Module: Balance
- Histogram truncates peaks, and got a grid, too.
- B/W Histogram displaying improved.
- App looks also in ~/Library/TIFFany for T2.license, with highest priority; /LocalLibrary/TIFFany is considered 2nd highest, the AppWrapper the least priority. When saving a license, the priority is exactly reversed.
- **Transformation (Arrows) tool removed**; speed increased
- Zoom-On-Click fixed to show the correct part of image
- Alt-Drag on main anchor of a bezier point constraints the movement direction; on supporting points, ALT still defines sync/individual movement.

## 2.11 ± 2.12

- Transformation routines removed from TIFFanyBitmap class family. Small speedup in interpolation & antialiasing routines.
- Blend action:
  - Uses new CSMath classes
  - Additional speedup by factor 2.1x
  - Faster displaying of color-swatches
  - Problems with NXCMYKAdjust fixed
  - Memory leak fixed

- Module Caching built in:
  - After the 1st launch, the cache is generated
  - The cache is self-updating
  - True "on-demand" loading of actions
  - Works with demo versions
  - T2 knows only about actions / icons you really need
  - Expansions are statically loaded because of menu entries

This way, all modules in the search paths will be recognized and are available immediately; the first time a bundle is *accessed* is when its entry is selected in the Action Manager (or the shelf). The module is not *loaded* before you really press "Apply" (or select the Brush tool). This approach makes the last "Action Manager" launch step appear longer, but it decreases the overall launch time by 50+%. Removed bundles are pruned from the cache on T2 exit.
- "Active Modules" Preferences removed as it became inconform with caching
- Launch behavior of ActionManager / Tool Panel improved
- Image Database launch time improved

## **2.12 ± 2.13b**

- Clear Image - crashes fixed
- Expansion crashes fixed (since 2.12)
- "New Action" bug fixed (since 2.12)
- Unnecessary window redraws optimized (as far as I could tell)
- Event response time improved
- Resizing Database window resizes the matrix, not the browser
- Database remembers the size ratio browser/matrix

## **2.13 ± 2.14**

- New-style interpolation and antialiasing methods implemented.

- Resize rewritten. Speedup factors:
  - Shrink, all methods 1.3x
  - Nearest Neighbor 1.2x
  - Linear interpolation 2.0x
  - Cubic interpolation 1.6x
  - Blackman Sinc interpolation 1.5x
  - Hamming Sinc interpolation 1.5x
  - Catmull-Rom spline 2.9x
- Blackman sinc interpolation removed ± lower quality than Catmull-Rom and slower, too.

**2.14 ± 2.15**

- Major internal rewrite to make HPPA compiler happy
- Affine Mapping uses new-style function calls. Speedup:
  - Translation 1.5x
  - Rotation / Shear / Scaling 1.1x
- Contourline bug fixed: You get now five contourlines when you've choosen five ... and not six ;-)
- Paste improved. Speedup:
  - Paste 1:1 1.1x
  - Enlarging paste 1.6x
  - Shrinking paste 1.1x
- ChannelConversion renamed to ChannelConversionCMYK
- ChannelConversionCMYK uses new-style function calls. Speedup factor 1.3x
- New module ChannelConversionRGB implemented.

**2.15 ± 2.17**

- Internal restructuring completed
- Bundle substitution fixed

- ActionManager creates backup files of tam files, as described
- Application no longer crashes when it encounters a TAM file written by a younger version.

### **2.17b**

- HP triple-FAT port available
- German language support

### **2.17 ± 2.18**

- Cloning works with Demo versions
- Home directory permissions do not get messed up on virgin launch / new license installation
- An action manager is opened by default on new accounts.

### **2.18 ± 2.20**

- OOE compliant
- Quadruple FAT Motorola, Intel, HPPA, Sparc