# Sea Turtle Image Processor

## Product Homepage

Please always check <https://github.com/hardywang/batch-image-watermark-processor/releases/> for latest release, information and contact methods. You can also join online discussion at <https://github.com/hardywang/batch-image-watermark-processor/issues>.

## Project Name

Hardy Software Batch Image Processor

## Code Name

Sea Turtle

## Version Number

2. 14 (File# 2.14.0.0, Build# 2.14.5551.18359)

## System Requirement

Before you launch the application, please make sure Microsoft .Net Framework 4.5 Runtime (download from <https://www.microsoft.com/en-ca/download/details.aspx?id=30653>) is installed on your computer.

## Operation System Support

Microsoft Windows XP, Microsoft Windows Vista, Microsoft Windows 2008, Microsoft Windows 7

## Version History

* 2015-03-14: 2.14
* 2013-05-29: 2.12
* 2012-05-17: 2.10
* 2012-02-07: 2.9
* 2010-08-11: 2.8
* 2010-04-12: 2.7
* 2010-02-15: 2.6
* 2009-09-18: 2.5
* 2009-07-27: 2. 4
* 2009-03-19: 2.0 Beta 3
* 2009-03-06: 2.0 Beta 2
* 2009-02-24: 2.0 Beta 1
* 2009-02-08: 2.0 Beta
* 2006: Version 1

## Change History

* Version 2.14
  + There is no functional change, the project hosting site is switched from Google Code to GitHub.
* Version 2.12
  + Added pencil sketch effect.
  + Added support to controlling file.
  + Added incomplete translations of French, Italian and Russian. If you can help, please visit <http://code.google.com/p/batch-image-watermark-processor/wiki/SeaTurtle2_Localization> for details.
* Version 2.10
  + Added GPS EXIF support.
* Version 2.9
  + Removed the configuration of thread number from Preference Window, instead use CPU number to drive the thread number.
* Version 2.8
  + Added theme support.
  + Some bug fixes.
* Version 2.7
  + Added control of distance to edge value for watermark texts/images.
  + Added oil paint effect as option to process type.
  + Added relief effect as option to process type.
* Version 2.6
  + Totally redesigned the watermark setting section to allow unlimited image/text watermark.
  + Some bug fixes.
  + Maintenance code change.
* Version 2.5
  + Added support to keep EXIF in output images.
  + Some bug fixes.
  + Maintenance code change.
* Version 2. 4
  + Added EXIF Macro in watermark text support.
  + Some bug fixes.
* Version 2.0 Beta 3
  + Enhanced EXIF information display in image list tooltip.
  + Added feature to support multiple watermark image layout attributes:
    - Rotation;
    - Opacity;
  + Added feature to support multiple watermark text layout attributes:
    - Rotation;
    - Alignment for multiple lines text;
    - Color, which includes opacity;
  + Some bug fixes.
* Version 2.0 Beta 2
  + Added multi-lingual support by operation system’s language setting. Currently supported language: English, Simplified Chinese.
  + Changed watermark text/image position picker.
  + Changed drop shadow position picker.
  + And some bug fixes.
* Version 2.0 Beta 1, bug fixes and some user experience change
  + Added drag-n-drop from Windows Explorer to open project file.
  + Changed watermark text box to have multiple lines.
  + Changed control/option sections to wrap within Expanders instead of Group Boxes.
  + Added background latest version checking feature.
  + And various bugs fixing.
* Version 2.0 Beta, a total rewrite of the UI
  + Total rewrite the UI with WPF 3.5;
  + Most of the processing logic is kept and unchanged or with minor improvement.
* Version 1, Initial release to include following features:
  + Batch adding image/text watermark;
  + Batch resizing;
  + Batch renaming;
  + Batch thumbnail generating;
  + And more.

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