

Release Notes

Table of contents

1 Release 1.4.0.....	2
2 Release 1.3.2.....	2
3 Release 1.3.1.....	2
4 Release 1.3.0.....	2
5 Release 1.2.1.....	2
6 Release 1.2.0.....	3
7 Release 1.1.0.....	3
8 Release 1.0.0.....	3
9 Release 0.99.0.....	3
10 Release 0.98.0.....	3
11 Release 0.97.0.....	4
12 Release 0.96.0.....	4
13 Release 0.95.0.....	4

Note:

For a detailed list of changes, have a look at the [ChangeLog](#).

1. Release 1.4.0

- Added class `ArrayListErrorConsumer`. This class is useful to catch the metric-output of the `compare`-command.
- The `Info`-class now also accepts images from an `InputStream`. Thanks to Mihaly Koles for suggesting this change and for providing an initial implementation.
- Updated interfaces for `ufraw`, `jpegtran` and `ImageMagick`. Since the last release, there were 27 (!) new `ImageMagick`-options.
- Optimized code-generation (removed unnecessary code from methods without arguments).

2. Release 1.3.2

- The interface-definition for `dcrw` had various bugs. This version fixes the bugs and added two new methods (`setGamma` and `depth16withGamma`).

3. Release 1.3.1

- Bugfix for a `NullPointerException` in the `Info`-class. The parser could not deal with empty lines within image-properties.

4. Release 1.3.0

- Added support for `ImageMagick`'s `compare`-command
- Update of `ImageMagick`'s commandline options
- Rework of the `Info` class: the implementation prior to 1.3.0 had a number of flaws and shortcomings. If the image contained more than one scene, the constructor requesting basic attributes would fill the attributes from the *first* scene, whereas the constructor requesting full attributes would fill the attributes from the *last* scene. In addition, `Info.getImageWidth()` and `Info.getImageHeight()` didn't return the image width and height, but the page width and height (although for most images this is identical). With the new implementation, these bugs were fixed and all attributes of all scenes are available. Please read the API-documentation for details.
- Support more image-formats for `BufferedImages`. If you installed the JAI-extensions you gain support for CMYK-images through the JAI-tiff-plugin.

5. Release 1.2.1

- Documentation-update: `im4java` is available at maven-central

6. Release 1.2.0

- Code generation is much faster
- Improved `Info` class: simple interface to retrieve basic image-properties
- fixed a number of bugs

7. Release 1.1.0

- Support ImageMagick's read-modifier for image-placeholders
- Support [parallel processing](#) of images. This feature will efficiently use your multi-processor computer (note that this is mainly useful for desktop-applications). Note that the im4java-API for parallel processing is not yet considered as stable. This depends on feedback and bug-reports. I am not overly optimistic that I found and fixed all bugs and race-conditions.
- The interface `org.im4java.process.ProcessListener` is deprecated and is replaced with `org.im4java.process.ProcessEventListener`. Transition should be easy, since the interfaces are very similar. This change was necessary to support parallel processing. The old interface will be removed with the first release after beginning of 2011.
- Fixed a serious bug in the implementation which could lead to deadlocks under Windows (thanks to Jaroslav Snajdr for pointing this out and providing a patch).
- The binary-distribution now contains two versions of the im4java-jar: one for JRE 1.6, one for 1.5.
- The source-distribution will again contain all generated java-source-files.

8. Release 1.0.0

- Relaunch of the project-web, adding a lot of documentation
- Refactored `Test.java`
- All tests now work under Windows
- Added script-generator
- Support the environment-variable `IM4JAVA_TOOLPATH` to set the searchpath for tools externally
- Removed generated files (including doc) from the source distribution
- Removed source from the binary distribution

9. Release 0.99.0

- Added support for defining search paths
- Minor fixes to interface-definition-files

10. Release 0.98.0

- Added support for exiftool

- Added support for ddraw
- minor fixes to interface-definition-files

11. Release 0.97.0

- Added support for udraw
- Added support for asynchronous execution of commands
- Source-generation now supports commands with long-style (--foo=bar) options

12. Release 0.96.0

- Source-generation now supports more than one interface-definition-file
- Added support for GraphicsMagick. You can hard-code GM-usage, but if you stick to the common subset of IM and GM commands, you can switch to GM at runtime by setting the system-property `im4java.useGM=true`.
- Added support for jpegtran
- Added some utility-classes in `org.im4java.process`
- ImageCommand now sends stdout to `System.out` as default
- Incompatible change to `IdentifyCmd`: output is not captured by default anymore. To capture output, use the new class `org.im4java.process.ArrayListOutputConsumer`. See `org.im4java.test.Test.testIdentify()` for an example.

13. Release 0.95.0

- Initial release