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Java Advanced Imaging Status Update

Brian Burkhalter

Sun Microsystems, Inc.

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JAI Status Update

Get up to date on JAI

Review current status and potential future plan for the Java Advanced Imaging API and the JAI Image I/O Tools package set

Agenda

Current Status

Future Plans

Question & Answer

Current State of JAI

Recent Activity - Releases

- **JAI 1.1.3-beta**
 - Released December 2005 (including WebStart version)
 - Bug fixes
- **JAI Image I/O Tools 1.1-beta**
 - Released 11 May 2006 (last week)
 - Bug fixes
 - Sync BMP, WBMP reader-writer and GIF writer with J2SE
 - Enhancements:
 - JPEG and TIFF forms of EXIF
 - JPEG reader CMYK, YCCK, and metadata
 - JPEG, PNG, and TIFF embedded ICC profiles

Current State of JAI

Recent Activity - Contributions

- **JAI**
 - “jaistuff” project - <https://jaistuff.dev.java.net/>
 - User-contributed project containing code, tips, and data sets
 - Sub-project of “jai” project on java.net
- **JAI Image I/O Tools**
 - “jrawio” project - <https://jrawio.dev.java.net/>
 - User-contributed project containing Image I/O plug-ins for handling digital camera images in “RAW” format
 - Sub-project of “imageio” project on java.net

Future Plan

Near term objectives

- **JAI 1.1.3-fcs**
 - To be released ASAP
 - Fix 1.1.3-beta regressions
- **JAI Image I/O Tools 1.1-fcs**
 - To be released post JAI 1.1.3-fcs
 - Fix 1.1-beta regressions
 - WebStart version

Source: Please add the source of your data here

Future Plan

Prospective mid-term objectives

- **JAI 1.X**
 - Bug fixes and incremental enhancements
 - Likely user request/contribution-driven
- **JAI Image I/O 1.2**
 - Better alignment with J2SE-supported formats
 - Potential improvements:
 - Bug fixes with emphasis on JPEG 2000 (Sun/contribution)
 - GeoTIFF metadata support (contribution)
 - JBIG and JBIG2 plug-ins (Sun/contribution)

Source: Please add the source of your data here

For More Information

Please visit java.net

- Java Media Projects on java.net
 - <https://media.dev.java.net/>
- JAI
 - <https://jai.dev.java.net>
 - <https://jai-core.dev.java.net>
- JAI Image I/O
 - <https://jai-imageio.dev.java.net>
 - <https://jai-imageio-core.dev.java.net>

Q&A