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/* A Bison parser, made by GNU Bison 2.4.1. */

/* Skeleton implementation for Bison LALR(1) parsers in C++

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Bison

/* A Bison parser, made by GNU Bison 2.4.1. */

/* Skeleton implementation for Bison LALR(1) parsers in C++

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Fmask

ENVI uses the Fmask algorithm cited in the following references:

Zhu, Z., S. Wang, and C. E. Woodcock. "Improvement and Expansion of the Fmask Algorithm: Cloud, Cloud Shadow, and Snow Detection for Landsats 4-7, 8, and Sentinel 2 Images." *Remote Sensing of Environment* 159 (2015): 269-277, doi:10.1016/j.rse.2014.12.014 (paper for Fmask version 3.2).

Zhu, Z., and C. E. Woodcock. "Object-Based Cloud and Cloud Shadow Detection in Landsat Imagery." *Remote Sensing of Environment* 118 (2012): 83-94, doi:10.1016/j.rse.2011.10.028 (paper for Fmask version 1.6).

libjpeg

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FLAASH®, SMACC and QUAC® are licensed from Spectral Sciences, Inc. under U.S. Patent No. 6,909,815 and U.S. Patent No. 7,046,852 B2.

NNDiffuse methodology for pan-sharpening of multispectral imager was developed by the Digital Imaging and Remote Sensing Laboratory in the Chester F. Carlson Center for Imaging Science at RIT. For more information on the methodology please see:

"Pan-sharpening of spectral image with anisotropic diffusion for fine feature extraction using GPU", W. Sun & D.W. Messinger, Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX, Proceedings of SPIE vol. 8743, Baltimore, MD May 2013

and

"Nearest-neighbor diffusion-based pan-sharpening algorithm for spectral images", Weihua Sun; Bin Chen; David W. Messinger, Opt. Eng. 53 (1), 013107 (January 24, 2014); doi:10.1117/1.OE.53.1.013107

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