

ISIS 2 Ports - Feature #220

ISIS 2 applications to be ported to ISIS 3

2011-07-19 08:06 AM - Stuart Sides

Status: Acknowledged Priority: Normal Assignee: Category: API Target version:	
Description This post was transferred to Mantis from the support board. These posts need to be broken down to individual issues. <i>Additional information:</i> Hi, The ISIS 2 program LINFIT tops my list (at the moment - photogrammetry is on my mind and this program is used frequently during the process). Thanks, Lynn I have another program or two to add - cpylab and lev1prop. The latter would be very useful for the LMMP photogrammetry work (I have socket ortho images that have virtually no label information). For both programs the only option in ISIS 3 is to run editlab repeatedly. This is very time consuming (not just running the program, but gathering all of the keywords and values to use). Lynn The following ISIS2 programs are needed for processing Cassini BIDR data: pds2isis fixres nanfix isis2pds Ella Mae no other missing program is PC2D. I know it's in the queue, but it has been for some time. I still have to go to ISIS 2 to perform photogrammetry. Hi, The following are ISIS2 MER programs we need: avg_sd merlevinit mermos make_infocus merlev1tolev2 merlevpt mer2pds Ability to process pancam data. IDL programs that are used to view and generate products (merstamps,mi_focus2depth) Ella Mae Ella Mae	

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For MEX SRC:

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Hi Stuart,

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--shadowtau
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--bndsyrnc
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Thanks,
Janet Richie

I second Janet Richie's request for bandsynprc and the associated statistical app that goes with it.

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The cpylab and lev1prop capabilities are needed in order to run photometry related software on level 2 files. This was available in ISIS2 and should be available in ISIS3.

Please remove srclevinit from the list....turns out levinit was the program that we ran for the MEX SRC camera
Sorry for the confusion,
Annie

Also available at internal Wiki

http://intraweb.wr.usgs.gov/webteamwiki/index.php/ISIS_2_Priorities

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Related issues:

Related to ISIS 2 Ports - Feature #868: linfit - Perform linear least squares...	Acknowledged
Related to ISIS 2 Ports - Feature #869: Convert the ISIS 2 capability of lev...	Acknowledged
Related to ISIS - Feature #872: Create an isis2pds like - Cassini Radar speci...	In Progress
Related to ISIS 2 Ports - Feature #873: fixres - Cassini Radar	Acknowledged
Related to ISIS 2 Ports - Feature #874: Convert ISIS 2 capability of nanfix -...	Acknowledged
Related to ISIS 2 Ports - Feature #878: Convert ISIS 2 merlevinit to ISIS 3	Acknowledged
Related to ISIS 2 Ports - Feature #879: Convert ISIS 2 mermos to ISIS 3	Acknowledged
Related to ISIS 2 Ports - Feature #880: Convert ISIS 2 make_infocus to ISIS 3	Acknowledged
Related to ISIS 2 Ports - Feature #881: Convert ISIS 2 merlevltov2 to ISIS 3	Acknowledged
Related to ISIS 2 Ports - Feature #882: Convert ISIS 2 merlevpt to ISIS 3	Acknowledged
Related to ISIS 2 Ports - Feature #883: Convert mer2pds from ISIS2 to ISIS3	Acknowledged

Related to ISIS 2 Ports - Feature #884: Convert ISIS 2 pancam to ISIS 3 - MER...	Acknowledged	
Related to ISIS 2 Ports - Feature #885: Convert ISIS 2 merstamps to ISIS 3	Acknowledged	
Related to ISIS 2 Ports - Feature #886: Covert ISIS 2 mi_focus2depth to ISIS 3	Acknowledged	
Related to ISIS 2 Ports - Feature #870: Convert ISIS 2 capability of sbdr2isi...	Acknowledged	
Related to ISIS 2 Ports - Feature #871: sbdr2grid - Cassini Radar	Acknowledged	
Related to ISIS 2 Ports - Feature #888: Convert the ISIS2 capability of tic t...	Acknowledged	
Related to ISIS 2 Ports - Feature #889: Convert bandsynprc from ISIS2 to ISIS3	Acknowledged	
Related to ISIS 2 Ports - Feature #890: Convert the bandsyn capability from I...	Acknowledged	
Related to ISIS - Documentation #451: phoempglobal - Test and document	Closed	
Related to ISIS - Bug #1334: phoempglobal-no output produced when emamax_pcoe...	Acknowledged	
Related to ISIS - Documentation #450: phoemplocal - Test and document	Closed	
Related to ISIS - Feature #1352: Desire to regain full functionality of the P...	Acknowledged	
Related to ISIS - Feature #575: New Application Barscale	Closed	
Related to ISIS - Bug #597: grid - Test and document for Isis 3.4.0	Closed	
Related to ISIS - Bug #607: grid - outline=true fills half my mosiac with HRS...	Closed	
Related to ISIS - Bug #750: grid - Setting DN values doe not work right	Closed	
Related to ISIS - Documentation #178: Workshop Issue: grid	Closed	
Related to ISIS - Feature #92: Ability to view co-registered match points bet...	Closed	
Related to ISIS - Bug #1551: qview - match point tool produces errors when at...	Closed	2013-11-20
Related to ISIS - Bug #642: Make sure shadowtau gives same results as ISIS2 v...	Closed	
Related to ISIS - Documentation #455: shadowtau - Test and document	Closed	
Related to ISIS - Bug #194: Do we have anything similar to ISIS 2 cpylab?	Acknowledged	
Related to ISIS - Feature #891: Convert SFROM capabilities from ISIS 2 to ISIS 3	Acknowledged	
Duplicated by ISIS 2 Ports - Feature #875: Convert ISIS 2 PC2D - Photoclinome...	Acknowledged	

History

#1 - 2012-06-14 07:41 PM - Tammy Becker

Moved this 'parent' issue to Isis2 Sub-Project. Also changed type=bug to type=feature. The conversion effort is not a bug from an Isis3-user point of view.

#2 - 2012-06-22 06:08 PM - Janet Richie

Just found some more programs that you might consider converting from ISIS2 to ISIS3.

#3 - 2013-03-29 12:22 PM - Anonymous

- Target version deleted (150)

#4 - 2013-07-26 01:21 PM - Tammy Becker

Stuart Sides wrote:

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Additional information:

Hi,

The ISIS 2 program LINFIT tops my list (at the moment - photoclinometry is on my mind and this program is used frequently during the process). LINFIT (#00868)

Thanks,

Lynn

I have another program or two to add - cpylab and lev1prop (#00869). The latter would be very useful for the LMMP photoclinometry work (I have socket ortho images that have virtually no label information).

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Lynn

The following ISIS2 programs are needed for processing Cassini BIDR data:

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Ella Mae

nother missing program is PC2D.

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Hi,

The following are ISIS2 MER programs we need:

avg_sd (equivalent ISIS3 application=stats)
merlevinit (#00878)
mermos (#00879)
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Ability to process pancam data (#00884).

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Hi,

I would need:

Daisy (script)
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All the MER programs mentioned by Annie and Ella

Thanks,

Bonnie

Hi Stuart,

I recommend the following ISIS2 programs to be added to the ISIS3 software as follows:

--tic (#00888)
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Tammy Becker ADDED Ticket Numbers to the original post:

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