

McIDAS Advisory Committee (MAC) Sponsored: Group Discussion

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McIDAS Advisory Committee Co-Chair from 2012-2014

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McIDAS Advisory Committee Co-Chair from 2012-2013

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McIDAS Advisory Committee

- Active Members 2012-2013:
 - Kristopher Bedka, Co-Chair (SSAI @ NASA LaRC)
 - Jessica Braun (SSAI @ NOAA/ESPC)
 - Joleen Feltz, Co-Chair (CIMSS)
 - Greg Gallina (NOAA/ESPC)
 - Mat Gunshor (CIMSS)
 - Matt Lazzara (AMRC)
 - Don Hillger (CIRA)
 - Dave Watson (CIRA)
 - Tom Yoksas (Unidata)
 - Jim Nelson (CIMSS)
 - Steve Wanzong (CIMSS)
 - HP Roesli (EUMETSAT: Retired)
- Non-voting member: Becky Schaffer (SSEC)

McIDAS Advisory Committee

- Members in 2014:
 - Kristopher Bedka (SSAI @ NASA LaRC)
 - Jessica Braun (SSAI @ NOAA/ESPC)
 - Greg Gallina (NOAA/ESPC)
 - Joleen Feltz, **Chair** (CIMSS/SSEC)
 - Mat Gunshor (CIMSS/SSEC)
 - Steve Wanzong (CIMSS/SSEC)
 - Matt Lazzara (AMRC/SSEC)
 - Don Hillger (CIRA)
 - Dave Watson (CIRA)
 - Tom Yoksas (Unidata)
- Non-voting member: Becky Schaffer (SSEC)

The MAC Needs Your Support!

- Representatives needed
 - EUMETSAT
 - Your MUG Site
- If your MUG site is not represented, contact the chair directly with concerns:
joleen.feltz@ssec.wisc.edu

MAC Activity 2012-2013

Review of MUG Input for McIDAS-V Development

- Had not been reviewed since 2008 when McIDAS-V had not been used regularly by the user community.
- Review needs in relation to McIDAS-V functionality
- Acknowledge capabilities implemented in the software which had been recommended by the 2008 committee
- Add requests for capabilities in relation to current and projected use of McIDAS-V in the scientific community
- Refine definitions and set benchmarks within priorities that better define the completion of the priority
- Rank need for capabilities combining the input from the 2013 and the 2008 committees

2008 Top Ten

1. Multiple jobs with no interference, no excessive load
2. Scheduling: cron job
3. Efficient two-way format-to-format conversion tools
netCDF is top priority
4. Full ADDE dataset functionality
5. Scheduler function
6. Large number of frames/loops
7. AWIPS/NAWIPS/some level of AWIPS II compatibility
8. Hyperspectral image analysis capabilities
9. Documentation and training
10. Time matching of displays

Achieved

- “Rick Kohrs” base maps (a.k.a. The Big Blue Marble)
- Removed terminology which reference BATCH in favor of developing scripting methods
- Google Like Mouse Controls
- Turn off 3D functionality
- Greater than 10 bit support
- Easy zoom/pan/resample
- Time matching of displays
- Standard Statistics for comparison/validation?

2013 Top Ten

1. Single or Multiple jobs With No Interference or Excessive Load
2. Ability to Work Across Entire Globe
3. Full ADDE Dataset Functionality
4. Continued Development and Improvement of Scripting Methods
5. Scheduling: Cron Job and Command Line Input
6. Continuity of McIDAS-X Capabilities
7. IMGPROBE
8. Efficient Two-Way Format-To-Format Conversion Tools
9. Improvement of Displays for Presentations, Web Design and Print
10. Output data in Various formats

MAC Direction for 2014

- Watch development of McIDAS-V. Provide input as appropriate
- Meet at a reduced frequency (Possibly once every 4 months)
- Eventually, the MAC input document should be reviewed again. It is a living document and should reflect changes in user needs as well as recognize achievements in software development

Discussion

- Concerns about software? (Mc-X or Mc-V)
- Is there an application for McIDAS-V in your workplace?
- Necessary but currently unavailable features (Mc-X or Mc-V?)
- Tools in use at your center?
- How can the MAC improve its communication with McIDAS Users? Are there preferred ways to address concerns in the community?
- Comments, questions or suggestions?