

12/1/98

RADAC meeting

14:30- 16:00

- I. Continue with action item:
Develop a picture of what the new system should look like
 - A. Donna Smith – RADAC Function Draft
 - Diagram shows the chronological order of 1 cycle for 1 piece of data
 - Should all data go through one filter, or should there be a filter for each data source?
 - Future site predictions currently being done on the IRIX, can/should this be incorporated into RADAC?
 - If data is only interdependent at the best select, should this point be moved to the beginning of the system?
 - The current RADAC filter creates points if they are missing from the data, the new RADAC should not generate data points.
 - B. Tom Taylor –
 - Best selects can be independent of each other, 8 coming in does not mean you'll have the best of the 8.
 - Mission specific or source specific
- II. Porting Issues: test to see what difficulties arise and execute performance comparisons
Document the entire process for porting to each system
Both systems need monitors, keyboards, mice, network cards...
 - A. NT
 - Diversified technology
 - Text based vs. GUI
 - Console windows vs. GUI
 - 2 Main problems: interface with hardware & interface with users
 - B. Linux
 - Need drivers for cards, probably need to develop them here
 - X windows vs. text
 - Need to allocate time for installation and a learning curve
- III. Comments
 - Sammi demo Thursday 12/3/98 0900-1100hrs. building E-106, 2nd floor conference room
 - Next meeting Thursday 12/10/98 1000hrs. N-161 2nd floor conference room
 - Presentation scheduled for Wednesday 12/16/98 1400hrs. E-106 2nd floor conference room
 - David Torrez has not had his thesis project approved as of yet.
- IV. Assignments for next week
 - Group effort: look at how to present forum
 - Terry- provide a list of items that were previously tested in developing the old RADAC
All- think of test cases to put into list
- V. Questions
 - Where should debris impact prediction be done?
 - At what point do the data sources become interdependent?
 - Do we support multiple missions per processor? Answer, no. For presentation, make statement of 1 mission per processor.
 - Do we need multiple program times?