SSEC / ISRO Collaboration

Tommy Jasmin, Ghansham Sangar, Nitesh Kaushik, many others
Kalpana-1 Data in McIDAS-V

- Data Adapters written
- VisAD optimizations made along the way
- ADDE server developed for HDF5 K1 data, publicly available:

  kalpana.ssec.wisc.edu
Kalpana-1 Data in McIDAS-V
Kalpana-1 Data in McIDAS-V
Scientific Workflow Management in McV

- Remember Origami?
- Search – Process – Visualize – Repeat

Plan proposed by ISRO is to provide a GUI to assemble workflows – each node is an algorithm or process.

Each algorithm is accessible as a dynamically discovered web service.

All integrated with McIDAS-V, developed as a plugin.
Scientific Workflow Management in McV
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![DAG Creation Wizard - nkaushik/Download/K1VHR.dag](image)