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 Return-Path: <bglenden@colobus.CV.NRAO.EDU>  
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 From: bglenden@colobus.CV.NRAO.EDU (Brian Glendenning)  
 To: aips2-cv@colobus.CV.NRAO.EDU  
 Subject: My summary of the day's confinement:  
 Date: Wed, 1 Apr 92 22:48:22 EST

What did we learn today?

The exact role of the associator is still fuzzy. We fudged the role of the associator by saying essentially that the associator was an omnipotent user who gave "main" exactly what it needed. What comes in via associations and what comes in via parameters needs to be clarified. (It should also be possible to associate parameters with datasets, to make things even more complicated).

The telescope is not needed - it is subsumed by the associator.

The IntImagingModel and IntTelescopeModel seem to hold up for the spectral line self-calibration problem, however the details still need to be worked out in detail (e.g. if you give a continuum image what yegs get predicted, how do you allow for spectral index, etc).

When exactly does the IntTelescopeModel get created, and what kinds are there and how and when do we want to associate them with the IntYegSets?

We probably want "virtual" IntYegSets that mimic the interface of IntYegSets and create the Yegs on demand. Internally an imaging model will need to be consulted.

Does the solver for polarization look like the solver we looked at in more detail? What do we do with Q+U? What do we attach them to? Is this (logically) history or does it need to be attached more directly somewhere?

Nonisoplaniticity seems to require that the telescope and imaging models be combined? How? Multiple inheritance or via some sort of pointer/association binding? We need to think about this a bit more.

What next? It seems to me that we're just about at the point where we need to make detailed study of a few things, which we should be able to do in smallish groups (1-3?). E.g. my guess about logical groups is the following:

IntYegSets		
IntImagingModel		To do a complicated spectral/multi IF and pol'n problem
IntTelescopeModel		(Think about mosaicing/nonisoplaniticity)

SDYegSet		
SDImagingModel		Similar (but maybe smaller scope)
SDTelescopeModel		

FITS/Blob

Association/Parameters

The interferometer group might well want to subdivide between the imaging model and the telescope model and maybe stick the intyegset onto the FITS/Blob group. Anyway, we'll discuss this in the morning.

Brian