

## Application Programming Update

*AP video, 8/13/02*

- XAL programming infrastructure
  - derived from UAL2
  - hierarchal framework based on accelerator structure
  - initialized from database
  - Use methods like: getNodesOfType("quad"), magnet.getField(), BPM.getxAvg() that hide connection details and exception handling
  
- Applications
  - Orbit Correction
  - Orbit Difference
  - XIODiag
  - Jython script interface (see <http://www.sns.gov/APGroup/appProg/xal/xal.htm> )
  
- Directions
  - Cosylab collaboration (Use their Abeans)
  - Scripts / apps for DTL commissioning
  - Add new sequences