Software Development Introduction
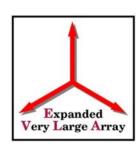
1. 18-month Chronology
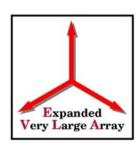2. Organization
3. Key Issues

18-month Chronology

- Spring 2003: International AIPS++ Project dissolved
- 6/2003: Interferometry S/W Division formed, absorbing AIPS++. Project-oriented focus begins
- 8/2003: EVLA Computing formed, including e2e part of Data Management
- 11/2003: EVLA S/W Project Scientist named
- 12/2003-6/2004: Overall high-level S/W design
- FY04: EVLA begins funding 1/3 of AIPS++
- Summer 2004: Overall and S/W transition plans begin
- Summer 2004: AIPS++ passes ALMA CDR2
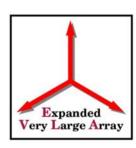- 10/2004: Begin developing EVLA deliverables in AIPS++

Organization

- Interferometry S/W Division includes development common to several NRAO telescopes

  - Response to EVLA needs improved

- e2e oversight committee addresses commonality among various projects

- EVLA e2e contains 4 FTEs, most responsible for observatory-wide deliverables

- NRAO plans search for observatory-wide software development coordinator

Key Issues

- EVLA is taking on more responsibility and costs of software development

- VLA must be kept operational during EVLA development

- EVLA presents novel post-processing problems, and we need a better model of how astronomers will reduce EVLA data

- Desire for extensive e2e capabilities not matched by available funding
  - Maximize borrowing/re-use of ALMA developments