ALMA Release Management: A Practical Approach

MOM311

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Software Delivery in Early Phase

- Code Freeze Period
- Accept. Testing
- Integrated Testing
- Initial Integrated Testing
- Routine Use
- Initial Site Testing
- Computing Release

Accept.
Current Software Delivery

RELEASE X
- Phase A: Implementation
- Phase B: Verification
- Phase C: Validation

RELEASE X + 1
- Phase A: Implementation
- Phase B: Verification
- Phase C: Validation

RELEASE X + 2
- Phase A: Implementation
- Phase B: Verification
- Phase C: Validation
Toward an Agile Approach
The Atacama Large Millimeter/submillimeter Array (ALMA), an international astronomy facility, is a partnership of Europe, North America and East Asia in cooperation with the Republic of Chile. ALMA is funded in Europe by the European Organization for Astronomical Research in the Southern Hemisphere (ESO), in North America by the U.S. National Science Foundation (NSF) in cooperation with the National Research Council of Canada (NRC) and the National Science Council of Taiwan (NSC) and in East Asia by the National Institutes of Natural Sciences (NINS) of Japan in cooperation with the Academia Sinica (AS) in Taiwan. ALMA construction and operations are led on behalf of Europe by ESO, on behalf of North America by the National Radio Astronomy Observatory (NRAO), which is managed by Associated Universities, Inc. (AUI) and on behalf of East Asia by the National Astronomical Observatory of Japan (NAOJ). The Joint ALMA Observatory (JAO) provides the unified leadership and management of the construction, commissioning and operation of ALMA.

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