

- 2020 March 31 - 15:00 UT
- Attendees
- Contact Information
- Action Items from previous meeting:
- Updates since last Meeting:
- 2020 Planning:
- Other institutions plans and proposed topics
- Any other business?
- Conclusions/Action Items

Organization	Attendee
ALMA	Jorge Avarias Tomas Staig
APEX	Bogdan Jeram Dirk Muders
CTA	Igor Oya Stefan Schlenstedt Joseph Schwarz Klemens Mosshammer David Melkumyan Emilio Garcia Luis Gesa Torsten Schmidt Vito Conforti
UTFSM	
ESO	Alessandro Caproni Gianluca Chiozzi

- Doodle: <https://doodle.com/poll/xevpq3xzump3zyds>
- Zoom Details: <https://alma.zoom.us/j/579126779>
- Share with ACE/TAO the bugfix for CORBA false timeouts: [https://github.com/DOCGroup/ACE\\_TAO/issues/1053](https://github.com/DOCGroup/ACE_TAO/issues/1053)
- Share TAT parsing utility/scripts
  - ACS/LGPL/acsBUILD/src/tat\_parser.py
  - Parse the test.log file generated from the 'make test' directive:
    - 'tat\_parser.py test.log'
- Follow up ACS Website tasks
- Port ACS to Java 11
  - ACS and the ALMA SW has been successfully ported to Java 11
  - Acceptance of ALMA SW using Java 11 is already undergoing
- Port ACS to Python 3
  - ACS was partially ported to Python 3 with 2019OCT release
    - Provides both Python 2 and 3 interpreters using 'pyenv'
    - Versions 2.7.16 and 3.6.9 are currently provided by ACS
  - Several bug-fixes in 2019DEC and 2020FEB
    - Initial tests show that it only works for clients
  - More bug-fixes and port of containers done in 2020APR
    - ~2% difference in tests results between Python 2 and 3
    - Mostly, the difference is in the output due to the interpreter version,
      - We do not discard some small pending compatibility changes
  - Mostly, changing between Python 2 and 3 means only to execute 'pyenv':
    - 'pyenv 2.7.16'
    - 'pyenv 3.6.9'
    - Only exception is acstime, which needs to be recompiled due to swig code being compiled and linked against only one Python header/library file
- ACS Changes
  - Enabled ACE/TAO iterators for CORBA types
  - ACS Container Daemon capability to create stacktraces and/or heap/core dumps
    - Works for Python, Java and C++
  - PyXB Upgrade to 1.2.6 (Latest)

- Affects code generated using pyxbgen (XSDBIND Makefile declarations)
  - Mostly the code is compatible:
    - XSD sequence was changed from list ([...]) to an iterable (\_PluralBinding class)
      - In most cases they're compatible, but under some specific usage it may not
- Stabilization of TAT module tests
  - There were around 40% of the tests failing. This has been lowered to around 5%, but we want to aim to at least around 1-3%
- Refactor of ACS Makefile
  - The refactor of ACS Makefile is currently stalled in favor of the Python 3 porting and tests stabilization
- RedHat 8 / CentOS 8
  - Start investigation about ACS/Common and RH/CentOS 8 compatibility
    - [ICT-16009](#) - Getting issue details... STATUS
- Bug-fixing
  - Fix memory leak in Components Smart Ptr class
    - [ICT-14804](#) - Getting issue details... STATUS
  - enumpropROImpl and enumpropRWImpl are initializing the BACI property with an uninitialized default value
    - [ICT-11598](#) - Getting issue details... STATUS
  - Overriding the value of in env. defined CPU in the acs makefile
    - [ICT-8182](#) - Getting issue details... STATUS
  - Behavior of retrieving non-existent loggers in Java, C++ and Python is different
    - [ICT-16193](#) - Getting issue details... STATUS
  - archive\_delta and archive\_delta\_percent don't work if pollingInterval=0
    - [ICT-16506](#) - Getting issue details... STATUS
- ACS 2020APR was finished today and internal pre-release published
  - Will reach the community in around 2 months
- ACS website: Still not published. Low priority
- Port ACS to Python 3
  - 2020AUG is expected to be a Python 3 only version of ACS, but it may still be compatible with Python 2 for a couple of releases afterwards
  - This only means that no further efforts would be made to make it compatible with Python 2
- ACS Tests stabilization (Probably by finished with 2020JUN release)
- Python 3 bug-fixing
- Refactor ACS Makefile
  - Core of the work is already done
  - Need to re-schedule the pending tasks
- Re-design the notification service
  - This is a tentative work to provide an alternative for the current notification service
  - We're in the planning phase of this project
- Confluence
  - This is the official content collaboration tool now used at ALMA.
  - ACS space is open to public, but editing is limited to registered users.
  - People interested in editing should let us know by e-mail either to [acs-discuss](#) or directly to [Tomas Staig.](#)
- ACS Community Bitbucket server has been separated from the ALMA Bitbucket server
  - <https://bitbucket.alma.cl/projects/ASW/repos/acs/browse>

☐ Type your task here, using "@" to assign to a user and "/" to select a due date