

- [1 Table of contents](#)
- [2 Release history and use in Alma](#)
- [3 Summary of Changes](#)
- [4 Addressed JIRA tickets](#)
- [5 Release Notes](#)
- [6 Problems](#)
 - [6.1 Problems Found And Fix Version in This Release](#)
 - [6.2 Problems Found And Fix Version in Future Releases](#)

Below is the list of addressed tickets.

ACS:

- Updated `generate_setup.py` to include `setup.py` file correctly.
- Ensured ACE/TAO is built with C++17.
- Ensured proper exit of flush thread loop.
- Checked defined but empty environment variables.
- Made fallback default version configurable.
- Added `acsbuild` package to support project's `setup.py`.
- Added functionality to exit `buildOmniORB` if there are compilation failures.
- Modified `MonSyncTool` to not update BP values by default.
- Set `NonAutonomousOracleDialect` as default in ACS/ARCHIVE/ICD.
- Added `NonAutonomousOracleDialect` class to prevent error logs.
- Upgraded `activemq-client` artifact for Jakarta EE JMS.
- Replaced Java EE JMS with Jakarta EE JMS.
- Ensured global variables are used when needed in `Log.py`.
- Checked if `FLUSHTHREAD` thread is initialized before join.
- Prevented flushing thread on log when shutting down Python.
- Made `map` keyword a reserved word in IDL files.
- Used native XML implementation for XML columns.
- Upgraded `OmniORBpy` to 4.3.2.
- Upgraded ACE/TAO to 7.1.3.

ARCHIVE:

- Set `NonAutonomousOracleDialect` as default in ACS/ARCHIVE/ICD.
- Used native XML implementation for XML columns.

ICD:

- Set `NonAutonomousOracleDialect` as default in ACS/ARCHIVE/ICD.
- Added `waitingforjao@alma.cl` to `Waiting+ForJAO` changes.
- Upgraded `cx_oracle` package version for Python 3.12.
- Changed ADAPT to log4j2 and improved HeartbeatSender logging.
- Enabled binding of text using SWT.Modify to enable DB writing.

| key | summary | type | created | updated | due | assignee | reporter | priority | status | resolution |
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```
git status
On branch integration/COMMON-2024APR
Your branch is up to date with 'origin/integration/COMMON-2024APR'.

git log --no-merges --oneline master..integration/COMMON-2024APR -- ACS
61d85ec0bc0 (origin/bugfix/ICT-23755) ICT-23755: generate_setup.py to include setup.py file correctly
17b01d10adf (origin/feature/ICT-23552) ICT-23552: Make sure ACE/TAO is built with C++17
c4468d2bbee (origin/bugfix/ICT-23579) ICT-23579: Ensure proper exit of flush thread loop
1e6d5c8f56f (origin/feature/ICT-23753) ICT-23753: Check defined but empty env variables
3be80f3495d ICT-23753: Fallback default version is now configurable
9fbf60e406f ICT-23753: Added acsbuild package to support projct's setup.py
58da24fbfd4 (origin/feature/ICT-23749) ICT-23749: buildOmniORB exits if there are compilation failures
2cb06aa67b8 (origin/feature/ICT-23367) ICT-23367: MonSyncTool doesn't update BP values by default
88e83b9f632 (origin/feature/ICT-23709) ICT-23709: Set NonAutonomousOracleDialect as default in ACS/ARCHIVE/ICD
293aa28f8a1 (origin/feature/ICT-23711) ICT-23711: Added build package as new standard for Python packaging
42af2896c22 ICT-23709: Added NonAutonomousOracleDialect class to prevent error logs
da941dfd1a6 (origin/feature/ICT-23698) ICT-23698: Upgrade activemq-client artifact for Jakarta EE JMS
155e82faf60 ICT-23698: Replaced Java EE JMS by Jakarta EE JMS
4b6c0b5671b ICT-23579: Make sure global variables are used when needed in Log.py
e1d136ab81a (origin/feature/ICT-23570) ICT-23570: XMLDoc column is now a standard type in HBM mapping
6ad403b0bef (origin/bugfix/ICT-23581) ICT-23581: Upgraded ephem for Python 3.12
74a01dce394 ICT-23579: Check if FLUSHTHREAD thread is initialized before join
belf9a43f8d ICT-23579: Prevent flushng thread on log when shutting down python
b81e3b7572c ICT-23552: map keyword is now a reserved word in IDL files
ece543c343f ICT-23570: Use native XML implementation for XML columns
3b38918faea (origin/feature/ICT-23556) ICT-23556: Upgraded OmniORBpy to 4.3.2
8295b44227c ICT-23552: Upgrade ACE/TAO to 7.1.3
db2b0c19995 ICT-23529: updated ACS to 2024APR version

git log --no-merges --oneline master..integration/COMMON-2024APR -- ARCHIVE
be621b6a36d (origin/ICT-23721-update-mvn-pom-version-2024.04) ICT-23721 updated pom to 2024.04
88e83b9f632 (origin/feature/ICT-23709) ICT-23709: Set NonAutonomousOracleDialect as default in ACS/ARCHIVE/ICD
ece543c343f ICT-23570: Use native XML implementation for XML columns

git log --no-merges --oneline master..integration/COMMON-2024APR -- ICD
88e83b9f632 (origin/feature/ICT-23709) ICT-23709: Set NonAutonomousOracleDialect as default in ACS/ARCHIVE/ICD
b8708274ef9 (origin/icd-obops/2024APR) ICT-23656 added waitingforjao@alma.cl to Waiting+ForJAO changes
ec3d917cbe0 ICT-23656 updated ICD/OBOPS poms to 2024.04
d5cb8005af4 (origin/bugfix/ICT-23598) ICT-23598: cx_oracle package version upgrade for Python 3.12
b4838b4243a ICT-23598: Bump version to 2024.04
1143227190d (origin/icd-adapt/2024APR) ICT-23635 changed ADAPT to log4j2 and improved HeartbeatSender logging
883a79d2172 ICT-23635 updated poms to 2024.04 and added generated messages for Java
df0c43c6a5d (origin/bugfix/ICT-23308) ICT-23308: Binding of Text using SWT.Modify enables DB writing
```

Problems Found And Fix Version in This Release

| key | summary | type | created | updated | assignee | reporter | priority | status | resolution |
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Problems Found And Fix Version in Future Releases

| key | summary | type | created | updated | assignee | reporter | priority | status | resolution |
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