ROC Validation
Test Environment
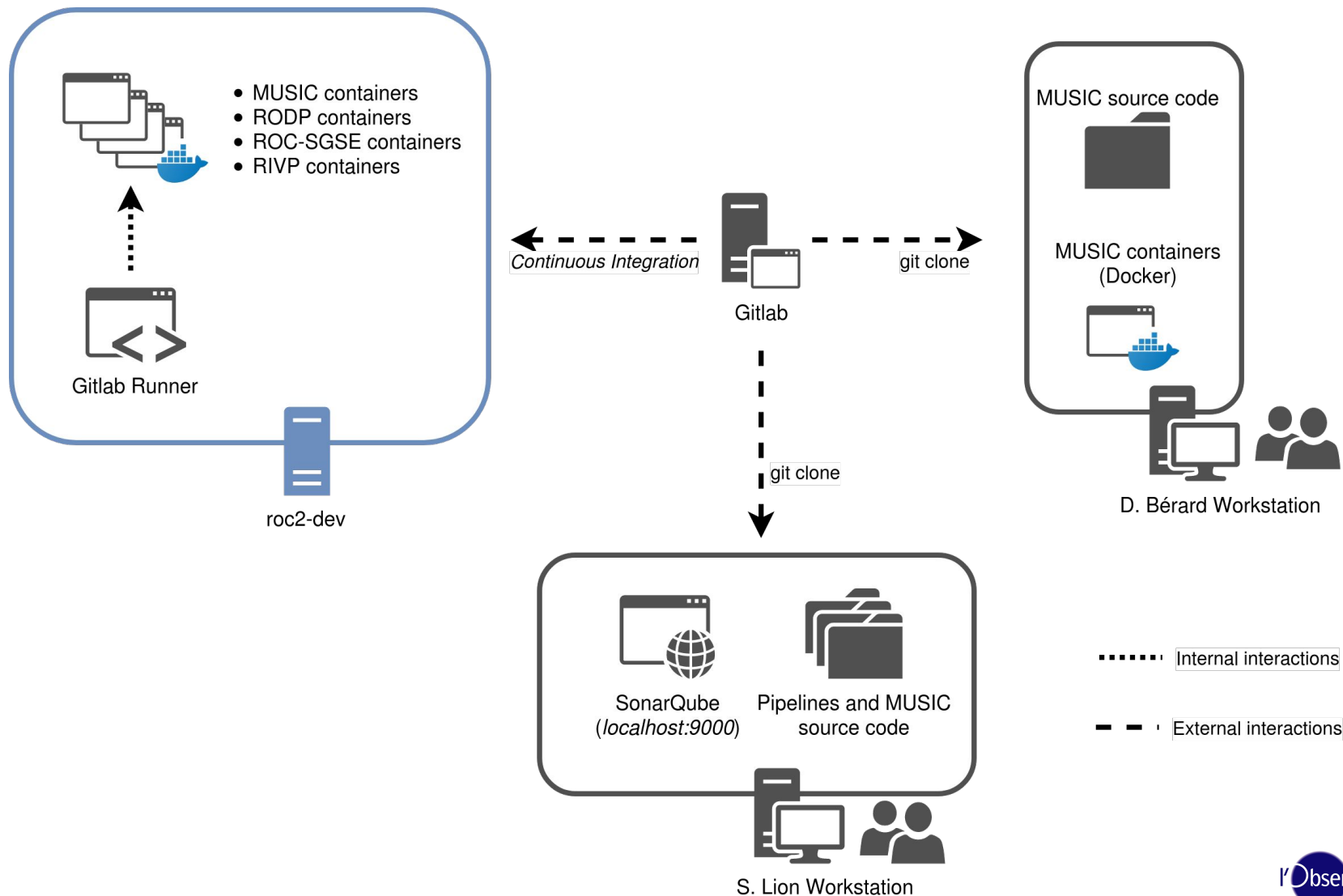
l'Observatoire de Paris | LESIA

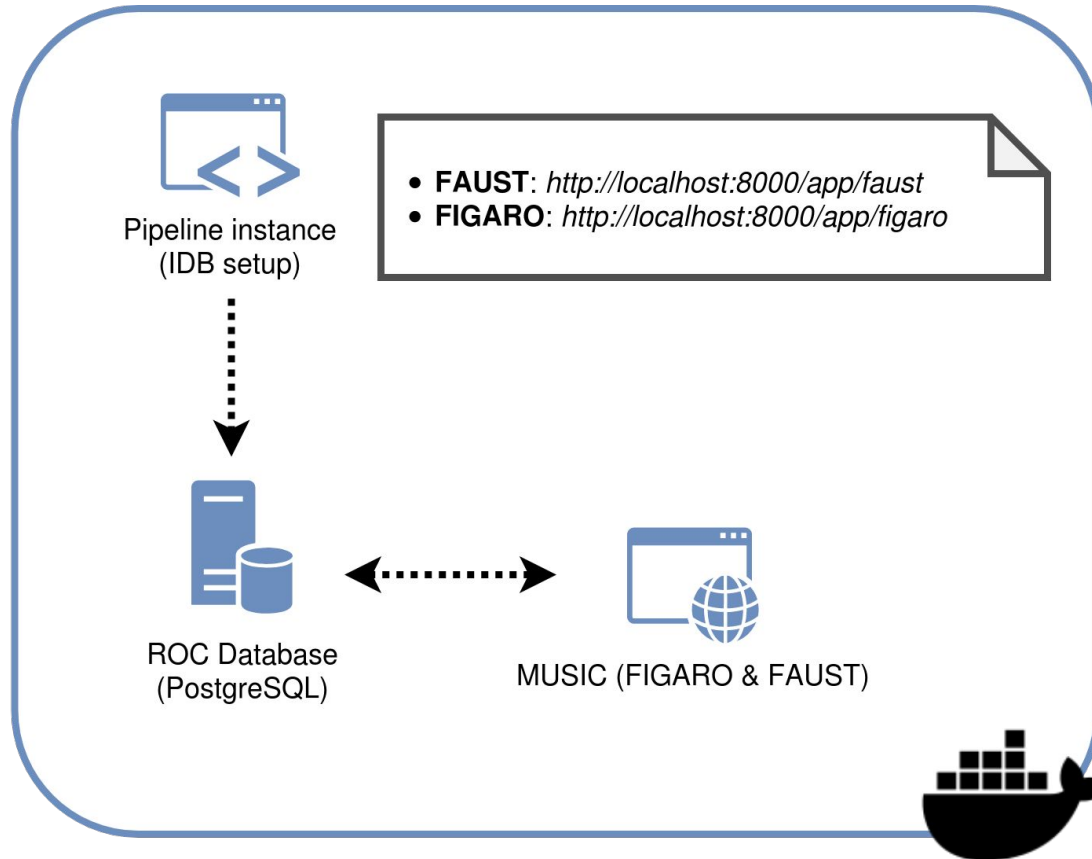Laboratoire d'Études Spatiales et d'Instrumentation en Astrophysique

Test Environment Overview

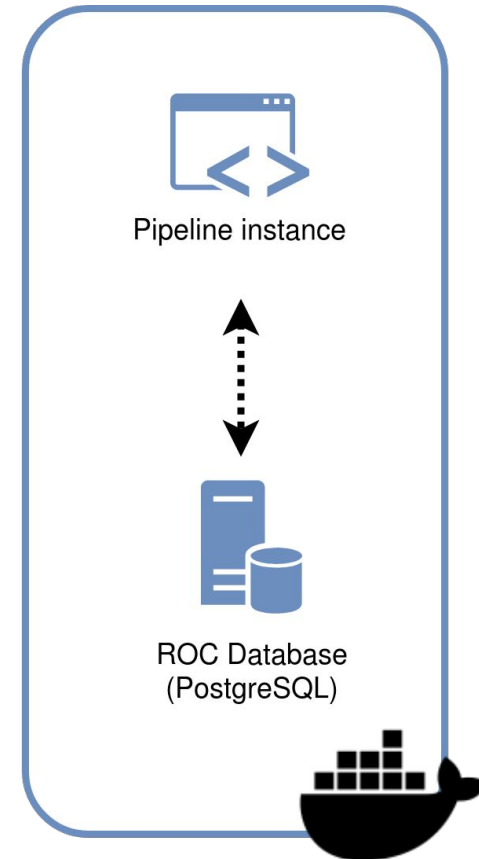- Based on the Continuous Integration environment (Gitlab-CI)

MUSIC and pipelines containers

- Each component run in a dedicated (Docker) container

- **FAUST**: *http://localhost:8000/app/faust*
- **FIGARO**: *http://localhost:8000/app/figaro*

Pipeline instance
(IDB setup)

ROC Database
(PostgreSQL)

MUSIC (FIGARO & FAUST)

Pipeline instance

ROC Database
(PostgreSQL)

MUSIC containers
(Docker)

RODP, ROC-SGSE or RIVP containers
(Docker)

Software Status

RODP

pipeline passed   coverage 41.00%

skipped
3/25

22/25

passed
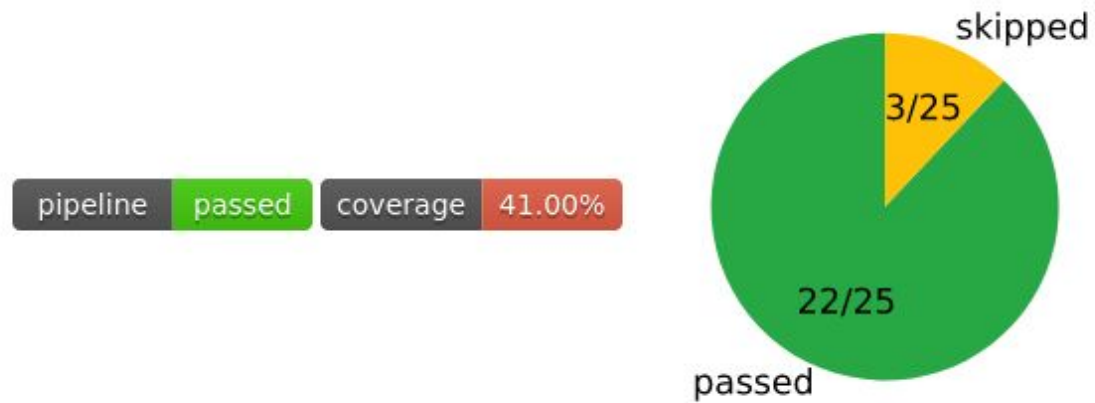
Gitlab Pipelines Management

Gitlab Jobs

Coverage Report

Coverage report: 41%

filter...

Module ↓	statements	missing	excluded	coverage
/usr/local/lib/python3.6/site-packages/roc/dadi/__init__.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dadi/commands.py	47	44	0	6%
/usr/local/lib/python3.6/site-packages/roc/dadi/config/__init__.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dadi/dadi.py	50	50	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/models/__init__.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dadi/models/files.py	34	34	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/tasks/__init__.py	2	2	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/tasks/archive.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dadi/tasks/distribute.py	37	37	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/tasks/prep_anc.py	23	23	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/tasks/prep_dds.py	50	50	0	0%
/usr/local/lib/python3.6/site-packages/roc/dadi/tests.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dingo/__init__.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dingo/commands.py	7	7	0	0%
/usr/local/lib/python3.6/site-packages/roc/dingo/dingo.py	0	0	0	100%
/usr/local/lib/python3.6/site-packages/roc/dingo/models/__init__.py	10	10	0	0%
/usr/local/lib/python3.6/site-packages/roc/dingo/models/packet.py	32	32	0	0%
/usr/local/lib/python3.6/site-packages/roc/dingo/tasks/__init__.py	2	2	0	0%
/usr/local/lib/python3.6/site-packages/roc/dingo/tasks/insert.py	55	55	0	0%
/usr/local/lib/python3.6/site-packages/roc/dingo/tasks/query.py	76	76	0	0%

Coverage Details

Coverage for **/usr/local/lib/python3.6/site-packages/roc/idb/converters/cdf_fill.py** : 35%

34 statements   12 run   22 missing   0 excluded

```python
1   #!/usr/bin/env python3
2   # -*- coding: utf-8 -*-
3
4   from poppy.core.generic.metaclasses import Singleton
5   from poppy.core.logger import logger
6
7   __all__ = ["CDFToFill", "fill_records", "fill_dict"]
8
9
10  def fill_records(records):
11      _filler(records, records.dtype.names)
12
13
14  def fill_dict(records):
15      _filler(records, records.keys())
16
17
18  def _filler(records, names):
19      # the converter
20      converter = CDFToFill()
21
22      # loop over fields
23      for name in names:
24          # dtype of the record
25          dtype = records[name].dtype.name
26
27          # the to fill with
28          value = converter(dtype)
29          logger.debug(
30              "Fill {0} record with {1} for type {2}".format(
31                  name,
32                  value,
33                  dtype,
34              )
35          )
```

Test Report

Class	Name	Status
.TestLoadIdbCommand	test_install_and_load_idb[MIB-20190411]	passed
.TestLoadIdbCommand	test_install_and_load_idb[PALISADE-4.3.3_MEB_PFM]	passed
test_rice.TestRICE	test_compress	passed
test_rpl_extraction.TestRPLExtraction	test_float_float	passed
test_rpl_extraction.TestRPLExtraction	test_signed_char	passed
test_rpl_extraction.TestRPLExtraction	test_signed_long	passed
test_rpl_extraction.TestRPLExtraction	test_signed_short	passed
test_rpl_extraction.TestRPLExtraction	test_unsigned_char	passed
test_rpl_extraction.TestRPLExtraction	test_unsigned_long	passed
test_rpl_extraction.TestRPLExtraction	test_unsigned_short	passed
test_time	test_cuc_to_nanosec	passed
test_time	test_cuc_to_microsec	passed

Test Cards and Validation Campaign

test_case_id: ROC-DATA_PROD-XXX-XX
requirements: REQ-ROC-CIRD-XXXX
version: x.y.z

created_by: X. Ample
reviewed_by: X. Ample

test_case_description: Test case description
test_scenario: Verify that everything is okay

tester_s_name: "
date_tested: 'YYYY/MM/DD'
test_case_status: "

prerequisites:
 -
 -
 -
 -

test_data:
 -
 -
 -
 -

test_steps:
 step_details:
 -
 -
 -
 -

 specification_id:
 -
 -
 -
 -

 expected_results:
 -
 -
 -
 -

 actual_results:
 -
 -
 -
 -

 status:
 -
 -
 -