

R52161: B16 DOI-Service Automated Tests Run

Created On	11/10/2025			
Completed	No			
Passed	Blocked	Untested	Retest	Failed
94% (112/119)	0% (0/119)	0% (0/119)	6% (7/119)	0% (0/119)
Partial Pass	Conditional Pass	Deprecated		
0% (0/119)	0% (0/119)	0% (0/119)		

Test Cases

pytest 119

ID	Title	Assigned To	Status
T9661398	test_post_dois_update_w_payload		Passed
T9661399	test_get_check_dois		Retest
T9661400	test_get_doi_missing_transaction_history		Passed
T9661401	test_disabled_release_endpoint		Passed
T9661402	test_post_dois_invalid_requests		Passed
T9661403	test_post_dois_reserve		Passed
T9661404	test_get_doi_missing_id		Passed
T9661405	test_filter_by_referrers		Passed
T9661406	test_get_dois		Passed
T9661407	test_get_doi_from_id		Passed
T9661408	test_post_release_missing_lid		Retest
T9661409	test_post_dois_update_w_url		Passed
T9661410	test_post_release		Retest
T9661411	test_html_content		Passed
T9661412	test_put_doi_from_id		Passed
T9661413	test_attachment_content		Passed
T9661414	test_roundup_email_recipients_correct		Passed
T9661415	test_post_release_w_errors		Retest
T9661416	test_post_submit		Passed
T9661417	test_post_release_missing_transaction_history		Retest
T9661418	test_roundup_email_sender_correct		Passed
T9661419	test_check_for_pending_entries		Passed
T9661420	test_email_receipt		Passed
T9661421	test_list_by_status		Passed
T9661422	test_check_for_pending_entries_w_error		Retest

T9661423	test_check_for_pending_entries_w_no_change	Retest
T9661424	test_get_transaction_for_identifier	Passed
T9661425	test_get_transaction_for_doi	Passed
T9661426	test_get_output_label_for_transaction	Passed
T9661427	test_file_content	Passed
T9661428	test_release_with_lblx_file	Passed
T9661429	test_reserve_release_to_provider	Passed
T9661430	test_review_release_to_osti	Passed
T9661431	test_reserve_release_to_review	Passed
T9661432	test_reserve_local_dir_one_file	Passed
T9661433	test_reserve_csv_and_submit	Passed
T9661434	test_reserve_local_dir_two_files	Passed
T9661435	test_review_release_to_review	Passed
T9661436	test_unreserved_release_to_review	Passed
T9661437	test_unreserved_release_to_provider	Passed
T9661438	test_remote_pds4_bundle	Passed
T9661439	test_reserve_pds4_label_and_submit	Passed
T9661440	test_reserve_remote_browse_collection	Passed
T9661441	test_reserve_remote_calibration_collection	Passed
T9661442	test_reserve_remote_document_collection	Passed
T9661443	test_reserve_remote_collection	Passed
T9661444	test_reserve_xlsx_and_submit	Passed
T9661445	test_invalid_update_requests	Passed
T9661446	test_update_released_doi	Passed
T9661447	test_update_reserved_doi_with_spreadsheet	Passed
T9661448	test_query_by_wildcard	Passed
T9661449	test_update_reserved_doi	Passed

T9661450	test_select_latest_rows_lid_only	Passed
T9661451	test_select_latest_rows	Passed
T9661452	test_prepare_transaction	Passed
T9661453	test_transaction_logging	Passed
T9661454	test_transaction_write_to_disk	Passed
T9661455	test_read_csv	Passed
T9661456	test_parse_dois_from_input_file	Passed
T9661457	test_read_lblx	Passed
T9661458	test_read_xls	Passed
T9661459	test_parse_dois_from_pds4_label	Passed
T9661460	test_read_json	Passed
T9661461	test_read_xml	Passed
T9661462	test_names_parse_correctly	Passed
T9661463	test_create_datacite_label_json	Passed
T9661464	test_endpoint_for_doi	Passed
T9661465	test_query_doi	Passed
T9661466	test_submit_content	Passed
T9661467	test_query_doi_with_pagination	Passed
T9661468	test_update_datacite_label_json	Passed
T9661469	test_get_record_for_doi	Passed
T9661470	test_parse_datacite_multi_id_json	Passed
T9661471	test_get_record_for_identifier	Passed
T9661472	test_parse_related_identifiers_with_none_values	Passed
T9661473	test_parse_datacite_response_json	Passed
T9661474	test_parse_related_identifiers_with_none_values_second_file	Passed
T9661475	test_existing_doi_new_lidvid_exception	Passed
T9661476	test_json_label_validation	Passed

T9661477	test_existing_lidvid_new_doi_exception	Passed
T9661478	test_identifier_validation_invalid_lidvid	Passed
T9661479	test_existing_title_new_lidvid_exception	Passed
T9661480	test_existing_lidvid_no_doi_exception	Passed
T9661481	test_identifier_validation_doi_id_mismatch	Passed
T9661482	test_identifier_validation_missing_pds_identifier	Passed
T9661483	test_identifier_validation_valid_lidvid	Passed
T9661484	test_new_title_existing_doi_and_lidvid_nominal	Passed
T9661485	test_new_title_existing_lidvid_exception	Passed
T9661486	test_site_url_validation	Passed
T9661487	test_title_does_not_match_product_type_exception	Passed
T9661488	test_workflow_sequence_exception	Passed
T9661489	test_title_matches_product_type_nominal	Passed
T9661490	test_create_osti_label_json	Passed
T9661491	test_workflow_sequence_nominal	Passed
T9661492	test_create_osti_label_xml	Passed
T9661493	test_parse_osti_response_json	Passed
T9661494	test_parse_osti_response_xml	Passed
T9661495	test_add_absolute_path	Passed
T9661496	test_doi_config_parser	Passed
T9661497	test_env_vars_override_user_config	Passed
T9661498	test_is_pds4_identifier	Passed
T9661499	testAuthorized_contributor	Passed
T9661500	test_get_global_keywords	Passed
T9661501	test_user_config_overrides_default	Passed
T9661502	testUnauthorized_contributor	Passed
T9661503	test_create_landing_page_url	Passed

T9661504	test_sanitizing_json_strings	Passed
T9661505	test_parse_identifier_from_site_url	Passed
T9661506	test_process_text_initial	Passed
T9661507	test_process_text_with_internal_punctuation	Passed
T9661508	test_process_text_with_special_chars	Passed
T9661509	test_process_text_multiple_calls	Passed
T9661510	test_process_text_with_lemmatization	Passed
T9661511	test_process_text_with_long_input	Passed
T9661512	test_process_text_with_complex_patterns	Passed
T9661513	test_process_text_with_stopwords	Passed
T9661514	test_process_text_pos_dict_words	Passed
T9661515	test_process_text_with_html_tags	Passed
T9661516	test_process_text_with_surrounding_punctuation	Passed

R52242: B16 PDS4 Information Model LDDTool Automated Tests Run

B16

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java.specification.version: 17
sun.jnu.encoding: UTF-8
java.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/test-classes:/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/classes:/Users/csuh/.m2/repository/org/slf4j/slf4j-simple/2.0.13/slf4j-simple-2.0.13.jar:/Users/csuh/.m2/repository/org/slf4j/slf4j-api/2.0.13/slf4j-api-2.0.13.jar:/Users/csuh/.m2/repository/gov/nasa/pds/model/model-dmdocument/16.1.0-SNAPSHOT/model-dmdocument-16.1.0-SNAPSHOT.jar:/Users/csuh/.m2/repository/org/codehaus/plexus/plexus-utils/3.5.0/plexus-utils-3.5.0.jar:/Users/csuh/.m2/repository/javax/json/javax.json-api/1.1.4/javax.json-api-1.1.4.jar:/Users/csuh/.m2/repository/com/googlecode/json-simple/json-simple/1.1.1/json-simple-1.1.1.jar:/Users/csuh/.m2/repository/javax/servlet/javax.servlet-api/4.0.1/javax.servlet-api-4.0.1.jar:/Users/csuh/.m2/repository/commons-io/commons-io/2.16.1/commons-io-2.16.1.jar:/Users/csuh/.m2/repository/net/sourceforge/argparse4j/argparse4j/0.9.0/argparse4j-0.9.0.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter/5.11.3/junit-jupiter-5.11.3.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-api/5.11.3/junit-jupiter-api-5.11.3.jar:/Users/csuh/.m2/repository/org/opentest4j/opentest4j/1.3.0/opentest4j-1.3.0.jar:/Users/csuh/.m2/repository/org/junit/junit/platform/junit-platform-commons/1.11.3/junit-platform-commons-1.11.3.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-params/5.11.3/junit-jupiter-params-5.11.3.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-engine/5.11.3/junit-jupiter-engine-5.11.3.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-java/7.20.1/cucumber-java-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-core/7.20.1/cucumber-core-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-gherkin/7.20.1/cucumber-gherkin-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-messages/7.20.1/cucumber-messages-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/gherkin/28.0.0/gherkin-28.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/messages/24.1.0/messages-24.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/testng-xml-formatter/0.2.0/testng-xml-formatter-0.2.0.jar:/Users/csuh/.m2/repository/io/cucumber/query/12.2.0/query-12.2.0.jar:/Users/csuh/.m2/repository/io/cucumber/tag-expressions/6.1.0/tag-expressions-6.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-expressions/17.1.0/cucumber-expressions-17.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/databatable/7.20.1/databatable-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-plugin/7.20.1/cucumber-plugin-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/docstring/7.20.1/docstring-7.20.1.jar:/Users/csuh/.m2/repository/io/cucumber/html-formatter/21.7.0/html-formatter-21.7.0.jar:/Users/csuh/.m2/repository/io/cucumber/junit-xml-formatter/0.5.0/junit-xml-formatter-0.5.0.jar:/Users/csuh/.m2/repository/io/cucumber/ci-environment/10.0.1/ci-environment-10.0.1.jar:/Users/csuh/.m2/repository/org/apiguardian/apiguardian-api/1.1.2/apiguardian-api-1.1.2.jar:/Users/csuh/.m2/repository/org/junit/vintage/junit-vintage-engine/5.11.3/junit-vintage-engine-5.11.3.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-engine/1.11.3/junit-platform-engine-1.11.3.jar:/Users/csuh/.m2/repository/junit/junit/4.13.2/junit-4.13.2.jar:/Users/csuh/.m2/repository/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-junit/7.18.0/cucumber-junit-7.18.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/validate/4.0.1/validate-4.0.1.jar:/Users/csuh/.m2/repository/org/verapdf/validation-model-jakarta/1.28.2/validation-model-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/parser/1.28.2/parser-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/pdf-model/1.28.2/pdf-model-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/core-jakarta/1.28.2/core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.28.2/verapdf-xmp-core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/mozilla/rhino/1.7.13/rhino-1.7.13.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-runtime/4.0.2/jaxb-runtime-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-core/4.0.2/jaxb-core-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/twx2/4.0.2/twx2-4.0.2.jar:/Users/csuh/.m2/repository/com/sun/istack/istack-commons-runtime/4.1.1/istack-commons-runtime-4.1.1.jar:/Users/csuh/.m2/repository/net/java/dev/stax-utils/stax-utils/20070216/stax-utils-20070216.jar:/Users/csuh/.m2/repository/org/verapdf/feature-reporting-jakarta/1.28.2/feature-reporting-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.28.2/metadata-fixer-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/net/sf/saxon/Saxon-HE/12.9/Saxon-HE-12.9.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3-data.jar:/Users/csuh/.m2/repository/commons-cli/commons-cli/1.9.0/commons-cli-1.9.0.jar:/Users/csuh/.m2/repository/commons-configuration/commons-configuration/1.10/commons-configuration-1.10.jar:/Users/csuh/.m2/repository/commons-lang/commons-lang/2.6/commons-lang-2.6.jar:/Users/csuh/.m2/repository/commons-collections/commons-collections/3.2.2/commons-collections-3.2.2.jar:/Users/csuh/.m2/repository/commons-logging/commons-logging/1.3.4/commons-logging-1.3.4.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-lang3/3.19.0/commons-lang3-3.19.0.jar:/Users/csuh/.m2/repository/commons-digester/commons-digester/2.1/commons-digester-2.1.jar:/Users/csuh/.m2/repository/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar:/Users/csuh/.m2/repository/com/google/code/gson/gson/2.13.2/gson-2.13.2.jar:/Users/csuh/.m2/repository/com/google/errorprone/error_prone_annotations/2.41.0/error_prone_annotations-2.41.0.jar:/Users/csuh/.m2/repository/org/jsoup/jsoup/1.21.2/jsoup-1.21.2.jar:/Users/csuh/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/csuh/.m2/repository/com/jamesmurty/utils/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/csuh/.m2/repository/net/iharder/base64/2.3.8/base64-2.3.8.jar:/Users/csuh/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-compress/1.28.0/commons-compress-1.28.0.jar:/Users/csuh/.m2/repository/commons-codec/commons-codec/1.19.0/commons-codec-1.19.0.jar:/Users/csuh/.m2/repository/com/google/guava/guava/33.5.0-jre/guava-33.5.0-jre.jar:/Users/csuh/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/csuh/.m2/repository/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/Users/csuh/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/csuh/.m2/repository/com/google/j2objc/j2objc-annotations/3.1/j2objc-annotations-3.1.jar:/Users/csuh/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuh/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-core/2.25.2/log4j-core-2.25.2.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-api/2.25.2/log4j-api-2.25.2.jar
```

2.25.2.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds4-jparser/3.0.1/pds4-jparser-3.0.1.jar:/Users/csuh/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuh/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuh/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuh/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuh/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/csuh/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuh/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/csuh/.m2/repository/org/checkerframework/checker-qual/3.41.0/checker-qual-3.41.0.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.5/jaxb-core-4.0.5.jar:/Users/csuh/.m2/repository/org/eclipse/angus/angus-activation/2.0.2/angus-activation-2.0.2.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-xjc/4.0.5/jaxb-xjc-4.0.5.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-csv/1.14.1/commons-csv-1.14.1.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-text/1.10.0/commons-text-1.10.0.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/csuh/.m2/repository/gov/nasa/gsfc/heasarc/nom-tam-fits/1.21.2/nom-tam-fits-1.21.2.jar:/Users/csuh/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.9.4/spotbugs-annotations-4.9.4.jar:/Users/csuh/.m2/repository/jakarta/annotation/jakarta.annotation-api/3.0.0/jakarta.annotation-api-3.0.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/csuh/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/csuh/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/csuh/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/csuh/.m2/repository/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/csuh/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.20.0/jackson-databind-2.20.0.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.20/jackson-annotations-2.20.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.20.0/jackson-core-2.20.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/registry-common/2.0.5/registry-common-2.0.5.jar:/Users/csuh/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpsyncclient/4.1.5/httpsyncclient-4.1.5.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/csuh/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/csuh/.m2/repository/org/apache/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/csuh/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.4/jakarta.xml.bind-api-4.0.4.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.5/jaxb-impl-4.0.5.jar:/Users/csuh/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.4/jakarta.activation-api-2.1.4.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.5.1/httpclient5-5.5.1.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.6/httpcore5-5.3.6.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5-h2/5.3.6/httpcore5-h2-5.3.6.jar:/Users/csuh/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/csuh/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/csuh/.m2/repository/org/opensearch/client/opensearch-java/3.2.0/opensearch-java-3.2.0.jar:/Users/csuh/.m2/repository/org/eclipse/parsson/parsson/1.1.7/parsson-1.1.7.jar:/Users/csuh/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/csuh/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/csuh/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jakarta.json/2.0.0/jakarta.json-2.0.0-module.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/opensearch/2.36.2/opensearch-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/protocol-core/2.36.2/protocol-core-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/aws-json-protocol/2.36.2/aws-json-protocol-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/third-party-jackson-core/2.36.2/third-party-jackson-core-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth-aws/2.36.2/http-auth-aws-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/checksums-spi/2.36.2/checksums-spi-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/checksums/2.36.2/checksums-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/sdk-core/2.36.2/sdk-core-2.36.2.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/profiles/2.36.2/profiles-2.36.2.jar:/Users/csuh/.m2/repository/software/amazo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java.vm.vendor: Homebrew

sun.arch.data.model: 64
java.vendor.url: <https://github.com/Homebrew/homebrew-core/issues>
user.timezone: America/Los_Angeles
os.name: Mac OS X
java.vm.specification.version: 17
user.country: US
sun.java.launcher: SUN_STANDARD
sun.boot.library.path: /opt/homebrew/Cellar/openjdk@17/17.0.14/libexec/openjdk.jdk/Contents/Home/lib
sun.java.command: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/surefire/surefirebooter-20251130225636437_3.jar
/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/surefire 2025-11-30T22-56-36_400-jvmRun1 surefire-20251130225636437_1tmp surefire_0-
20251130225636437_2tmp
jdk.debug: release
surefire.test.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/test-
classes:/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/classes:/Users/csuh/.m2/repository/org/slf4j/slf4j-simple/2.0.13/slf4j-simple-
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2.0.17.jar:/Users/csuh/.m2/repository/com/jamesmurty/utils/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/csuh/.m2/repository/net/iharder/base64/2.3.8/base64-
2.3.8.jar:/Users/csuh/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-compress/1.28.0/commons-compress-

1.28.0.jar:/Users/csuh/.m2/repository/commons-codec/commons-codec/1.19.0/commons-codec-1.19.0.jar:/Users/csuh/.m2/repository/com/google/guava/guava/33.5.0-jre/guava-33.5.0-jre.jar:/Users/csuh/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/csuh/.m2/repository/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/Users/csuh/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/csuh/.m2/repository/com/google/j2objc/j2objc-annotations/3.1/j2objc-annotations-3.1.jar:/Users/csuh/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuh/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-core/2.25.2/log4j-core-2.25.2.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-api/2.25.2/log4j-api-2.25.2.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds4-jparser/3.0.1/pds4-jparser-3.0.1.jar:/Users/csuh/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuh/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuh/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuh/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuh/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/csuh/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuh/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/csuh/.m2/repository/org/checkerframework/checker-qual/3.41.0/checker-qual-3.41.0.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.5/jaxb-core-4.0.5.jar:/Users/csuh/.m2/repository/org/eclipse/angus/angus-activation/2.0.2/angus-activation-2.0.2.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-xjc/4.0.5/jaxb-xjc-4.0.5.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-csv/1.14.1/commons-csv-1.14.1.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-text/1.10.0/commons-text-1.10.0.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/csuh/.m2/repository/gov/nasa/gsfc/heasarc/nom-tam-fits/1.21.2/nom-tam-fits-1.21.2.jar:/Users/csuh/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.9.4/spotbugs-annotations-4.9.4.jar:/Users/csuh/.m2/repository/jakarta/annotation/jakarta.annotation-api/3.0.0/jakarta.annotation-api-3.0.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/csuh/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/csuh/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/csuh/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/csuh/.m2/repository/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/csuh/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.20.0/jackson-databind-2.20.0.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.20/jackson-annotations-2.20.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.20.0/jackson-core-2.20.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/registry-common/2.0.5/registry-common-2.0.5.jar:/Users/csuh/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpasyncclient/4.1.5/httpasyncclient-4.1.5.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/csuh/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/csuh/.m2/repository/org/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/csuh/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.4/jakarta.xml.bind-api-4.0.4.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.5/jaxb-impl-4.0.5.jar:/Users/csuh/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.4/jakarta.activation-api-2.1.4.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.5.1/httpclient5-5.5.1.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.6/httpcore5-5.3.6.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5-5.3.6/httpcore5-h2/5.3.6/httpcore5-h2-5.3.6.jar:/Users/csuh/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/csuh/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/csuh/.m2/repository/org/opensearch/client/opensearch-java/3.2.0/opensearch-java-3.2.0.jar:/Users/csuh/.m2/repository/org/eclipse/parsson/parsson/1.1.7/parsson-1.1.7.jar:/Users/csuh/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/csuh/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/csuh/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/csuh/.m2/repository/org/gla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11/30/25, 11:43 PM

B16 PDS4 Information Model LDDTool Automated Tests Run - TestRail

common/4.1.126.Final/netty-transport-native-unix-common-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport-classes-epoll/4.1.126.Final/netty-transport-classes-epoll-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-resolver/4.1.126.Final/netty-resolver-4.1.126.Final.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/apache-client/2.37.3/apache-client-2.37.3.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar:
sun.cpu.endian: little
user.home: /Users/csuh
user.language: en
java.specification.vendor: Oracle Corporation
java.version.date: 2025-01-21
java.home: /opt/homebrew/Cellar/openjdk@17/17.0.14/libexec/openjdk.jdk/Contents/Home
file.separator: /
basedir: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool
java.vm.compressedOopsMode: Zero based
line.separator:

java.vm.specification.vendor: Oracle Corporation
java.specification.name: Java Platform API Specification
data.home: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/..model-ontology/src/ontology/Data
surefire.real.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/surefire/surefirebooter-20251130225636437_3.jar
sun.management.compiler: HotSpot 64-Bit Tiered Compilers
java.runtime.version: 17.0.14+0
user.name: csuh
path.separator: :
os.version: 15.5
java.runtime.name: OpenJDK Runtime Environment
file.encoding: UTF-8
java.vm.name: OpenJDK 64-Bit Server VM
java.vendor.version: Homebrew
resources.home: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/src/test/resources/data/conf
localRepository: /Users/csuh/.m2/repository
java.vendor.url.bug: <https://github.com/Homebrew/homebrew-core/issues>
java.io.tmpdir: /var/folders/lz/7mljvnvn7r93pn5tfh9stf8m0000gp/T/
java.version: 17.0.14
user.dir: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool
os.arch: aarch64
java.vm.specification.name: Java Virtual Machine Specification
org.slf4j.simpleLogger.defaultLogLevel: DEBUG
native.encoding: UTF-8
java.library.path: /Users/csuh/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:
java.vm.info: mixed mode, sharing
java.vendor: Homebrew
java.vm.version: 17.0.14+0
java.specification.maintenance.version: 1
sun.io.unicode.encoding: UnicodeBig
javax.xml.transform.TransformerFactory: net.sf.saxon.TransformerFactoryImpl
java.class.version: 61.0

Created On

11/30/2025

Completed					No
Passed	Blocked	Untested	Retest	Failed	
100% (45/45)	0% (0/45)	0% (0/45)	0% (0/45)	0% (0/45)	
Partial Pass	Conditional Pass	Deprecated			
0% (0/45)	0% (0/45)	0% (0/45)			

Test Cases

cucumber.CucumberTest 45

ID	Title	Assigned To	Status
T9672284	NASA-PDS pds4-information-model#752		Passed
T9672285	Verifying Iddtool output against specified assertions #4		Passed
T9672286	Comparing Iddtool output files to expected files #2		Passed
T9672287	Verifying Iddtool output against specified assertions #3		Passed
T9672288	Comparing Iddtool output files to expected files #4		Passed
T9672289	Verifying Iddtool output against specified assertions #5		Passed
T9672290	Verifying Iddtool output against specified assertions #2		Passed
T9672291	Comparing Iddtool output files to expected files #1		Passed
T9672292	Verifying Iddtool output against specified assertions #1		Passed
T9672293	NASA-PDS pds4-information-model#784a		Passed
T9672294	NASA-PDS pds4-information-model#797		Passed
T9672295	NASA-PDS pds4-information-model#753		Passed
T9672296	Comparing Iddtool output files to expected files #3		Passed
T9672297	NASA-PDS pds4-information-model#829		Passed
T9672298	NASA-PDS pds4-information-model#794		Passed
T9672299	NASA-PDS pds4-information-model#784b		Passed
T9672300	NASA-PDS pds4-information-model#823		Passed
T9672301	NASA-PDS pds4-information-model#795a		Passed
T9672302	NASA-PDS pds4-information-model#795b		Passed
T9672303	NASA-PDS pds4-information-model#894		Passed
T9672304	NASA-PDS pds4-information-model#830		Passed
T9672305	NASA-PDS pds4-information-model#852c		Passed
T9672306	NASA-PDS pds4-information-model#898		Passed
T9672307	NASA-PDS pds4-information-model#891		Passed
T9672308	NASA-PDS pds4-information-model#852a		Passed

T9672309	NASA-PDS pds4-information-model#852b	Passed
T9672310	NASA-PDS pds4-information-model#837	Passed
T9672311	NASA-PDS pds4-information-model#831	Passed
T9672312	NASA-PDS pds4-information-model#905	Passed
T9672313	NASA-PDS pds4-information-model#914	Passed
T9672314	NASA-PDS pds4-information-model#913b	Passed
T9672315	NASA-PDS pds4-information-model#911	Passed
T9672316	NASA-PDS pds4-information-model#913a	Passed
T9672317	NASA-PDS pds4-information-model#907	Passed
T9672318	Comparing lddtool output files to expected files #10	Passed
T9672319	NASA-PDS pds4-information-model#944	Passed
T9672320	Comparing lddtool output files to expected files #6	Passed
T9672321	Comparing lddtool output files to expected files #7	Passed
T9672322	NASA-PDS pds4-information-model #967a	Passed
T9672323	NASA-PDS pds4-information-model#950	Passed
T9672324	Comparing lddtool output files to expected files #8	Passed
T9672325	NASA-PDS pds4-information-model#942	Passed
T9672326	Comparing lddtool output files to expected files #5	Passed
T9672327	Comparing lddtool output files to expected files #9	Passed
T9672328	NASA-PDS pds4-information-model #967b	Passed

R52243: B16 Peppi Automated Tests Run

Created On	11/30/2025			
Completed	No			
Passed	Blocked	Untested	Retest	Failed
98% (91/93)	0% (0/93)	0% (0/93)	2% (2/93)	0% (0/93)
Partial Pass	Conditional Pass	Deprecated		
0% (0/93)	0% (0/93)	0% (0/93)		

Test Cases

pytest 93

ID	Title	Assigned To	Status
T9672347	test_all		Passed
T9672348	test_before		Passed
T9672349	test_bundles		Passed
T9672350	test_collections		Passed
T9672351	test_after		Passed
T9672352	test_as_dataframe		Passed
T9672353	test_before_and_has_target		Passed
T9672354	test_within_range		Passed
T9672355	test_has_investigation		Passed
T9672356	test_within_bbox		Passed
T9672357	test_fields		Passed
T9672358	test_has_instrument_host		Passed
T9672359	test_empty_dataframe		Passed
T9672360	test_has_investigation		Passed
T9672361	test_has_processing_level		Passed
T9672362	test_collections_with_type		Passed
T9672363	test_get		Passed
T9672364	test_has_target		Passed
T9672365	test_filter		Passed
T9672366	test_has_instrument		Passed
T9672367	test_product_has_target_not_found_raise_warning		Passed
T9672368	test_products_with_target		Passed
T9672369	test_observational		Passed
T9672370	test_products_of_collection		Passed
T9672371	test_query_modification_during_pagination		Passed

T9672372	test_has_target_mercury_observational	Passed
T9672373	test_search	Passed
T9672374	test_similarity_curiosity	Passed
T9672375	test_targets	Passed
T9672376	test_instrument_hosts_alias	Retest
T9672377	test_search_typo	Passed
T9672378	test_search_alias	Retest
T9672379	test_instrument_hosts	Passed
T9672380	test_similarity_jupyter	Passed
T9672381	test_orex_products	Passed
T9672382	test_search	Passed
T9672383	test_export_to_csv	Passed
T9672384	test_find_bennu_data	Passed
T9672385	test_find_messenger_data	Passed
T9672386	test_processing_levels	Passed
T9672387	test_export_to_dataframe	Passed
T9672388	test_find_mars_data	Passed
T9672389	test_find_curiosity_data	Passed
T9672390	test_find_mercury_data_2020	Passed
T9672391	test_get_calibrated_mars_data	Passed
T9672392	test_find_jupiter_data	Passed
T9672393	test_browse_targets	Passed
T9672394	test_messenger_mercury_data_before_2012	Passed
T9672395	test_find_dois	Passed
T9672396	test_search_satellites	Passed
T9672397	test_collections_then_products	Passed
T9672398	test_filter_by_custom_keyword	Passed

T9672399	test_compare_processing_levels	Passed
T9672400	test_filter_by_title_keyword	Passed
T9672401	test_search_asteroids	Passed
T9672402	test_search_planets	Passed
T9672403	test_extract_specific_fields	Passed
T9672404	test_minimal_field_set	Passed
T9672405	test_create_client	Passed
T9672406	test_complete_first_example	Passed
T9672407	test_basic_import	Passed
T9672408	test_performance	Passed
T9672409	test_product_attributes	Passed
T9672410	test_find_products_about_mars	Passed
T9672411	test_look_at_results	Passed
T9672412	test_context_fuzzy_matching	Passed
T9672413	test_as_dataframe_with_missing_columns	Passed
T9672414	test_context_search_instrument_hosts	Passed
T9672415	test_context_search_targets	Passed
T9672416	test_pds_registry_client	Passed
T9672417	test_pds_registry_client_custom_url	Passed
T9672418	test_lazy_evaluation	Passed
T9672419	test_products_fluent_interface	Passed
T9672420	test_query_builder_pattern	Passed
T9672421	test_query_builder_chained	Passed
T9672422	test_filter_by_instrument_host	Passed
T9672423	test_custom_filter	Passed
T9672424	test_filter_by_processing_level	Passed
T9672425	test_filter_by_product_type_bundles	Passed

T9672426	test_filter_by_product_type_collections	Passed
T9672427	test_filter_by_product_type_observational	Passed
T9672428	test_filter_by_time_range	Passed
T9672429	test_filter_by_target_name	Passed
T9672430	test_filter_by_time_after	Passed
T9672431	test_accessing_metadata	Passed
T9672432	test_filter_by_target_lid	Passed
T9672433	test_filter_by_time_before	Passed
T9672434	test_converting_to_dataframe	Passed
T9672435	test_iterating_over_products	Passed
T9672436	test_limiting_results	Passed
T9672437	test_reducing_returned_fields	Passed
T9672438	test_complex_combined_query	Passed
T9672439	test_resetting_query	Passed

R52276: B16 Registry Automated Test Runs

B16

Created On	12/4/2025
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Completed	No
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Passed	Blocked	Untested	Retest	Failed
92% (44/48)	0% (0/48)	8% (4/48)	0% (0/48)	0% (0/48)
Partial Pass	Conditional Pass	Deprecated		
0% (0/48)	0% (0/48)	0% (0/48)		

Test Cases

Test Cases 22

ID	Title	Assigned To	Status
T9675198	As a user, I want to all metadata attributes to be searchable		Passed
T9675199	Get all searchable properties from the registry api		Passed
T9675200	List product classes usable in the /classes/{class} end-point		Passed
T9675201	Select fields in response for lid/lidvid resolution		Passed
T9675202	Filter product on time using ISO8601 string		Passed
T9675203	As an API user, I want to be able to use the API for free text search		Passed
T9675204	Resolve a lid with the latest lidvid (without /latest suffix)		Passed
T9675205	Resolve lid with all related lidvid (/all suffix)		Passed
T9675206	Search by processing level		Passed
T9675207	Search product by target		Passed
T9675208	Search by reference		Passed
T9675209	Search for member-of a products, with kvp response		Passed
T9675210	Search for a product knowing its DOI		Passed
T9675211	get application/json response format by default if I request an API url in my browser		Untested
T9675212	NASA-PDS/registry-sweepers#58 legacy registry synchronization		Passed
T9675213	Csv response, single product, use as inner list separator		Passed
T9675214	As a user, I want to get a product description given a lidvid		Passed
T9675215	As a user, I want to get the latest version of a product given a lid		Passed
T9675216	As a user, I want to get all product versions associated to one lid		Passed
T9675222	As a user, I want to receive metadata only in the API responses (no binary blobs)		Passed
T9675229	Welcome page		Passed
T9675245	Get Json format from in browser request		Passed

Membership 8<https://github.com/NASA-PDS/registry-api>

ID	Title	Assigned To	Status
T9675217	registry-api#223 products/{id}/members		Passed
T9675218	registry-api#453 products/{id}/members/members		Passed
T9675219	registry-api#451/452 products/{id}/member-of		Passed
T9675220	registry-api#454 products/{id}/member-of/member-of		Passed
T9675221	registry-api#484 products/{id}/members default to latest-only		Passed
T9675223	registry-api#485 products/{id}/members/members default to latest-only		Passed
T9675224	registry-api#486 products/{id}/member-of default to latest-only		Passed
T9675225	registry-api#487 products/{id}/member-of/member-of default to latest-only		Passed

Classes 3

API endpoints dealing with the /classes route prefix

ID	Title	Assigned To	Status
T9675227	registry-api#461 classes basic behaviour		Untested
T9675228	registry-api#511 classes/{class} basic behaviour		Untested
T9675226	registry-api#488 classes/{class} default to latest-only		Untested

Querystrings 15

Behaviour related to parsing and application of querystring (q=) subsetting

ID	Title	Assigned To	Status
T9675230	registry-api#495 querystring supports AND		Passed
T9675231	registry-api#495 querystring supports OR		Passed
T9675232	registry-api#495 querystring supports NOT		Passed
T9675233	registry-api#495 querystring supports lowercase		Passed
T9675234	registry-api#494 querystring supports EQ		Passed
T9675235	registry-api#494 querystring supports NE		Passed
T9675236	registry-api#494 querystring supports GT		Passed
T9675237	registry-api#494 querystring supports LT		Passed
T9675238	registry-api#494 querystring supports GE		Passed
T9675239	registry-api#494 querystring supports LE		Passed
T9675240	registry-api#493 query string on /classes/{class} end points		Passed
T9675241	registry-api#492 query string on /products/{id}/member-of/member-of		Passed
T9675242	registry-api#491 queryString on /products/{identifier}/member-of		Passed
T9675243	registry-api#491 queryString on /products/{id}/members/members		Passed
T9675244	registry-api#298 queryString on /products/{id}/members		Passed

R52241: B16 Validate Automated Tests Run

```
java.specification.version: 17
sun.jnu.encoding: UTF-8
java.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/target/test-classes:/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/classes:/Users/csuh/.m2/repository/org/verapdf/validation-model-jakarta/1.28.2/validation-model-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/parser/1.28.2/parser-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/pdf-model/1.28.2/pdf-model-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/core-jakarta/1.28.2/core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.28.2/verapdf-xmp-core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/mozilla/rhino/1.7.13/rhino-1.7.13.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-runtime/4.0.2/jaxb-runtime-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-core/4.0.2/jaxb-core-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/twx2/4.0.2/twx2-4.0.2.jar:/Users/csuh/.m2/repository/com/sun/istack/istack-commons-runtime/4.1.1/istack-commons-runtime-4.1.1.jar:/Users/csuh/.m2/repository/net/java/dev/stax-utils/stax-utils/20070216/stax-utils-20070216.jar:/Users/csuh/.m2/repository/org/verapdf/feature-reporting-jakarta/1.28.2/feature-reporting-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.28.2/metadata-fixer-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/net/sf/saxon/Saxon-HE/12.9/Saxon-HE-12.9.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3-data.jar:/Users/csuh/.m2/repository/commons-cli/commons-cli/1.9.0/commons-cli-1.9.0.jar:/Users/csuh/.m2/repository/commons-configuration/commons-configuration/1.10/commons-configuration-1.10.jar:/Users/csuh/.m2/repository/commons-lang/commons-lang/2.6/commons-lang-2.6.jar:/Users/csuh/.m2/repository/commons-collections/commons-collections/3.2.2/commons-collections-3.2.2.jar:/Users/csuh/.m2/repository/commons-logging/commons-logging/1.3.4/commons-logging-1.3.4.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-lang3/3.19.0/commons-lang3-3.19.0.jar:/Users/csuh/.m2/repository/commons-digester/commons-digester/2.1/commons-digester-2.1.jar:/Users/csuh/.m2/repository/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar:/Users/csuh/.m2/repository/com/google/code/gson/2.13.2/gson-2.13.2.jar:/Users/csuh/.m2/repository/com/google/errorprone/error_prone_annotations/2.41.0/error_prone_annotations-2.41.0.jar:/Users/csuh/.m2/repository/org/jsoup/jsoup/1.21.2/jsoup-1.21.2.jar:/Users/csuh/.m2/repository/commons-io/2.21.0/commons-io-2.21.0.jar:/Users/csuh/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/csuh/.m2/repository/org/slf4j/slf4j-api/2.0.17/slf4j-api-2.0.17.jar:/Users/csuh/.m2/repository/com/jamesmurty/utils/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/csuh/.m2/repository/net/iharder/base64/2.3.8/base64-2.3.8.jar:/Users/csuh/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-compress/1.28.0/commons-compress-1.28.0.jar:/Users/csuh/.m2/repository/commons-codec/commons-codec/1.19.0/commons-codec-1.19.0.jar:/Users/csuh/.m2/repository/com/google/guava/guava/33.5.0-jre/guava-33.5.0-jre.jar:/Users/csuh/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/csuh/.m2/repository/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/Users/csuh/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/csuh/.m2/repository/com/google/j2objc/j2objc-annotations/3.1/j2objc-annotations-3.1.jar:/Users/csuh/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuh/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-core/2.25.2/log4j-core-2.25.2.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-api/2.25.2/log4j-api-2.25.2.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter/6.0.1/junit-jupiter-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-api/6.0.1/junit-jupiter-api-6.0.1.jar:/Users/csuh/.m2/repository/org/opentest4j/opentest4j/1.3.0/opentest4j-1.3.0.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-params/6.0.1/junit-jupiter-params-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-engine/6.0.1/junit-jupiter-engine-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-engine/6.0.1/junit-platform-engine-6.0.1.jar:/Users/csuh/.m2/repository/org/apiguardian/apiguardian-api/1.1.2/apiguardian-api-1.1.2.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-suite-api/6.0.1/junit-platform-suite-api-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-commons/6.0.1/junit-platform-commons-6.0.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-java/7.31.0/cucumber-java-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-core/7.31.0/cucumber-core-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-gherkin/7.31.0/cucumber-gherkin-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-gherkin-messages/7.31.0/cucumber-gherkin-messages-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/gherkin/36.0.0/gherkin-36.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/messages/30.1.0/messages-30.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/pretty-formatter/2.4.0/pretty-formatter-2.4.0.jar:/Users/csuh/.m2/repository/io/cucumber/query/14.6.0/query-14.6.0.jar:/Users/csuh/.m2/repository/io/cucumber/teamcity-formatter/0.2.0/teamcity-formatter-0.2.0.jar:/Users/csuh/.m2/repository/io/cucumber/testng-xml-formatter/0.7.0/testng-xml-formatter-0.7.0.jar:/Users/csuh/.m2/repository/io/cucumber/usage-formatter/0.1.0/usage-formatter-0.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/tag-expressions/8.0.0/tag-expressions-8.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-expressions/18.0.1/cucumber-expressions-18.0.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-json-formatter/0.3.0/cucumber-json-formatter-0.3.0.jar:/Users/csuh/.m2/repository/io/cucumber/datatable/7.31.0/datatable-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-plugin/7.31.0/cucumber-plugin-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/docstring/7.31.0/docstring-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/html-formatter/22.0.0/html-formatter-22.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/junit-xml-formatter/0.10.0/junit-xml-formatter-0.10.0.jar:/Users/csuh/.m2/repository/io/cucumber/ci-environment/12.0.0/ci-environment-12.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-junit-platform-engine/7.31.0/cucumber-junit-platform-engine-7.31.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds4-jparser/3.0.1/pds4-jparser-3.0.1.jar:/Users/csuh/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuh/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuh/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuh/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuh/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar
```

1.1.3.jar:/Users/csuh/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuh/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-
3.0.2.jar:/Users/csuh/.m2/repository/org/checkerframework/checker-qual/3.41.0/checker-qual-3.41.0.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.5/jaxb-core-
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annotations/2.20/jackson-annotations-2.20.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.20.1/jackson-core-2.20.1.jar:/Users/csuh/.m2/repository/gov/nasa/pds/registry-
common/2.0.5/registry-common-2.0.5.jar:/Users/csuh/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-
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eventstream-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/eventstream/eventstream/1.0.1/eventstream-1.0.1.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth-
spi/2.38.7/http-auth-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth/2.38.7/http-auth-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/identity-
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2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/utils/2.38.7/utils-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/aws-core/2.38.7/aws-core-
2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/utils-lite/2.38.7/utils-lite-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/metrics-spi/2.38.7/metrics-spi-
2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/json-utils/2.38.7/json-utils-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/endpoints-spi/2.38.7/endpoints-spi-
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4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-common/4.1.126.Final/netty-common-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-buffer/4.1.126.Final/netty-buffer-
4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-handler/4.1.126.Final/netty-handler-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport-native-unix-
common/4.1.126.Final/netty-transport-native-unix-common-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport-epoll/4.1.126.Final/netty-transport-classes-epoll-
4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-resolver/4.1.126.Final/netty-resolver-4.1.126.Final.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/apache-client/2.38.7/apache-
client-2.38.7.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore/4.4.16/httpcore-
4.4.16.jar:
java.vm.vendor: Homebrew
sun.arch.data.model: 64
sun.font.fontmanager: sun.font.CFontManager
java.vendor.url: <https://github.com/Homebrew/homebrew-core/issues>

user.timezone: America/Los_Angeles
os.name: Mac OS X
java.vm.specification.version: 17
sun.java.launcher: SUN_STANDARD
user.country: US
sun.boot.library.path: /opt/homebrew/Cellar/openjdk@17/17.0.14/libexec/openjdk.jdk/Contents/Home/lib
sun.java.command: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/target/surefire/surefirebooter-20251130225437265_3.jar
/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/target/surefire 2025-11-30T22-54-37_050-jvmRun1 surefire-20251130225437265_1tmp surefire_0-20251130225437265_2tmp
jdk.debug: release
surefire.test.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/target/test-classes:/Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/classes:/Users/csuh/.m2/repository/org/verapdf/validation-model-jakarta/1.28.2/validation-model-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/parser/1.28.2/parser-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/pdf-model/1.28.2/pdf-model-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/core-jakarta/1.28.2/core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.28.2/verapdf-xmp-core-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/mozilla/rhino/1.7.13/rhino-1.7.13.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-runtime/4.0.2/jaxb-runtime-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/jaxb-core/4.0.2/jaxb-core-4.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jaxb/twx/2/4.0.2/twx2-4.0.2.jar:/Users/csuh/.m2/repository/com/sun/istack/istack-commons-runtime/4.1.1/istack-commons-runtime-4.1.1.jar:/Users/csuh/.m2/repository/net/java/dev/stax-utils/stax-utils/20070216/stax-utils-20070216.jar:/Users/csuh/.m2/repository/org/verapdf/feature-reporting-jakarta/1.28.2/feature-reporting-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.28.2/metadata-fixer-jakarta-1.28.2.jar:/Users/csuh/.m2/repository/net/sf/saxon/Saxon-HE/12.9/Saxon-HE-12.9.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3.jar:/Users/csuh/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3-data.jar:/Users/csuh/.m2/repository/commons-cli/commons-cli/1.9.0/commons-cli-1.9.0.jar:/Users/csuh/.m2/repository/commons-configuration/commons-configuration/1.10/commons-configuration-1.10.jar:/Users/csuh/.m2/repository/commons-lang/commons-lang/2.6/commons-lang-2.6.jar:/Users/csuh/.m2/repository/commons-collections/commons-collections/3.2.2/commons-collections-3.2.2.jar:/Users/csuh/.m2/repository/commons-logging/commons-logging/1.3.4/commons-logging-1.3.4.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-lang3/3.19.0/commons-lang3-3.19.0.jar:/Users/csuh/.m2/repository/commons-digester/commons-digester/2.1/commons-digester-2.1.jar:/Users/csuh/.m2/repository/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar:/Users/csuh/.m2/repository/com/google/code/gson/gson/2.13.2/gson-2.13.2.jar:/Users/csuh/.m2/repository/com/google/errorprone/error_prone_annotations/2.41.0/error_prone_annotations-2.41.0.jar:/Users/csuh/.m2/repository/org/jsoup/jsoup/1.21.2/jsoup-1.21.2.jar:/Users/csuh/.m2/repository/commons-io/commons-io/2.21.0/commons-io-2.21.0.jar:/Users/csuh/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/csuh/.m2/repository/com/jamesmurty/utils/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/csuh/.m2/repository/net/iharder/base64/2.3.8/base64-2.3.8.jar:/Users/csuh/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-compress/1.28.0/commons-compress-1.28.0.jar:/Users/csuh/.m2/repository/commons-codec/commons-codec/1.19.0/commons-codec-1.19.0.jar:/Users/csuh/.m2/repository/com/google/guava/guava/33.5.0-jre/guava-33.5.0-jre.jar:/Users/csuh/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/csuh/.m2/repository/com/google/guava/listenablefuture/9999.0-empty-to-avoid-conflict-with-guava/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/Users/csuh/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/csuh/.m2/repository/com/google/j2objc/j2objc-annotations/3.1/j2objc-annotations-3.1.jar:/Users/csuh/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuh/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-core/2.25.2/log4j-core-2.25.2.jar:/Users/csuh/.m2/repository/org/apache/logging/log4j/log4j-api/2.25.2/log4j-api-2.25.2.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter/6.0.1/junit-jupiter-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-api/6.0.1/junit-jupiter-api-6.0.1.jar:/Users/csuh/.m2/repository/org/opentest4j/opentest4j/1.3.0/opentest4j-1.3.0.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-params/6.0.1/junit-jupiter-params-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/jupiter/junit-jupiter-engine/6.0.1/junit-jupiter-engine-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-engine/6.0.1/junit-platform-engine-6.0.1.jar:/Users/csuh/.m2/repository/org/apiguardian/apiguardian-api/1.1.2/apiguardian-api-1.1.2.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-suite-api/6.0.1/junit-platform-suite-api-6.0.1.jar:/Users/csuh/.m2/repository/org/junit/platform/junit-platform-commons/6.0.1/junit-platform-commons-6.0.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-java/7.31.0/cucumber-java-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-core/7.31.0/cucumber-core-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-gherkin/7.31.0/cucumber-gherkin-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-gherkin-messages/7.31.0/cucumber-gherkin-messages-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/gherkin/36.0.0/gherkin-36.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/messages/30.1.0/messages-30.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/pretty-formatter/2.4.0/pretty-formatter-2.4.0.jar:/Users/csuh/.m2/repository/io/cucumber/query/14.6.0/query-14.6.0.jar:/Users/csuh/.m2/repository/io/cucumber/teamcity-formatter/0.2.0/teamcity-formatter-0.2.0.jar:/Users/csuh/.m2/repository/io/cucumber/testng-xml-formatter/0.7.0/testng-xml-formatter-0.7.0.jar:/Users/csuh/.m2/repository/io/cucumber/usage-formatter/0.1.0/usage-formatter-0.1.0.jar:/Users/csuh/.m2/repository/io/cucumber/tag-expressions/8.0.0/tag-expressions-8.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-expressions/18.0.1/cucumber-expressions-18.0.1.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-json-formatter/0.3.0/cucumber-json-formatter-0.3.0.jar:/Users/csuh/.m2/repository/io/cucumber/datatable/7.31.0/datatable-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-plugin/7.31.0/cucumber-plugin-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/docstring/7.31.0/docstring-7.31.0.jar:/Users/csuh/.m2/repository/io/cucumber/html-formatter/22.0.0/html-formatter-22.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/junit-xml-formatter/0.10.0/junit-xml-formatter-0.10.0.jar:/Users/csuh/.m2/repository/io/cucumber/ci-environment/12.0.0/ci-environment-12.0.0.jar:/Users/csuh/.m2/repository/io/cucumber/cucumber-junit-platform-engine/7.31.0/cucumber-junit-platform-engine-7.31.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds4-jparser/3.0.1/pds4-

jparser-3.0.1.jar:/Users/csuh/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuh/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuh/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuh/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuh/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/csuh/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuh/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/csuh/.m2/repository/org/checkerframework/checker-qual/3.41.0/checker-qual-3.41.0.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.5/jaxb-core-4.0.5.jar:/Users/csuh/.m2/repository/org/eclipse/angus/angus-activation/2.0.2/angus-activation-2.0.2.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-xjc/4.0.5/jaxb-xjc-4.0.5.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-csv/1.14.1/commons-csv-1.14.1.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-text/1.10.0/commons-text-1.10.0.jar:/Users/csuh/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/csuh/.m2/repository/gov/nasa/gsfc/heasarc/nom-tam-fits/1.21.2/nom-tam-fits-1.21.2.jar:/Users/csuh/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.9.4/spotbugs-annotations-4.9.4.jar:/Users/csuh/.m2/repository/jakarta/annotation/jakarta.annotation-api/3.0.0/jakarta.annotation-api-3.0.0.jar:/Users/csuh/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/csuh/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/csuh/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/csuh/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/csuh/.m2/repository/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/csuh/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.20.1/jackson-databind-2.20.1.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.20/jackson-annotations-2.20.jar:/Users/csuh/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.20.1/jackson-core-2.20.1.jar:/Users/csuh/.m2/repository/gov/nasa/pds/registry-common/2.0.5/registry-common-2.0.5.jar:/Users/csuh/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpasyncclient/4.1.5/httpasyncclient-4.1.5.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/csuh/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/csuh/.m2/repository/org/apache/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/csuh/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.4/jakarta.xml.bind-api-4.0.4.jar:/Users/csuh/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.5/jaxb-impl-4.0.5.jar:/Users/csuh/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.4/jakarta.activation-api-2.1.4.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.5.1/httpclient5-5.5.1.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.6/httpcore5-5.3.6.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/core5/httpcore5-5.3.6/httpcore5-h2-5.3.6.jar:/Users/csuh/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/csuh/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/csuh/.m2/repository/org/opensearch/client/opensearch-java/3.3.0/opensearch-java-3.3.0.jar:/Users/csuh/.m2/repository/org/eclipse/parsson/parsson/1.1.7/parsson-1.1.7.jar:/Users/csuh/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/csuh/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/csuh/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/csuh/.m2/repository/org/glassfish/jakarta.json/2.0.0/jakarta.json-2.0.0-module.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/opensearch/2.38.7/opensearch-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/protocol-core/2.38.7/protocol-core-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/aws-json-protocol/2.38.7/aws-json-protocol-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/third-party-jackson-core/2.38.7/third-party-jackson-core-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth-aws/2.38.7/http-auth-aws-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/checksums-spi/2.38.7/checksums-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/checksums/2.38.7/checksums-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/sdk-core/2.38.7/sdk-core-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/profiles/2.38.7/profiles-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/retries/2.38.7/retries-2.38.7.jar:/Users/csuh/.m2/repository/org/reactivestreams/reactive-streams/1.0.4/reactive-streams-1.0.4.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/auth/2.38.7/auth-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth-aws-eventstream/2.38.7/http-auth-aws-eventstream-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/eventstream/eventstream/1.0.1/eventstream-1.0.1.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-auth-spi/2.38.7/http-auth-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/http-client-spi/2.38.7/http-client-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/identity-spi/2.38.7/identity-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/regions/2.38.7/regions-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/annotations/2.38.7/annotations-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/utils/2.38.7/utils-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/aws-core/2.38.7/aws-core-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/utils-lite/2.38.7/utils-lite-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/metrics-spi/2.38.7/metrics-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/json-utils/2.38.7/json-utils-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/endpoints-spi/2.38.7/endpoints-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/retries-spi/2.38.7/retries-spi-2.38.7.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/netty-nio-client/2.38.7/netty-nio-client-2.38.7.jar:/Users/csuh/.m2/repository/io/netty/netty-codec-http/4.1.126.Final/netty-codec-http-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-codec-http/4.1.126.Final/netty-codec-http2-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-codec/4.1.126.Final/netty-codec-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport/4.1.126.Final/netty-transport-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-common/4.1.126.Final/netty-common-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-buffer/4.1.126.Final/netty-buffer-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-handler/4.1.126.Final/netty-handler-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport-native-unix-common/4.1.126.Final/netty-transport-native-unix-common-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-transport-classes-epoll/4.1.126.Final/netty-transport-classes-epoll-4.1.126.Final.jar:/Users/csuh/.m2/repository/io/netty/netty-resolver/4.1.126.Final/netty-resolver-4.1.126.Final.jar:/Users/csuh/.m2/repository/software/amazon/awssdk/apache-client/2.38.7/apache-client-2.38.7.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar:/Users/csuh/.m2/repository/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar:
sun.cpu.endian: little
user.home: /Users/csuh

11/30/25, 11:40 PM

B16 Validate Automated Tests Run - TestRail

```
user.language: en
java.specification.vendor: Oracle Corporation
java.version.date: 2025-01-21
java.home: /opt/homebrew/Cellar/openjdk@17/17.0.14/libexec/openjdk.jdk/Contents/Home
file.separator: /
basedir: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate
java.vm.compressedOopsMode: Zero based
line.separator:

java.specification.name: Java Platform API Specification
java.vm.specification.vendor: Oracle Corporation
surefire.real.class.path: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/target/surefire/surefirebooter-20251130225437265_3.jar
sun.management.compiler: HotSpot 64-Bit Tiered Compilers
java.runtime.version: 17.0.14+0
user.name: csuh
path.separator: :
os.version: 15.5
java.runtime.name: OpenJDK Runtime Environment
file.encoding: UTF-8
java.vm.name: OpenJDK 64-Bit Server VM
java.vendor.version: Homebrew
resources.home: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate/src/main/resources/util
localRepository: /Users/csuh/.m2/repository
java.vendor.url.bug: https://github.com/Homebrew/homebrew-core/issues
java.io.tmpdir: /var/folders/lz/7mljvnvn7r93pn5tfh9stf8m0000gp/T/
java.version: 17.0.14
user.dir: /Users/csuh/Documents/pds/repos/GitHub.public/NASA-PDS/validate
os.arch: aarch64
java.vm.specification.name: Java Virtual Machine Specification
org.slf4j.simpleLogger.defaultLogLevel: ERROR
native.encoding: UTF-8
java.library.path: /Users/csuh/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:..
java.vm.info: mixed mode, sharing
java.vendor: Homebrew
java.vm.version: 17.0.14+0
java.specification.maintenance.version: 1
sun.io.unicode.encoding: UnicodeBig
javax.xml.transform.TransformerFactory: net.sf.saxon.TransformerFactoryImpl
java.class.version: 61.0
```

Created On

11/30/2025

Completed

No

Passed	Blocked	Untested	Retest	Failed
100% (274/274)	0% (0/274)	0% (0/274)	0% (0/274)	0% (0/274)

Partial Pass	Conditional Pass	Deprecated
0% (0/274)	0% (0/274)	0% (0/274)

Test Cases

io.cucumber.junit.platform.engine.CucumberTestEngine 274

ID	Title	Assigned To	Status
T9671773	Example #1 5 NASA-PDS validate#992-1		Passed
T9671774	Example #1 3 NASA-PDS validate#1028-1		Passed
T9671775	Example #1 8 NASA-PDS validate#950-2		Passed
T9671776	Example #1 6 NASA-PDS validate#992-2		Passed
T9671777	Example #1 2 NASA-PDS validate#1066-1		Passed
T9671778	Example #1 10 NASA-PDS validate#919-2		Passed
T9671779	Example #1 4 NASA-PDS validate#1008-1		Passed
T9671780	Example #1 9 NASA-PDS validate#919-1		Passed
T9671781	Example #1 1 NASA-PDS validate#1100-1		Passed
T9671782	Example #1 7 NASA-PDS validate#950-1		Passed
T9671783	Example #1 11 NASA-PDS validate#915-1		Passed
T9671784	Example #1 14 NASA-PDS validate#902-1		Passed
T9671785	Example #1 20 NASA-PDS validate#849-1		Passed
T9671786	Example #1 15 NASA-PDS validate#902-2		Passed
T9671787	Example #1 13 NASA-PDS validate#905-2		Passed
T9671788	Example #1 18 NASA-PDS validate#861-1		Passed
T9671789	Example #1 16 NASA-PDS validate#873-1		Passed
T9671790	Example #1 19 NASA-PDS validate#857-1		Passed
T9671791	Example #1 17 NASA-PDS validate#873-2		Passed
T9671792	Example #1 12 NASA-PDS validate#905-1		Passed
T9671793	Example #1 25 NASA-PDS validate#824-1		Passed
T9671794	Example #1 26 NASA-PDS validate#824-2		Passed
T9671795	Example #1 27 NASA-PDS validate#823-1		Passed
T9671796	Example #1 23 NASA-PDS validate#837-2		Passed
T9671797	Example #1 24 NASA-PDS validate#831-1		Passed

T9671798	Example #1 21 NASA-PDS validate#849-2	Passed
T9671799	Example #1 29 NASA-PDS validate#816-1	Passed
T9671800	Example #1 22 NASA-PDS validate#837-1	Passed
T9671801	Example #1 30 NASA-PDS validate#816-2	Passed
T9671802	Example #1 28 NASA-PDS validate#822-1	Passed
T9671803	Example #1 4 NASA-PDS validate#1358-1	Passed
T9671804	Example #1 1 NASA-PDS validate#1391-1	Passed
T9671805	Example #1 2 NASA-PDS validate#1391-2	Passed
T9671806	Example #1 9 NASA-PDS validate#1276-1	Passed
T9671807	Example #1 3 NASA-PDS validate#1359-1	Passed
T9671808	Example #1 7 NASA-PDS validate#1316-1	Passed
T9671809	Example #1 6 NASA-PDS validate#1332-1	Passed
T9671810	Example #1 5 NASA-PDS validate#1357-1	Passed
T9671811	Example #1 31 NASA-PDS validate#816-3	Passed
T9671812	Example #1 8 NASA-PDS validate#1294-1	Passed
T9671813	Example #1 10 NASA-PDS validate#1276-2	Passed
T9671814	Example #1 15 NASA-PDS validate#1130-1	Passed
T9671815	Example #1 13 NASA-PDS validate#1201-2	Passed
T9671816	Example #1 11 NASA-PDS validate#1276-3	Passed
T9671817	Example #1 12 NASA-PDS validate#1201-1	Passed
T9671818	Example #1 14 NASA-PDS validate#1135-1	Passed
T9671819	Example #1 19 NASA-PDS validate#1104-2	Passed
T9671820	Example #1 17 NASA-PDS validate#1100-1	Passed
T9671821	Example #1 16 NASA-PDS validate#1118-1	Passed
T9671822	Example #1 18 NASA-PDS validate#1104-1	Passed
T9671823	Example #1 23 NASA-PDS validate#1090-1	Passed
T9671824	Example #1 22 NASA-PDS validate#1158-1	Passed

T9671825	Example #1 21 NASA-PDS validate#1129-1	Passed
T9671826	Example #1 1 NASA-PDS validate#817-1	Passed
T9671827	Example #1 20 NASA-PDS validate#1104-3	Passed
T9671828	Example #1 4 NASA-PDS validate#755-1	Passed
T9671829	Example #1 2 NASA-PDS validate#785-1	Passed
T9671830	Example #1 5 NASA-PDS validate#755-2	Passed
T9671831	Example #1 3 NASA-PDS validate#781-1	Passed
T9671832	Example #1 6 NASA-PDS validate#754-1	Passed
T9671833	Example #1 7 NASA-PDS validate#693-1	Passed
T9671834	Example #1 8 NASA-PDS validate#690-1	Passed
T9671835	Example #1 9 NASA-PDS validate#684-1	Passed
T9671836	Example #1 15 NASA-PDS validate#680-1	Passed
T9671837	Example #1 11 NASA-PDS validate#683-1	Passed
T9671838	Example #1 16 NASA-PDS validate#680-2	Passed
T9671839	Example #1 13 NASA-PDS validate#681-2	Passed
T9671840	Example #1 14 NASA-PDS validate#681-3	Passed
T9671841	Example #1 12 NASA-PDS validate#681-1	Passed
T9671842	Example #1 10 NASA-PDS validate#684-2	Passed
T9671843	Example #1 17 NASA-PDS validate#671-1	Passed
T9671844	Example #1 18 NASA-PDS validate#652-1	Passed
T9671845	Example #1 24 NASA-PDS validate#617-1	Passed
T9671846	Example #1 22 NASA-PDS validate#631-1	Passed
T9671847	Example #1 19 NASA-PDS validate#651-1	Passed
T9671848	Example #1 20 NASA-PDS validate#649-1	Passed
T9671849	Example #1 25 NASA-PDS validate#616-1	Passed
T9671850	Example #1 23 NASA-PDS validate#628-1	Passed
T9671851	Example #1 21 NASA-PDS validate#644-1	Passed

T9671852	Example #1 26 NASA-PDS validate#614-1	Passed
T9671853	Example #1 27 NASA-PDS validate#611-1	Passed
T9671854	Example #1 29 NASA-PDS validate#604-1	Passed
T9671855	Example #1 36 NASA-PDS validate#597-3	Passed
T9671856	Example #1 28 NASA-PDS validate#605-1	Passed
T9671857	Example #1 30 NASA-PDS validate#599-1	Passed
T9671858	Example #1 32 NASA-PDS validate#599-3	Passed
T9671859	Example #1 34 NASA-PDS validate#597-1	Passed
T9671860	Example #1 33 NASA-PDS validate#599-4	Passed
T9671861	Example #1 35 NASA-PDS validate#597-2	Passed
T9671862	Example #1 31 NASA-PDS validate#599-2	Passed
T9671863	Example #1 39 NASA-PDS validate#533-1	Passed
T9671864	Example #1 37 NASA-PDS validate#535-1	Passed
T9671865	Example #1 41 NASA-PDS validate#531-2	Passed
T9671866	Example #1 43 NASA-PDS validate#514-1	Passed
T9671867	Example #1 44 NASA-PDS validate#499-1	Passed
T9671868	Example #1 45 NASA-PDS validate#499-2	Passed
T9671869	Example #1 42 NASA-PDS validate#529-1	Passed
T9671870	Example #1 38 NASA-PDS validate#535-2	Passed
T9671871	Example #1 40 NASA-PDS validate#531-1	Passed
T9671872	Example #1 46 NASA-PDS validate#482-1	Passed
T9671873	Example #1 53 NASA-PDS validate#480-2	Passed
T9671874	Example #1 55 NASA-PDS validate#469-1	Passed
T9671875	Example #1 47 NASA-PDS validate#482-2	Passed
T9671876	Example #1 49 NASA-PDS validate#482-4	Passed
T9671877	Example #1 48 NASA-PDS validate#482-3	Passed
T9671878	Example #1 52 NASA-PDS validate#480-1	Passed

T9671879	Example #1 50 NASA-PDS validate#482-5	Passed
T9671880	Example #1 54 NASA-PDS validate#480-3	Passed
T9671881	Example #1 51 NASA-PDS validate#482-6	Passed
T9671882	Example #1 56 NASA-PDS validate#469-2	Passed
T9671883	Example #1 63 NASA-PDS validate#432-1	Passed
T9671884	Example #1 64 NASA-PDS validate#429-1	Passed
T9671885	Example #1 62 NASA-PDS validate#435-1	Passed
T9671886	Example #1 65 NASA-PDS validate#427-1	Passed
T9671887	Example #1 61 NASA-PDS validate#444-1	Passed
T9671888	Example #1 60 NASA-PDS validate#447-1	Passed
T9671889	Example #1 59 NASA-PDS validate#467-2	Passed
T9671890	Example #1 57 NASA-PDS validate#469-3	Passed
T9671891	Example #1 66 NASA-PDS validate#424-1	Passed
T9671892	Example #1 58 NASA-PDS validate#467-1	Passed
T9671893	Example #1 74 NASA-PDS validate#401-1	Passed
T9671894	Example #1 76 NASA-PDS validate#392-2	Passed
T9671895	Example #1 67 NASA-PDS validate#424-2	Passed
T9671896	Example #1 68 NASA-PDS validate#419-1	Passed
T9671897	Example #1 71 NASA-PDS validate#416-3	Passed
T9671898	Example #1 73 NASA-PDS validate#408-1	Passed
T9671899	Example #1 75 NASA-PDS validate#392-1	Passed
T9671900	Example #1 69 NASA-PDS validate#416-1	Passed
T9671901	Example #1 72 NASA-PDS validate#416-4	Passed
T9671902	Example #1 70 NASA-PDS validate#416-2	Passed
T9671903	Example #1 77 NASA-PDS validate#392-3	Passed
T9671904	Example #1 79 NASA-PDS validate#380-2	Passed
T9671905	Example #1 84 NASA-PDS validate#373-2	Passed

T9671906	Example #1 78 NASA-PDS validate#380-1	Passed
T9671907	Example #1 82 NASA-PDS validate#375-1	Passed
T9671908	Example #1 81 NASA-PDS validate#376-1	Passed
T9671909	Example #1 85 NASA-PDS validate#368-1	Passed
T9671910	Example #1 80 NASA-PDS validate#379-1	Passed
T9671911	Example #1 86 NASA-PDS validate#367-1	Passed
T9671912	Example #1 83 NASA-PDS validate#373-1	Passed
T9671913	Example #1 87 NASA-PDS validate#367-2	Passed
T9671914	Example #1 93 NASA-PDS validate#367-8	Passed
T9671915	Example #1 90 NASA-PDS validate#367-5	Passed
T9671916	Example #1 92 NASA-PDS validate#367-7	Passed
T9671917	Example #1 88 NASA-PDS validate#367-3	Passed
T9671918	Example #1 89 NASA-PDS validate#367-4	Passed
T9671919	Example #1 94 NASA-PDS validate#367-9	Passed
T9671920	Example #1 91 NASA-PDS validate#367-6	Passed
T9671921	Example #1 96 NASA-PDS validate#367-11	Passed
T9671922	Example #1 95 NASA-PDS validate#367-10	Passed
T9671923	Example #1 104 NASA-PDS validate#357-2	Passed
T9671924	Example #1 99 NASA-PDS validate#366-2	Passed
T9671925	Example #1 105 NASA-PDS validate#357-3	Passed
T9671926	Example #1 100 NASA-PDS validate#366-3	Passed
T9671927	Example #1 97 NASA-PDS validate#367-12	Passed
T9671928	Example #1 103 NASA-PDS validate#357-1	Passed
T9671929	Example #1 101 NASA-PDS validate#364-1	Passed
T9671930	Example #1 98 NASA-PDS validate#366-1	Passed
T9671931	Example #1 106 NASA-PDS validate#357-4	Passed
T9671932	Example #1 102 NASA-PDS validate#364-2	Passed

T9671933	Example #1 110 NASA-PDS validate#349-2	Passed
T9671934	Example #1 116 NASA-PDS validate#343-3	Passed
T9671935	Example #1 108 NASA-PDS validate#356-2	Passed
T9671936	Example #1 112 NASA-PDS validate#345-2	Passed
T9671937	Example #1 109 NASA-PDS validate#349-1	Passed
T9671938	Example #1 115 NASA-PDS validate#343-2	Passed
T9671939	Example #1 113 NASA-PDS validate#344-1	Passed
T9671940	Example #1 111 NASA-PDS validate#345-1	Passed
T9671941	Example #1 107 NASA-PDS validate#356-1	Passed
T9671942	Example #1 114 NASA-PDS validate#343-1	Passed
T9671943	Example #1 117 NASA-PDS validate#335-1	Passed
T9671944	Example #1 118 NASA-PDS validate#335-2	Passed
T9671945	Example #1 119 NASA-PDS validate#334-1	Passed
T9671946	Example #1 121 NASA-PDS validate#328-1	Passed
T9671947	Example #1 120 NASA-PDS validate#334-2	Passed
T9671948	Example #1 124 NASA-PDS validate#310-1	Passed
T9671949	Example #1 122 NASA-PDS validate#328-2	Passed
T9671950	Example #1 126 NASA-PDS validate#308-1	Passed
T9671951	Example #1 123 NASA-PDS validate#325-1	Passed
T9671952	Example #1 125 NASA-PDS validate#310-2	Passed
T9671953	Example #1 127 NASA-PDS validate#308-2	Passed
T9671954	Example #1 128 NASA-PDS validate#303-1	Passed
T9671955	Example #1 130 NASA-PDS validate#299-1	Passed
T9671956	Example #1 135 NASA-PDS validate#297-2	Passed
T9671957	Example #1 129 NASA-PDS validate#303-2	Passed
T9671958	Example #1 136 NASA-PDS validate#294-1	Passed
T9671959	Example #1 134 NASA-PDS validate#297-1	Passed

T9671960	Example #1 133 NASA-PDS validate#298-2	Passed
T9671961	Example #1 131 NASA-PDS validate#299-2	Passed
T9671962	Example #1 132 NASA-PDS validate#298-1	Passed
T9671963	Example #1 138 NASA-PDS validate#292-1	Passed
T9671964	Example #1 137 NASA-PDS validate#294-2	Passed
T9671965	Example #1 139 NASA-PDS validate#292-2	Passed
T9671966	Example #1 144 NASA-PDS validate#292-7	Passed
T9671967	Example #1 140 NASA-PDS validate#292-3	Passed
T9671968	Example #1 142 NASA-PDS validate#292-5	Passed
T9671969	Example #1 145 NASA-PDS validate#292-8	Passed
T9671970	Example #1 143 NASA-PDS validate#292-6	Passed
T9671971	Example #1 141 NASA-PDS validate#292-4	Passed
T9671972	Example #1 146 NASA-PDS validate#292-9	Passed
T9671973	Example #1 147 NASA-PDS validate#292-10	Passed
T9671974	Example #1 148 NASA-PDS validate#292-11	Passed
T9671975	Example #1 150 NASA-PDS validate#291-1	Passed
T9671976	Example #1 149 NASA-PDS validate#292-12	Passed
T9671977	Example #1 151 NASA-PDS validate#291-2	Passed
T9671978	Example #1 154 NASA-PDS validate#281-3	Passed
T9671979	Example #1 155 NASA-PDS validate#281-4	Passed
T9671980	Example #1 156 NASA-PDS validate#281-5	Passed
T9671981	Example #1 152 NASA-PDS validate#281-1	Passed
T9671982	Example #1 153 NASA-PDS validate#281-2	Passed
T9671983	Example #1 157 NASA-PDS validate#281-6	Passed
T9671984	Example #1 158 NASA-PDS validate#278-1	Passed
T9671985	Example #1 159 NASA-PDS validate#278-2	Passed
T9671986	Example #1 160 NASA-PDS validate#240-1	Passed

T9671987	Example #1 166 NASA-PDS validate#217-3	Passed
T9671988	Example #1 162 NASA-PDS validate#230-1	Passed
T9671989	Example #1 163 NASA-PDS validate#230-2	Passed
T9671990	Example #1 161 NASA-PDS validate#240-2	Passed
T9671991	Example #1 165 NASA-PDS validate#217-2	Passed
T9671992	Example #1 164 NASA-PDS validate#217-1	Passed
T9671993	Example #1 167 NASA-PDS validate#210-1	Passed
T9671994	Example #1 168 NASA-PDS validate#209-1	Passed
T9671995	Example #1 169 NASA-PDS validate#209-2	Passed
T9671996	Example #1 177 NASA-PDS validate#153-1	Passed
T9671997	Example #1 170 NASA-PDS validate#209-3	Passed
T9671998	Example #1 176 NASA-PDS validate#164-2	Passed
T9671999	Example #1 173 NASA-PDS validate#173-1	Passed
T9672000	Example #1 172 NASA-PDS validate#188-1	Passed
T9672001	Example #1 174 NASA-PDS validate#173-2	Passed
T9672002	Example #1 175 NASA-PDS validate#164-1	Passed
T9672003	Example #1 171 NASA-PDS validate#190-1	Passed
T9672004	Example #1 178 NASA-PDS validate#153-2	Passed
T9672005	Example #1 179 NASA-PDS validate#149-1	Passed
T9672006	Example #1 185 NASA-PDS validate#84-2	Passed
T9672007	Example #1 181 NASA-PDS validate#137-1	Passed
T9672008	Example #1 180 NASA-PDS validate#149-2	Passed
T9672009	Example #1 183 NASA-PDS validate#87-1	Passed
T9672010	Example #1 184 NASA-PDS validate#84-1	Passed
T9672011	Example #1 186 NASA-PDS validate#71-1	Passed
T9672012	Example #1 182 NASA-PDS validate#137-2	Passed
T9672013	Example #1 187 NASA-PDS validate#71-2	Passed

T9672014	Example #1 188 NASA-PDS validate#62-1	Passed
T9672015	Example #1 189 NASA-PDS validate#62-2	Passed
T9672016	Example #1 193 NASA-PDS validate#57-4	Passed
T9672017	Example #1 195 NASA-PDS validate#51-2	Passed
T9672018	Example #1 192 NASA-PDS validate#57-3	Passed
T9672019	Example #1 194 NASA-PDS validate#51-1	Passed
T9672020	Example #1 190 NASA-PDS validate#57-1	Passed
T9672021	Example #1 196 NASA-PDS validate#50-1	Passed
T9672022	Example #1 197 NASA-PDS validate#50-2	Passed
T9672023	Example #1 191 NASA-PDS validate#57-2	Passed
T9672024	Example #1 198 NASA-PDS validate#47-1	Passed
T9672025	Example #1 199 NASA-PDS validate#47-2	Passed
T9672026	Example #1 204 NASA-PDS validate#15-1	Passed
T9672027	Example #1 200 NASA-PDS validate#28-1	Passed
T9672028	Example #1 206 NASA-PDS validate#11-1	Passed
T9672029	Example #1 207 NASA-PDS validate#11-2	Passed
T9672030	Example #1 205 NASA-PDS validate#15-2	Passed
T9672031	Example #1 203 NASA-PDS validate#17-2	Passed
T9672032	Example #1 201 NASA-PDS validate#28-2	Passed
T9672033	Example #1 208 NASA-PDS validate#11-3	Passed
T9672034	Example #1 202 NASA-PDS validate#17-1	Passed
T9672035	Example #1 212 NASA-PDS validate#9-4	Passed
T9672036	Example #1 214 NASA-PDS validate#9-6	Passed
T9672037	Example #1 216 NASA-PDS validate#6-1	Passed
T9672038	Example #1 218 NASA-PDS validate#6-3	Passed
T9672039	Example #1 217 NASA-PDS validate#6-2	Passed
T9672040	Example #1 209 NASA-PDS validate#9-1	Passed

T9672041	Example #1 211 NASA-PDS validate#9-3	Passed
T9672042	Example #1 215 NASA-PDS validate#7-1	Passed
T9672043	Example #1 213 NASA-PDS validate#9-5	Passed
T9672044	Example #1 210 NASA-PDS validate#9-2	Passed
T9672045	Example #1 220 NASA-PDS validate#5-2	Passed
T9672046	Example #1 219 NASA-PDS validate#5-1	Passed

R50776: B16 - Manual Tests - Requirements

B16

Created On	6/27/2025
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Completed	No
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Passed	Blocked	Untested	Retest	Failed
64% (9/14)	21% (3/14)	0% (0/14)	0% (0/14)	7% (1/14)
Partial Pass	Conditional Pass	Deprecated		
7% (1/14)	0% (0/14)	0% (0/14)		

Test Cases

data-upload-manager 5

Data Upload Manager (DUM) component for managing the interface for data uploads to the Planetary Data Cloud from Data Providers and PDS Nodes.

ID	Title	Assigned To	Status
T9314342	As a user, I want to support upload of files >5GB		Passed
T9314343	As a user, I want to support upload of files >5GB		Passed
T9655590	As a user, I want to load web logs to the web analytics bucket		Passed
T9662326	As a user, I can read rclone-generated checksums when checking for existing files in the staging bucket		Blocked
T9670430	As a user, I want to skip upload of files that are already in the archive bucket		Passed

deep-archive 1

PDS Open Archival Information System (OAIS) utilities, including Submission Information Package (SIP) and Archive Information Package (AIP) generators

ID	Title	Assigned To	Status
T9314344	As a user, I want deep archive to support LBLX label extensions		Passed

harvest 1Standalone Harvest client application providing the functionality for capturing and indexing product metadata into the PDS Registry system (<https://github.com/nasa-pds/registry>).

ID	Title	Assigned To	Status
T9655584	As a user, I want harvest to raise an error if an attribute is not found in a local data dictionary (LDD)		Failed

pds4-information-model 2

The software tools and data necessary for generating the Information Model including PDS4 ontology, data, and information model.

ID	Title	Assigned To	Status
T9655579	As a user, I want to easily identify which IM and LDD version the WebHelp documentation is for		Partial Pass
T9670431	As a user, I want to override the default namespace version used by LDDTool		Passed

registry 5

PDS Registry provides service and software application necessary for tracking, searching, auditing, locating, and maintaining artifacts within the system. These artifacts can range from data files and label files, schemas, dictionary definitions for objects and elements, services, etc.

ID	Title	Assigned To	Status
T9314345	As a node user, I want to have multiple cognito groups and still have the main cognito node group to be effective		Passed
T9655580	As a node operator, I want the the registry schema to update autonomously / dynamically when new data is ingested.		Blocked
T9655581	As a node operator, I want the the registry schema to update autonomously / dynamically when new data is ingested.		Blocked
T9655587	As a user, I want to receive an alert when my registry credentials are readable by someone else than myself		Passed
T9655588	As a user, I want to receive an alert when my registry credentials are readable by someone else than myself		Passed

1 more test available. Switch to compact view to see all tests.

R50777: B16 - Manual Tests - Bugs - High

B16

Created On	6/27/2025			
Completed	No			
Passed	Blocked	Untested	Retest	Failed
71% (5/7)	14% (1/7)	0% (0/7)	0% (0/7)	14% (1/7)
Partial Pass	Conditional Pass	Deprecated		
0% (0/7)	0% (0/7)	0% (0/7)		

Test Cases

deep-archive 1

PDS Open Archival Information System (OAIS) utilities, including Submission Information Package (SIP) and Archive Information Package (AIP) generators

ID	Title	Assigned To	Status
T9662327	pds-deep-registry-archive does not include all collections within a bundle in SIP/AIP files		Passed

harvest 1Standalone Harvest client application providing the functionality for capturing and indexing product metadata into the PDS Registry system (<https://github.com/nasa-pds/registry>).

ID	Title	Assigned To	Status
T9670433	Harvest cannot parse Date without time		Passed

registry 1

PDS Registry provides service and software application necessary for tracking, searching, auditing, locating, and maintaining artifacts within the system. These artifacts can range from data files and label files, schemas, dictionary definitions for objects and elements, services, etc.

ID	Title	Assigned To	Status
T9655594	Registry is not accepting date time with leap second, e.g. '2015-06-30T23:59:60.862Z'		Passed

registry-api 2Web API service for the PDS Registry, providing the implementation of the PDS Search API (<https://github.com/nasa-pds/pds-api>) for the PDS Registry.

ID	Title	Assigned To	Status
T9662329	API search results using "search-after" returns empty [data] block even though I can find the product by lidvid		Passed
T9670434	Inconsistent support for `application/vnd.nasa.pds.pds4+json` response format		Blocked

registry-mgr 2Standalone Registry Manager application responsible for managing the PDS Registry (<https://github.com/NASA-PDS/registry>) schemas and indexes.

ID	Title	Assigned To	Status
T9655604	registry-manager is incorrectly changing the archive_status of collection versions not in the bundle version		Passed
T9655605	set-archive-status is changing the status of more products than are in the bundle		Failed

10 more tests available. Switch to [compact view](#) to see all tests.