

R49569: B15.1 - Manual Tests - Requirements

Created On	3/4/2025
Completed	No

Passed	Blocked	Untested	Retest	Failed
91% (20/22)	5% (1/22)	0% (0/22)	0% (0/22)	5% (1/22)
Partial Pass	Conditional Pass	Deprecated		
0% (0/22)	0% (0/22)	0% (0/22)		

Test Cases

devops 1

Parent repo for PDS DevOps activities

ID	Title	Assigned To	Status
T9091689	As a developer and tester, I want my test case to be automatically defined from the github ticket without manual editing, copy/paste	C. E. Suh	Passed

ds-view 2

Data Set View application (pds.nasa.gov/ds-view)

ID	Title	Assigned To	Status
T9091691	As a user, I want a landing page for Facility context objects	C. E. Suh	Passed
T9091692	As a user, I want a landing page for Telescope context objects	C. E. Suh	Passed

harvest 5

Standalone 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
T9091693	As a user, I want to include my organization name in the harvest metadata ('ops:Harvest_Info.ops:node_name')	C. E. Suh	Passed
T9091694	As a user, I want to include my organization name in the harvest metadata ('ops:Harvest_Info.ops:node_name')	C. E. Suh	Passed
T9091695	As a user, I want harvest to exit with non 0 code when the arguments are not parsable	C. E. Suh	Passed
T9091696	As a user, I want harvest to exit with non 0 code when the arguments are not parsable	C. E. Suh	Passed
T9224108	As a user, I want to include my organization name in the harvest metadata ('ops:Harvest_Info.ops:node_name')	C. E. Suh	Passed

nucleus 1

Nucleus is a software platform used to create workflows for the Planetary Data (PDS).

ID	Title	Assigned To	Status
T9206848	As a user, I want to process a backlog of data present in an S3 bucket	C. E. Suh	Passed

peppi 4

Planetary Data Explorer: Python (PEPPI) client library (pds.peppi) to access Planetary Data from the NASA Planetary Data System

ID	Title	Assigned To	Status
T9091699	As a user, I want to see an online reference documentation of the library	C. E. Suh	Passed
T9091700	As a user, I want to transform binary tables (.dat) in CSVs for all members of a collection	C. E. Suh	Passed
T9091701	As a user, I want to read all tables within a collection into a pandas DataFrame	C. E. Suh	Passed
T9206852	As a developer, I want to install pds.peppi in a conda environment	C. E. Suh	Passed

portal-wp 1

New PDS Website driven by the PDS Web Modernization Working Group

ID	Title	Assigned To	Status
T9091704	As a user, I want collection descriptions to default to `pds:Citation_Information.pds:description`	C. E. Suh	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
T9091705	As a user, I want to have read-only access to all registry indexes	C. E. Suh	Passed

registry-api 1

Web 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
T9091706	As application support, I want to see in the server side logs the full query being sent to OpenSearch	C. E. Suh	Blocked

registry-legacy-solr 3

Legacy Registry Software components leveraging Apache Solr. Includes Legacy Harvest Tool, Registry Manager, PDS3 Catalog Tool, and Search Core library. These components provide the capabilities for loading PDS3 and PDS4 data into the Legacy Solr Registry, driving the PDS keyword search.

ID	Title	Assigned To	Status
T9091708	As a user, I want to provide search/access links using the hsk.cat files within the data set	C. E. Suh	Passed
T9091709	As a user, I want to provide a data input path via command-line	C. E. Suh	Passed
T9091710	As a user, I want to provide a data input path via command-line	C. E. Suh	Passed

registry-mgr 3

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

ID	Title	Assigned To	Status
T9091711	As a user, I want to change the archive status for a collection and it's associated products given a collection lidvid	C. E. Suh	Passed
T9091712	As a user, I want to update a bundle and associated collections' and products' archive status given a bundle lidvid	C. E. Suh	Failed
T9091713	As a user, I want to update a bundle and associated collections' and products' archive status given a bundle lidvid	C. E. Suh	Passed

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

R49570: B15.1 - Manual Tests - Bugs - Critical

Created On	3/4/2025
Completed	No

Passed	Blocked	Untested	Retest	Failed
89% (8/9)	11% (1/9)	0% (0/9)	0% (0/9)	0% (0/9)
Partial Pass	Conditional Pass	Deprecated		
0% (0/9)	0% (0/9)	0% (0/9)		

Test Cases

harvest 3

Standalone 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
T9091721	OpenSearch mapping conflict issue when trying to change a type ('[illegal_argument_exception]')	C. E. Suh	Blocked
T9091722	harvest by default overwrites all products	C. E. Suh	Passed
T9125433	harvest stops after [ERROR] (HarvestCli.java:runCommand:98) Object builders can only be used once	C. E. Suh	Passed

planetary-data-cloud 1

PDS Cloud Migration documentation, issue, tracking and simple tools for assisting in the PDS hybrid cloud study and migration efforts.

ID	Title	Assigned To	Status
T9091723	CSS ODR bucket no longer accessible to the public	C. E. Suh	Passed

portal-wp 1

New PDS Website driven by the PDS Web Modernization Working Group

ID	Title	Assigned To	Status
T9091724	Search results are linking to an empty page ('investigations/identifier/data')	C. E. Suh	Passed

registry 2

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
T9125434	Registry return authorization error for ATM node	C. E. Suh	Passed
T9135505	Update terraform to use port 443 not port 80	C. E. Suh	Passed

registry-api 1

Web 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
T9125435	Registry API returning >1 version of data	C. E. Suh	Passed

registry-legacy-solr 1

Legacy Registry Software components leveraging Apache Solr. Includes Legacy Harvest Tool, Registry Manager, PDS3 Catalog Tool, and Search Core library. These components provide the capabilities for loading PDS3 and PDS4 data into the Legacy Solr Registry, driving the PDS keyword search.

ID	Title	Assigned To	Status
T9091727	NullPointerException being thrown and catalog-solr is not completing execution	C. E. Suh	Passed

R49571: B15.1 - Manual Tests - Bugs - High

Created On	3/4/2025
Completed	No

Passed	Blocked	Untested	Retest	Failed
94% (15/16)	0% (0/16)	0% (0/16)	0% (0/16)	6% (1/16)
Partial Pass	Conditional Pass	Deprecated		
0% (0/16)	0% (0/16)	0% (0/16)		

Test Cases

ds-view 1

Data Set View application (pds.nasa.gov/ds-view)

ID	Title	Assigned To	Status
T9091735	Products with multiple resources are not appearing on landing pages	C. E. Suh	Passed

harvest 2

Standalone 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
T9091737	New records harvested in the registry don't have the expected Node value	C. E. Suh	Passed
T9091738	Unknown date format used that could not be parsed by Harvest	C. E. Suh	Passed

portal-tasks 3

PDS Portal tasks repo used to track update requests for the website. Actual code and website are managed in separate private repo

ID	Title	Assigned To	Status
T9091741	Tool Registry search does not work past initial query	C. E. Suh	Passed
T9091742	Missing PDS4_IMG_1100.xsd	C. E. Suh	Passed
T9135506	Invalid dates in LDD JSON files causing read errors in Harvest	C. E. Suh	Passed

portal-wp 2

New PDS Website driven by the PDS Web Modernization Working Group

ID	Title	Assigned To	Status
T9091743	Search strings containing a slash "/" character fail	C. E. Suh	Passed
T9091744	Data Sets are linking to viewCollection pages, not the resLocation	C. E. Suh	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
T9091746	Data products duplicated across en-registry and other node registries	C. E. Suh	Passed

registry-legacy-solr 3

Legacy Registry Software components leveraging Apache Solr. Includes Legacy Harvest Tool, Registry Manager, PDS3 Catalog Tool, and Search Core library. These components provide the capabilities for loading PDS3 and PDS4 data into the Legacy Solr Registry, driving the PDS keyword search.

ID	Title	Assigned To	Status
T9091747	viewDocument.jsp has no links for SEARCH/ACCESS DATA	C. E. Suh	Passed
T9091748	viewDataset.jsp shows no links for Search/Access Data	C. E. Suh	Passed
T9091749	Cassini ISS Users Guide returns "No Document Information found in the registry" msg	C. E. Suh	Passed

registry-mgr 4

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

ID	Title	Assigned To	Status
T9091750	Update inline help to match latest features	C. E. Suh	Passed
T9091751	archive status does not change for all bundle members	C. E. Suh	Failed
T9091753	'Missing required property 'FieldValue.<variant value>' error when running with 'list-dd' command	C. E. Suh	Passed
T9206855	registry-manager does not process _all_ collections in a bundle	C. E. Suh	Passed

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

R50440: B15.1 PDS4 Information Model LDDTool Automated Tests Run

```
gopherProxySet: false
awt.toolkit: sun.lwawt.macosx.LWCToolkit
java.specification.version: 11
sun.cpu.isalist:
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/15.4.0-SNAPSHOT/model-dmdocument-15.4.0-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/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-gherkin-messages/7.20.1/cucumber-gherkin-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/datatable/7.20.1/datatable-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/3.7.0-SNAPSHOT/validate-3.7.0-SNAPSHOT.jar:/Users/csuH/.m2/repository/org/verapdf/validation-model-jakarta/1.26.5/validation-model-jakarta-1.26.5.jar:/Users/csuH/.m2/repository/org/verapdf/parser/1.26.1/parser-1.26.1.jar:/Users/csuH/.m2/repository/org/verapdf/pdf-model/1.26.1/pdf-model-1.26.1.jar:/Users/csuH/.m2/repository/org/verapdf/core-jakarta/1.26.5/core-jakarta-1.26.5.jar:/Users/csuH/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.26.5/verapdf-xmp-core-jakarta-1.26.5.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/txw2/4.0.2/txw2-4.0.2.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/1.26.5/feature-reporting-jakarta-1.26.5.jar:/Users/csuH/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.26.5/metadata-fixer-jakarta-1.26.5.jar:/Users/csuH/.m2/repository/net/sf/saxon/Saxon-HE/12.5/Saxon-HE-12.5.jar:/Users/csuH/.m2/repository/org/xmlresolver/xmlresolver/5.2.2/xmlresolver-5.2.2.jar:/Users/csuH/.m2/repository/org/xmlresolver/xmlresolver/5.2.2/xmlresolver-5.2.2-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-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/commons-lang/commons-lang/2.6/commons-lang-2.6.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/2.12.1/gson-2.12.1.jar:/Users/csuH/.m2/repository/com/google/errorprone/error_prone_annotations/2.36.0/error_prone_annotations-2.36.0.jar:/Users/csuH/.m2/repository/org/jsoup/jsoup/1.19.1/jsoup-1.19.1.jar:/Users/csuH/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/csuH/.m2/repository/com/jamesmurty/utls/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-lang3/3.17.0/commons-lang3-3.17.0.jar:/Users/csuH/.m2/repository/org/apache/commons/commons-compress/1.27.1/commons-compress-1.27.1.jar:/Users/csuH/.m2/repository/commons-codec/commons-codec/1.17.1/commons-codec-1.17.1.jar:/Users/csuH/.m2/repository/com/google/guava/guava/33.4.7-jre/guava-33.4.7-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/3.0.0/j2objc-annotations-3.0.0.jar:/Users/csuhr/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuhr/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuhr/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuhr/.m2/repository/org/apache/logging/log4j/log4j-core/2.24.3/log4j-core-2.24.3.jar:/Users/csuhr/.m2/repository/org/apache/logging/log4j/log4j-api/2.24.3/log4j-api-2.24.3.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/pds4-jparser/2.11.0/pds4-jparser-2.11.0.jar:/Users/csuhr/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuhr/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuhr/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuhr/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/csuhr/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-jxc/4.0.5/jaxb-jxc-4.0.5.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-csv/1.12.0/commons-csv-1.12.0.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/opencsv/5.5-SNAPSHOT/opencsv-5.5-SNAPSHOT.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-text/1.11.0/commons-text-1.11.0.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/csuhr/.m2/repository/gov/nasa/gsfsc/heasarc/nom-tam-fits/1.20.2/nom-tam-fits-1.20.2.jar:/Users/csuhr/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.8.6/spotbugs-annotations-4.8.6.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/vicario/48.0.3-SNAPSHOT/vicario-48.0.3-SNAPSHOT.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/csuhr/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/csuhr/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/csuhr/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/csuhr/.m2/repository/org/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/csuhr/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.18.3/jackson-databind-2.18.3.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.18.3/jackson-annotations-2.18.3.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.18.3/jackson-core-2.18.3.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/registry-common/2.1.0-SNAPSHOT/registry-common-2.1.0-SNAPSHOT.jar:/Users/csuhr/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/httpasyncclient/4.1.5/httpasyncclient-4.1.5.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/csuhr/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/csuhr/.m2/repository/org/apache/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/csuhr/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.2/jakarta.xml.bind-api-4.0.2.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.4/jaxb-impl-4.0.4.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.4/jaxb-core-4.0.4.jar:/Users/csuhr/.m2/repository/org/eclipse/angus/angus-activation/2.0.1/angus-activation-2.0.1.jar:/Users/csuhr/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.3/jakarta.activation-api-2.1.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.4.3/httpclient5-5.4.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.4/httpcore5-5.3.4.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/core5/httpcore5-h2/5.3.4/httpcore5-h2-5.3.4.jar:/Users/csuhr/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/csuhr/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/csuhr/.m2/repository/org/opensearch/client/opensearch-java/2.22.0/opensearch-java-2.22.0.jar:/Users/csuhr/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/csuhr/.m2/repository/org/eclipse/parsson/parsson/1.1.6/parsson-1.1.6.jar:/Users/csuhr/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/csuhr/.m2/repository/org/opensearch/client/opensearch-rest-client/2.12.0/opensearch-rest-client-2.12.0.jar:/Users/csuhr/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/csuhr/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar:/Users/csuhr/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/csuhr/.m2/repository/org/glassfish/jakarta.json/2.0.0/jakarta.json-2.0.0-module.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/opensearch/2.31.21/opensearch-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/protocol-core/2.31.21/protocol-core-2.31.21.jar:/Users/csuhr/.m2/repository/softwa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java.vm.vendor: Homebrew
sun.arch.data.model: 64
java.vendor.url: <https://github.com/Homebrew/homebrew-core/issues>
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java.vm.specification.version: 11
os.name: Mac OS X
user.country: US
sun.java.launcher: SUN_STANDARD
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sun.java.command: /Users/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/surefire/surefirebooter-20250529102839180_3.jar
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surefire.test.class.path: 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1.19.1.jar:/Users/csuhr/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/csuhr/.m2/repository/com/jamesmurty/utls/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/csuhr/.m2/repository/net/i harder/base64/2.3.8/base64-2.3.8.jar:/Users/csuhr/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-lang3/3.17.0/commons-lang3-3.17.0.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-compress/1.27.1/commons-compress-1.27.1.jar:/Users/csuhr/.m2/repository/commons-codec/commons-codec/1.17.1/commons-codec-1.17.1.jar:/Users/csuhr/.m2/repository/com/google/guava/guava/33.4.7-jre/guava-33.4.7-jre.jar:/Users/csuhr/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/csuhr/.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/csuhr/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/csuhr/.m2/repository/com/google/j2objc/j2objc-annotations/3.0.0/j2objc-annotations-3.0.0.jar:/Users/csuhr/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/csuhr/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/csuhr/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/csuhr/.m2/repository/org/apache/logging/log4j/log4j-core/2.24.3/log4j-core-2.24.3.jar:/Users/csuhr/.m2/repository/org/apache/logging/log4j/log4j-api/2.24.3/log4j-api-2.24.3.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/pds4-jparser/2.11.0/pds4-jparser-2.11.0.jar:/Users/csuhr/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/csuhr/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/csuhr/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/csuhr/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/csuhr/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-xjc/4.0.5/jaxb-xjc-4.0.5.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-csv/1.12.0/commons-csv-1.12.0.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/opencsv/5.5-SNAPSHOT/opencsv-5.5-SNAPSHOT.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-text/1.11.0/commons-text-1.11.0.jar:/Users/csuhr/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/csuhr/.m2/repository/gov/nasa/gsf/heasarc/nom-tam-fits/1.20.2/nom-tam-fits-1.20.2.jar:/Users/csuhr/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.8.6/spotbugs-annotations-4.8.6.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/vicario/48.0.3-SNAPSHOT/vicario-48.0.3-SNAPSHOT.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/csuhr/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/csuhr/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/csuhr/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/csuhr/.m2/repository/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/csuhr/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.18.3/jackson-databind-2.18.3.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.18.3/jackson-annotations-2.18.3.jar:/Users/csuhr/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.18.3/jackson-core-2.18.3.jar:/Users/csuhr/.m2/repository/gov/nasa/pds/registry-common/2.1.0-SNAPSHOT/registry-common-2.1.0-SNAPSHOT.jar:/Users/csuhr/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/httpasyncclient/4.1.5/httpasyncclient-4.1.5.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/csuhr/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/csuhr/.m2/repository/org/apache/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/csuhr/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.2/jakarta.xml.bind-api-4.0.2.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.4/jaxb-impl-4.0.4.jar:/Users/csuhr/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.4/jaxb-core-4.0.4.jar:/Users/csuhr/.m2/repository/org/eclipse/angus/angus-activation/2.0.1/angus-activation-2.0.1.jar:/Users/csuhr/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.3/jakarta.activation-api-2.1.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.4.3/httpclient5-5.4.3.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.4/httpcore5-5.3.4.jar:/Users/csuhr/.m2/repository/org/apache/httpcomponents/core5/httpcore5-h2/5.3.4/httpcore5-h2-5.3.4.jar:/Users/csuhr/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/csuhr/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/csuhr/.m2/repository/org/opensearch/client/opensearch-java/2.22.0/opensearch-java-2.22.0.jar:/Users/csuhr/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/csuhr/.m2/repository/org/eclipse/parsson/parsson/1.1.6/parsson-1.1.6.jar:/Users/csuhr/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/csuhr/.m2/repository/org/opensearch/client/opensearch-rest-client/2.12.0/opensearch-rest-client-2.12.0.jar:/Users/csuhr/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/csuhr/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar:/Users/csuhr/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/csuhr/.m2/repository/org/glassfish/jakarta.json/2.0.0/jakarta.json-2.0.0-module.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/opensearch/2.31.21/opensearch-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/protocol-core/2.31.21/protocol-core-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/aws-json-protocol/2.31.21/aws-json-protocol-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/third-party-jackson-core/2.31.21/third-party-jackson-core-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/http-auth-aws/2.31.21/http-auth-aws-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/checksums-spi/2.31.21/checksums-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/checksums/2.31.21/checksums-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/sdk-core/2.31.21/sdk-core-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/profiles/2.31.21/profiles-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/retries/2.31.21/retries-2.31.21.jar:/Users/csuhr/.m2/repository/org/reactivestreams/reactive-streams/1.0.4/reactive-streams-1.0.4.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/auth/2.31.21/auth-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/http-auth-aws-eventstream/2.31.21/http-auth-aws-eventstream-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/eventstream/eventstream/1.0.1/eventstream-1.0.1.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/http-auth-spi/2.31.21/http-auth-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/http-auth/2.31.21/http-auth-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/identity-spi/2.31.21/identity-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/http-client-spi/2.31.21/http-client-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/regions/2.31.21/regions-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/annotations/2.31.21/annotations-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/utls/2.31.21/utls-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/aws-core/2.31.21/aws-core-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/metrics-spi/2.31.21/metrics-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/json-utls/2.31.21/json-utls-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/endpoints-spi/2.31.21/endpoints-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/retries-spi/2.31.21/retries-spi-2.31.21.jar:/Users/csuhr/.m2/repository/software/amazon/awssdk/netty-nio-client/2.31.21/netty-nio-client-2.31.21.jar:/Users/csuhr/.m2/repository/io/netty/netty-codec-http/4.1.118.Final/netty-codec-http-

4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-codec-http2/4.1.118.Final/netty-codec-http2-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-codec/4.1.118.Final/netty-codec-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-transport/4.1.118.Final/netty-transport-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-common/4.1.118.Final/netty-common-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-buffer/4.1.118.Final/netty-buffer-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-handler/4.1.118.Final/netty-handler-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-transport-native-unix-common/4.1.118.Final/netty-transport-native-unix-common-4.1.118.Final.jar:/Users/csu/.m2/repository/io/netty/netty-transport-classes-epoll/4.1.118.Final/netty-transport-classes-epoll-4.1.118.Final.jar:/Users/csu/.m2/repository/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar:/Users/csu/.m2/repository/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar:
sun.cpu.endian: little
user.home: /Users/csu
user.language: en
java.specification.vendor: Oracle Corporation
java.version.date: 2025-01-21
java.home: /opt/homebrew/Cellar/openjdk@11/11.0.26/libexec/openjdk.jdk/Contents/Home
file.separator: /
basedir: /Users/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool
java.vm.compressedOopsMode: Zero based
line.separator:

java.specification.name: Java Platform API Specification
java.vm.specification.vendor: Oracle Corporation
java.awt.graphicsenv: sun.awt.CGraphicsEnvironment
data.home: /Users/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/.../model-ontology/src/ontology/Data
surefire.real.class.path: /Users/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/target/surefire/surefirebooter-20250529102839180_3.jar
sun.management.compiler: HotSpot 64-Bit Tiered Compilers
ftp.nonProxyHosts: local*.local[169.254/16]*.169.254/16
java.runtime.version: 11.0.26+0
user.name: csu
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/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool/src/test/resources/data/conf
localRepository: /Users/csu/.m2/repository
java.vendor.url.bug: <https://github.com/Homebrew/homebrew-core/issues>
java.io.tmpdir: /var/folders/lz/7mljvvn7r93pn5tfh9stf8m0000gp/T/
java.version: 11.0.26
user.dir: /Users/csu/Documents/pds/repos/GitHub.public/NASA-PDS/pds4-information-model/model-lddtool
os.arch: aarch64
java.vm.specification.name: Java Virtual Machine Specification
java.awt.printerjob: sun.lwawt.macosx.CPrinterJob
sun.os.patch.level: unknown
org.slf4j.simpleLogger.defaultLogLevel: DEBUG
java.library.path: /Users/csu/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:
java.vm.info: mixed mode
java.vendor: Homebrew
java.vm.version: 11.0.26+0
java.specification.maintenance.version: 3

Created On	5/29/2025
Completed	No

Passed	Blocked	Untested	Retest	Failed
100% (34/34)	0% (0/34)	0% (0/34)	0% (0/34)	0% (0/34)
Partial Pass	Conditional Pass	Deprecated		
0% (0/34)	0% (0/34)	0% (0/34)		

Test Cases

cucumber.CucumberTest 34

ID	Title	Assigned To	Status
T9228609	NASA-PDS pds4-information-model#752		Passed
T9228610	Verifying Iddtool output against specified assertions #4		Passed
T9228611	Comparing Iddtool output files to expected files #2		Passed
T9228612	Verifying Iddtool output against specified assertions #3		Passed
T9228613	Comparing Iddtool output files to expected files #4		Passed
T9228614	Verifying Iddtool output against specified assertions #5		Passed
T9228615	Verifying Iddtool output against specified assertions #2		Passed
T9228616	Comparing Iddtool output files to expected files #1		Passed
T9228617	Verifying Iddtool output against specified assertions #1		Passed
T9228618	NASA-PDS pds4-information-model#784a		Passed
T9228619	NASA-PDS pds4-information-model#797		Passed
T9228620	NASA-PDS pds4-information-model#753		Passed
T9228621	Comparing Iddtool output files to expected files #3		Passed
T9228622	NASA-PDS pds4-information-model#829		Passed
T9228623	NASA-PDS pds4-information-model#794		Passed
T9228624	NASA-PDS pds4-information-model#784b		Passed
T9228625	NASA-PDS pds4-information-model#823		Passed
T9228626	NASA-PDS pds4-information-model#795a		Passed
T9228627	NASA-PDS pds4-information-model#795b		Passed
T9228628	NASA-PDS pds4-information-model#894		Passed
T9228629	NASA-PDS pds4-information-model#830		Passed
T9228630	NASA-PDS pds4-information-model#852c		Passed
T9228631	NASA-PDS pds4-information-model#898		Passed
T9228632	NASA-PDS pds4-information-model#891		Passed
T9228633	NASA-PDS pds4-information-model#852a		Passed

T9228634	NASA-PDS pds4-information-model#852b	Passed
T9228635	NASA-PDS pds4-information-model#837	Passed
T9228636	NASA-PDS pds4-information-model#831	Passed
T9228637	NASA-PDS pds4-information-model#905	Passed
T9228638	NASA-PDS pds4-information-model#914	Passed
T9228639	NASA-PDS pds4-information-model#913b	Passed
T9228640	NASA-PDS pds4-information-model#911	Passed
T9228641	NASA-PDS pds4-information-model#913a	Passed
T9228642	NASA-PDS pds4-information-model#907	Passed

Created On					5/29/2025
Completed					No
Passed	Blocked	Untested	Retest	Failed	
100% (26/26)	0% (0/26)	0% (0/26)	0% (0/26)	0% (0/26)	
Partial Pass	Conditional Pass	Deprecated			
0% (0/26)	0% (0/26)	0% (0/26)			

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ID	Title	Assigned To	Status
T9228672	test_all		Passed
T9228673	test_before		Passed
T9228674	test_bundles		Passed
T9228675	test_collections		Passed
T9228676	test_after		Passed
T9228677	test_as_dataframe		Passed
T9228678	test_before_and_has_target		Passed
T9228679	test_within_range		Passed
T9228680	test_has_investigation		Passed
T9228681	test_within_bbox		Passed
T9228682	test_fields		Passed
T9228683	test_has_instrument_host		Passed
T9228684	test_empty_dataframe		Passed
T9228685	test_has_investigation		Passed
T9228686	test_has_processing_level		Passed
T9228687	test_collections_with_type		Passed
T9228688	test_get		Passed
T9228689	test_has_target		Passed
T9228690	test_filter		Passed
T9228691	test_has_instrument		Passed
T9228692	test_product_has_target_not_found_raise_warning		Passed
T9228693	test_products_with_target		Passed
T9228694	test_observationals		Passed
T9228695	test_products_of_collection		Passed
T9228696	test_query_modification_during_pagination		Passed

T9228697	test_has_target_mercury_observational	Passed
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R50462: B15.1 Validate Automated Tests Run

java.specification.version: 17
sun.jnu.encoding: UTF-8
java.class.path: /Users/jpadams/test/validate/target/test-classes:/Users/jpadams/.m2/repository/org/verapdf/validation-model-jakarta/1.28.1/validation-model-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/parser/1.28.1/parser-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/pdf-model/1.28.1/pdf-model-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/core-jakarta/1.28.1/core-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.28.1/verapdf-xmp-core-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/mozilla/rhino/1.7.13/rhino-1.7.13.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/jaxb-runtime/4.0.2/jaxb-runtime-4.0.2.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/jaxb-core/4.0.2/jaxb-core-4.0.2.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/txw2/4.0.2/txw2-4.0.2.jar:/Users/jpadams/.m2/repository/com/sun/istack/istack-commons-runtime/4.1.1/istack-commons-runtime-4.1.1.jar:/Users/jpadams/.m2/repository/net/java/dev/stax-utils/stax-utils/20070216/stax-utils-20070216.jar:/Users/jpadams/.m2/repository/org/verapdf/feature-reporting-jakarta/1.28.1/feature-reporting-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.28.1/metadata-fixer-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/net/sf/saxon/Saxon-HE/12.7/Saxon-HE-12.7.jar:/Users/jpadams/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3.jar:/Users/jpadams/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3-data.jar:/Users/jpadams/.m2/repository/commons-cli/commons-cli/1.9.0/commons-cli-1.9.0.jar:/Users/jpadams/.m2/repository/commons-configuration/commons-configuration/1.10/commons-configuration-1.10.jar:/Users/jpadams/.m2/repository/commons-collections/commons-collections/3.2.2/commons-collections-3.2.2.jar:/Users/jpadams/.m2/repository/commons-logging/commons-logging/1.3.4/commons-logging-1.3.4.jar:/Users/jpadams/.m2/repository/commons-lang/commons-lang/2.6/commons-lang-2.6.jar:/Users/jpadams/.m2/repository/commons-digester/commons-digester/2.1/commons-digester-2.1.jar:/Users/jpadams/.m2/repository/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar:/Users/jpadams/.m2/repository/com/google/code/gson/gson/2.13.1/gson-2.13.1.jar:/Users/jpadams/.m2/repository/com/google/errorprone/error_prone_annotations/2.38.0/error_prone_annotations-2.38.0.jar:/Users/jpadams/.m2/repository/org/jsoup/jsoup/1.20.1/jsoup-1.20.1.jar:/Users/jpadams/.m2/repository/commons-io/commons-io/2.19.0/commons-io-2.19.0.jar:/Users/jpadams/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/jpadams/.m2/repository/org/slf4j/slf4j-api/2.0.17/slf4j-api-2.0.17.jar:/Users/jpadams/.m2/repository/com/jamesmurty/utls/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/jpadams/.m2/repository/net/iq/aharder/base64/2.3.8/base64-2.3.8.jar:/Users/jpadams/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-lang3/3.17.0/commons-lang3-3.17.0.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-compress/1.27.1/commons-compress-1.27.1.jar:/Users/jpadams/.m2/repository/commons-codec/commons-codec/1.17.1/commons-codec-1.17.1.jar:/Users/jpadams/.m2/repository/com/google/guava/guava/33.4.8-jre/guava-33.4.8-jre.jar:/Users/jpadams/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/jpadams/.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/jpadams/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/jpadams/.m2/repository/com/google/j2objc/j2objc-annotations/3.0.0/j2objc-annotations-3.0.0.jar:/Users/jpadams/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/jpadams/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/jpadams/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/jpadams/.m2/repository/org/apache/logging/log4j/log4j-core/2.24.3/log4j-core-2.24.3.jar:/Users/jpadams/.m2/repository/org/apache/logging/log4j/log4j-api/2.24.3/log4j-api-2.24.3.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter/5.12.2/junit-jupiter-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-api/5.12.2/junit-jupiter-api-5.12.2.jar:/Users/jpadams/.m2/repository/org/opentest4j/opentest4j/1.3.0/opentest4j-1.3.0.jar:/Users/jpadams/.m2/repository/org/junit/platform/junit-platform-commons/1.12.2/junit-platform-commons-1.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-params/5.12.2/junit-jupiter-params-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-engine/5.12.2/junit-jupiter-engine-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-api/5.12.2/junit-jupiter-api-5.12.2.jar:/Users/jpadams/.m2/repository/org/cucumber/cucumber-java/7.22.2/cucumber-java-7.22.2.jar:/Users/jpadams/.m2/r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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
user.country: US
sun.java.launcher: SUN_STANDARD
sun.boot.library.path: /opt/homebrew/Cellar/openjdk@17/17.0.13/libexec/openjdk.jdk/Contents/Home/lib
sun.java.command: /Users/jpadams/test/validate/target/surefire/surefirebooter-20250530095352449_3.jar /Users/jpadams/test/validate/target/surefire 2025-05-30T09-53-52_380-jvmRun1 surefire-20250530095352449_1tmp surefire_0-20250530095352449_2tmp
jdk.debug: release
surefire.test.class.path: /Users/jpadams/test/validate/target/test-classes:/Users/jpadams/test/validate/target/classes:/Users/jpadams/.m2/repository/org/verapdf/validation-model-jakarta/1.28.1/validation-model-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/parser/1.28.1/parser-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/pdf-model/1.28.1/pdf-model-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/core-jakarta/1.28.1/core-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/verapdf-xmp-core-jakarta/1.28.1/verapdf-xmp-core-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/mozilla/rhino/1.7.13/rhino-1.7.13.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/jaxb-runtime/4.0.2/jaxb-runtime-4.0.2.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/jaxb-core/4.0.2/jaxb-core-4.0.2.jar:/Users/jpadams/.m2/repository/org/glassfish/jaxb/txw2/4.0.2/txw2-4.0.2.jar:/Users/jpadams/.m2/repository/com/sun/istack/istack-commons-runtime/4.1.1/istack-commons-runtime-4.1.1.jar:/Users/jpadams/.m2/repository/net/java/dev/stax-utils/stax-utils/20070216/stax-utils-20070216.jar:/Users/jpadams/.m2/repository/org/verapdf/feature-reporting-jakarta/1.28.1/feature-reporting-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/org/verapdf/metadata-fixer-jakarta/1.28.1/metadata-fixer-jakarta-1.28.1.jar:/Users/jpadams/.m2/repository/net/sf/saxon/Saxon-HE/12.7/Saxon-HE-12.7.jar:/Users/jpadams/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3.jar:/Users/jpadams/.m2/repository/org/xmlresolver/xmlresolver/5.3.3/xmlresolver-5.3.3-data.jar:/Users/jpadams/.m2/repository/commons-cli/commons-cli/1.9.0/commons-cli-1.9.0.jar:/Users/jpadams/.m2/repository/commons-configuration/commons-configuration/1.10/commons-configuration-1.10.jar:/Users/jpadams/.m2/repository/commons-collections/commons-collections/3.2.2/commons-collections-3.2.2.jar:/Users/jpadams/.m2/repository/commons-logging/commons-logging/1.3.4/commons-logging-1.3.4.jar:/Users/jpadams/.m2/repository/commons-lang/commons-lang/2.6/commons-lang-2.6.jar:/Users/jpadams/.m2/repository/commons-digester/commons-digester/2.1/commons-digester-2.1.jar:/Users/jpadams/.m2/repository/commons-beanutils/commons-beanutils/1.8.3/commons-beanutils-1.8.3.jar:/Users/jpadams/.m2/repository/com/google/code/gson/gson/2.13.1/gson-2.13.1.jar:/Users/jpadams/.m2/repository/com/google/errorprone/error_prone_annotations/2.38.0/error_prone_annotations-2.38.0.jar:/Users/jpadams/.m2/repository/org/jsoup/jsoup/1.20.1/jsoup-1.20.1.jar:/Users/jpadams/.m2/repository/commons-io/commons-io/2.19.0/commons-io-2.19.0.jar:/Users/jpadams/.m2/repository/org/slf4j/slf4j-nop/2.0.17/slf4j-nop-2.0.17.jar:/Users/jpadams/.m2/repository/org/slf4j/slf4j-api/2.0.17/slf4j-api-2.0.17.jar:/Users/jpadams/.m2/repository/com/jamesmurty/utls/java-xmlbuilder/1.3/java-xmlbuilder-1.3.jar:/Users/jpadams/.m2/repository/net/iharder/base64/2.3.8/base64-2.3.8.jar:/Users/jpadams/.m2/repository/commons-chain/commons-chain/1.2/commons-chain-1.2.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-lang3/3.17.0/commons-lang3-3.17.0.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-compress/1.27.1/commons-compress-1.27.1.jar:/Users/jpadams/.m2/repository/commons-codec/commons-codec/1.17.1/commons-codec-1.17.1.jar:/Users/jpadams/.m2/repository/com/google/guava/guava/33.4.8-jre/guava-33.4.8-jre.jar:/Users/jpadams/.m2/repository/com/google/guava/failureaccess/1.0.3/failureaccess-1.0.3.jar:/Users/jpadams/.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/jpadams/.m2/repository/org/jspecify/jspecify/1.0.0/jspecify-1.0.0.jar:/Users/jpadams/.m2/repository/com/google/j2objc/j2objc-annotations/3.0.0/j2objc-annotations-3.0.0.jar:/Users/jpadams/.m2/repository/xerces/xercesImpl/2.12.2/xercesImpl-2.12.2.jar:/Users/jpadams/.m2/repository/xml-apis/xml-apis/1.4.01/xml-apis-1.4.01.jar:/Users/jpadams/.m2/repository/xml-resolver/xml-resolver-patched/1.2.1/xml-resolver-patched-1.2.1.jar:/Users/jpadams/.m2/repository/org/apache/logging/log4j/log4j-core/2.24.3/log4j-core-2.24.3.jar:/Users/jpadams/.m2/repository/org/apache/logging/log4j/log4j-api/2.24.3/log4j-api-2.24.3.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter/5.12.2/junit-jupiter-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-api/5.12.2/junit-jupiter-api-5.12.2.jar:/Users/jpadams/.m2/repository/org/opentest4j/opentest4j/1.3.0/opentest4j-1.3.0.jar:/Users/jpadams/.m2/repository/org/junit/platform/junit-platform-commons/1.12.2/junit-platform-commons-1.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-params/5.12.2/junit-jupiter-params-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/jupiter/junit-jupiter-engine/5.12.2/junit-jupiter-engine-5.12.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-java/7.22.2/cucumber-java-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-core/7.22.2/cucumber-core-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-gherkin/7.22.2/cucumber-gherkin-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-gherkin-messages/7.22.2/cucumber-gherkin-messages-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/gherkin/32.1.1/gherkin-32.1.1.jar:/Users/jpadams/.m2/repository/io/cucumber/messages/27.2.0/messages-27.2.0.jar:/Users/jpadams/.m2/repository/io/cucumber/testng-xml-formatter/0.3.1/testng-xml-formatter-0.3.1.jar:/Users/jpadams/.m2/repository/io/cucumber/query/13.2.0/query-13.2.0.jar:/Users/jpadams/.m2/repository/io/cucumber/tag-expressions/6.1.2/tag-expressions-6.1.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-expressions/18.0.1/cucumber-expressions-18.0.1.jar:/Users/jpadams/.m2/repository/io/cucumber/datatable/7.22.2/datatable-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-plugin/7.22.2/cucumber-plugin-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/docstring/7.22.2/docstring-7.22.2.jar:/Users/jpadams/.m2/repository/io/cucumber/html-formatter/21.10.1/html-formatter-21.10.1.jar:/Users/jpadams/.m2/repository/io/cucumber/junit-xml-formatter/0.7.1/junit-xml-formatter-

0.7.1.jar:/Users/jpadams/.m2/repository/io/cucumber/ci-environment/10.0.1/ci-environment-10.0.1.jar:/Users/jpadams/.m2/repository/org/apiguardian/apiguardian-api/1.1.2/apiguardian-api-1.1.2.jar:/Users/jpadams/.m2/repository/io/cucumber/cucumber-junit/7.18.1/cucumber-junit-7.18.1.jar:/Users/jpadams/.m2/repository/junit/junit/4.13.2/junit-4.13.2.jar:/Users/jpadams/.m2/repository/org/hamcrest/hamcrest-core/1.3/hamcrest-core-1.3.jar:/Users/jpadams/.m2/repository/org/junit/vintage/junit-vintage-engine/5.12.2/junit-vintage-engine-5.12.2.jar:/Users/jpadams/.m2/repository/org/junit/platform/junit-platform-engine/1.12.2/junit-platform-engine-1.12.2.jar:/Users/jpadams/.m2/repository/gov/nasa/pds/pds4-jparser/2.11.0/pds4-jparser-2.11.0.jar:/Users/jpadams/.m2/repository/xalan/xalan/2.7.3/xalan-2.7.3.jar:/Users/jpadams/.m2/repository/xalan/serializer/2.7.3/serializer-2.7.3.jar:/Users/jpadams/.m2/repository/oro/oro/2.0.8/oro-2.0.8.jar:/Users/jpadams/.m2/repository/javax/media/jai-core/1.1.3/jai-core-1.1.3.jar:/Users/jpadams/.m2/repository/com/sun/media/jai-codec/1.1.3/jai-codec-1.1.3.jar:/Users/jpadams/.m2/repository/com/sun/xml/bind/jaxb-jxc/4.0.5/jaxb-jxc-4.0.5.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-csv/1.12.0/commons-csv-1.12.0.jar:/Users/jpadams/.m2/repository/gov/nasa/pds/opencsv/5.5-SNAPSHOT/opencsv-5.5-SNAPSHOT.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-text/1.11.0/commons-text-1.11.0.jar:/Users/jpadams/.m2/repository/org/apache/commons/commons-collections4/4.4/commons-collections4-4.4.jar:/Users/jpadams/.m2/repository/gov/nasa/gsf/heasarc/nom-tam-fits/1.20.2/nom-tam-fits-1.20.2.jar:/Users/jpadams/.m2/repository/com/github/spotbugs/spotbugs-annotations/4.8.6/spotbugs-annotations-4.8.6.jar:/Users/jpadams/.m2/repository/gov/nasa/pds/vicario/48.0.3-SNAPSHOT/vicario-48.0.3-SNAPSHOT.jar:/Users/jpadams/.m2/repository/gov/nasa/pds/pds3-product-tools/4.4.2/pds3-product-tools-4.4.2.jar:/Users/jpadams/.m2/repository/org/antlr/antlr/3.3/antlr-3.3.jar:/Users/jpadams/.m2/repository/org/antlr/antlr-runtime/3.3/antlr-runtime-3.3.jar:/Users/jpadams/.m2/repository/org/antlr/stringtemplate/3.2.1/stringtemplate-3.2.1.jar:/Users/jpadams/.m2/repository/antlr/antlr/2.7.7/antlr-2.7.7.jar:/Users/jpadams/.m2/repository/org/incava/java-diff/1.1.2/java-diff-1.1.2.jar:/Users/jpadams/.m2/repository/com/fasterxml/jackson/core/jackson-databind/2.19.0/jackson-databind-2.19.0.jar:/Users/jpadams/.m2/repository/com/fasterxml/jackson/core/jackson-annotations/2.19.0/jackson-annotations-2.19.0.jar:/Users/jpadams/.m2/repository/com/fasterxml/jackson/core/jackson-core/2.19.0/jackson-core-2.19.0.jar:/Users/jpadams/.m2/repository/gov/nasa/pds/registry-common/2.1.0-SNAPSHOT/registry-common-2.1.0-SNAPSHOT.jar:/Users/jpadams/.m2/repository/org/elasticsearch/client/elasticsearch-rest-client/8.14.3/elasticsearch-rest-client-8.14.3.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/httpasyncclient/4.1.5/httpasyncclient-4.1.5.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/httpcore-nio/4.4.13/httpcore-nio-4.4.13.jar:/Users/jpadams/.m2/repository/org/json/json/20240303/json-20240303.jar:/Users/jpadams/.m2/repository/org/apache/tika/tika-core/2.9.2/tika-core-2.9.2.jar:/Users/jpadams/.m2/repository/jakarta/xml/bind/jakarta.xml.bind-api/4.0.2/jakarta.xml.bind-api-4.0.2.jar:/Users/jpadams/.m2/repository/com/sun/xml/bind/jaxb-impl/4.0.5/jaxb-impl-4.0.5.jar:/Users/jpadams/.m2/repository/com/sun/xml/bind/jaxb-core/4.0.5/jaxb-core-4.0.5.jar:/Users/jpadams/.m2/repository/org/eclipse/angus/angus-activation/2.0.2/angus-activation-2.0.2.jar:/Users/jpadams/.m2/repository/jakarta/activation/jakarta.activation-api/2.1.3/jakarta.activation-api-2.1.3.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/client5/httpclient5/5.5/httpclient5-5.5.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/core5/httpcore5/5.3.4/httpcore5-5.3.4.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/core5/httpcore5-h2/5.3.4/httpcore5-h2-5.3.4.jar:/Users/jpadams/.m2/repository/org/mp4parser/isoparser/1.9.56/isoparser-1.9.56.jar:/Users/jpadams/.m2/repository/org/aspectj/aspectjrt/1.9.7/aspectjrt-1.9.7.jar:/Users/jpadams/.m2/repository/org/opensearch/client/opensearch-java/3.0.0/opensearch-java-3.0.0.jar:/Users/jpadams/.m2/repository/com/google/code/findbugs/jsr305/3.0.2/jsr305-3.0.2.jar:/Users/jpadams/.m2/repository/org/eclipse/parsson/parsson/1.1.7/parsson-1.1.7.jar:/Users/jpadams/.m2/repository/jakarta/json/jakarta.json-api/2.1.3/jakarta.json-api-2.1.3.jar:/Users/jpadams/.m2/repository/jakarta/json/bind/jakarta.json.bind-api/2.0.0/jakarta.json.bind-api-2.0.0.jar:/Users/jpadams/.m2/repository/jakarta/annotation/jakarta.annotation-api/1.3.5/jakarta.annotation-api-1.3.5.jar:/Users/jpadams/.m2/repository/org/eclipse/yasson/2.0.2/yasson-2.0.2.jar:/Users/jpadams/.m2/repository/org/glassfish/jakarta.json/2.0.0/jakarta.json-2.0.0-module.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/opensearch/2.31.50/opensearch-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/protocol-core/2.31.50/protocol-core-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/aws-json-protocol/2.31.50/aws-json-protocol-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/third-party-jackson-core/2.31.50/third-party-jackson-core-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/http-auth-aws/2.31.50/http-auth-aws-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/checksums-spi/2.31.50/checksums-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/checksums/2.31.50/checksums-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/sdk-core/2.31.50/sdk-core-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/profiles/2.31.50/profiles-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/retries/2.31.50/retries-2.31.50.jar:/Users/jpadams/.m2/repository/org/reactivestreams/reactive-streams/1.0.4/reactive-streams-1.0.4.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/auth/2.31.50/auth-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/http-auth-aws-eventstream/2.31.50/http-auth-aws-eventstream-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/eventstream/eventstream/1.0.1/eventstream-1.0.1.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/http-auth-spi/2.31.50/http-auth-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/http-auth/2.31.50/http-auth-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/identity-spi/2.31.50/identity-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/http-client-spi/2.31.50/http-client-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/regions/2.31.50/regions-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/annotations/2.31.50/annotations-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/utls/2.31.50/utls-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/aws-core/2.31.50/aws-core-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/metrics-spi/2.31.50/metrics-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/json-utls/2.31.50/json-utls-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/endpoints-spi/2.31.50/endpoints-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/retries-spi/2.31.50/retries-spi-2.31.50.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/netty-nio-client/2.31.50/netty-nio-client-2.31.50.jar:/Users/jpadams/.m2/repository/io/netty/netty-codec-http/4.1.118.Final/netty-codec-http-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-codec-http2/4.1.118.Final/netty-codec-http2-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-codec/4.1.118.Final/netty-codec-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-transport/4.1.118.Final/netty-transport-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-common/4.1.118.Final/netty-common-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-buffer/4.1.118.Final/netty-buffer-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-handler/4.1.118.Final/netty-handler-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-transport-native-unix

common/4.1.118.Final/netty-transport-native-unix-common-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-transport-classes-epoll/4.1.118.Final/netty-transport-classes-epoll-4.1.118.Final.jar:/Users/jpadams/.m2/repository/io/netty/netty-resolver/4.1.118.Final/netty-resolver-4.1.118.Final.jar:/Users/jpadams/.m2/repository/software/amazon/awssdk/apache-client/2.31.50/apache-client-2.31.50.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/httpclient/4.5.13/httpclient-4.5.13.jar:/Users/jpadams/.m2/repository/org/apache/httpcomponents/httpcore/4.4.16/httpcore-4.4.16.jar:
sun.cpu.endian: little
user.home: /Users/jpadams
user.language: en
java.specification.vendor: Oracle Corporation
java.version.date: 2024-10-15
java.home: /opt/homebrew/Cellar/openjdk@17/17.0.13/libexec/openjdk.jdk/Contents/Home
file.separator: /
basedir: /Users/jpadams/test/validate
java.vm.compressedOopsMode: Zero based
line.separator:

java.vm.specification.vendor: Oracle Corporation
java.specification.name: Java Platform API Specification
surefire.real.class.path: /Users/jpadams/test/validate/target/surefire/surefirebooter-20250530095352449_3.jar
sun.management.compiler: HotSpot 64-Bit Tiered Compilers
java.runtime.version: 17.0.13+0
user.name: jpadams
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/jpadams/test/validate/src/main/resources/util
localRepository: /Users/jpadams/.m2/repository
java.vendor.url.bug: <https://github.com/Homebrew/homebrew-core/issues>
java.io.tmpdir: /var/folders/7y/5wn5jqmx2v37tj9270z2nf3h0000gq/T/
java.version: 17.0.13
user.dir: /Users/jpadams/test/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/jpadams/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: 17.0.13+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

5/30/2025

Completed

No

Passed	Blocked	Untested	Retest	Failed
100% (261/261)	0% (0/261)	0% (0/261)	0% (0/261)	0% (0/261)
Partial Pass	Conditional Pass	Deprecated		
0% (0/261)	0% (0/261)	0% (0/261)		

Test Cases

cucumber.CucumberTest 261

ID	Title	Assigned To	Status
T9234020	NASA-PDS validate#1008-1		Passed
T9234021	NASA-PDS validate#1100-1		Passed
T9234022	NASA-PDS validate#992-2		Passed
T9234023	NASA-PDS validate#919-2		Passed
T9234024	NASA-PDS validate#1066-1		Passed
T9234025	NASA-PDS validate#919-1		Passed
T9234026	NASA-PDS validate#1028-1		Passed
T9234027	NASA-PDS validate#950-2		Passed
T9234028	NASA-PDS validate#992-1		Passed
T9234029	NASA-PDS validate#950-1		Passed
T9234030	NASA-PDS validate#915-1		Passed
T9234031	NASA-PDS validate#905-2		Passed
T9234032	NASA-PDS validate#861-1		Passed
T9234033	NASA-PDS validate#873-2		Passed
T9234034	NASA-PDS validate#857-1		Passed
T9234035	NASA-PDS validate#902-2		Passed
T9234036	NASA-PDS validate#849-1		Passed
T9234037	NASA-PDS validate#902-1		Passed
T9234038	NASA-PDS validate#873-1		Passed
T9234039	NASA-PDS validate#905-1		Passed
T9234040	NASA-PDS validate#849-2		Passed
T9234041	NASA-PDS validate#837-1		Passed
T9234042	NASA-PDS validate#824-1		Passed
T9234043	NASA-PDS validate#816-2		Passed
T9234044	NASA-PDS validate#822-1		Passed

T9234045	NASA-PDS validate#824-2	Passed
T9234046	NASA-PDS validate#823-1	Passed
T9234047	NASA-PDS validate#816-1	Passed
T9234048	NASA-PDS validate#837-2	Passed
T9234049	NASA-PDS validate#816-3	Passed
T9234050	NASA-PDS validate#831-1	Passed
T9234051	NASA-PDS validate#1135-1	Passed
T9234052	NASA-PDS validate#1130-1	Passed
T9234053	NASA-PDS validate#1118-1	Passed
T9234054	NASA-PDS validate#1090-1	Passed
T9234055	NASA-PDS validate#1129-1	Passed
T9234056	NASA-PDS validate#1158-1	Passed
T9234057	NASA-PDS validate#1104-2	Passed
T9234058	NASA-PDS validate#1104-1	Passed
T9234059	NASA-PDS validate#1100-1	Passed
T9234060	NASA-PDS validate#1104-3	Passed
T9234061	NASA-PDS validate#817-1	Passed
T9234062	NASA-PDS validate#781-1	Passed
T9234063	NASA-PDS validate#785-1	Passed
T9234064	NASA-PDS validate#755-2	Passed
T9234065	NASA-PDS validate#755-1	Passed
T9234066	NASA-PDS validate#684-2	Passed
T9234067	NASA-PDS validate#754-1	Passed
T9234068	NASA-PDS validate#690-1	Passed
T9234069	NASA-PDS validate#684-1	Passed
T9234070	NASA-PDS validate#693-1	Passed
T9234071	NASA-PDS validate#683-1	Passed

T9234072	NASA-PDS validate#681-1	Passed
T9234073	NASA-PDS validate#681-2	Passed
T9234074	NASA-PDS validate#671-1	Passed
T9234075	NASA-PDS validate#651-1	Passed
T9234076	NASA-PDS validate#680-2	Passed
T9234077	NASA-PDS validate#680-1	Passed
T9234078	NASA-PDS validate#681-3	Passed
T9234079	NASA-PDS validate#652-1	Passed
T9234080	NASA-PDS validate#649-1	Passed
T9234081	NASA-PDS validate#644-1	Passed
T9234082	NASA-PDS validate#631-1	Passed
T9234083	NASA-PDS validate#628-1	Passed
T9234084	NASA-PDS validate#611-1	Passed
T9234085	NASA-PDS validate#604-1	Passed
T9234086	NASA-PDS validate#614-1	Passed
T9234087	NASA-PDS validate#616-1	Passed
T9234088	NASA-PDS validate#599-1	Passed
T9234089	NASA-PDS validate#617-1	Passed
T9234090	NASA-PDS validate#605-1	Passed
T9234091	NASA-PDS validate#599-2	Passed
T9234092	NASA-PDS validate#599-3	Passed
T9234093	NASA-PDS validate#599-4	Passed
T9234094	NASA-PDS validate#597-2	Passed
T9234095	NASA-PDS validate#597-1	Passed
T9234096	NASA-PDS validate#597-3	Passed
T9234097	NASA-PDS validate#535-2	Passed
T9234098	NASA-PDS validate#533-1	Passed

T9234099	NASA-PDS validate#531-1	Passed
T9234100	NASA-PDS validate#531-2	Passed
T9234101	NASA-PDS validate#535-1	Passed
T9234102	NASA-PDS validate#529-1	Passed
T9234103	NASA-PDS validate#499-2	Passed
T9234104	NASA-PDS validate#499-1	Passed
T9234105	NASA-PDS validate#514-1	Passed
T9234106	NASA-PDS validate#482-4	Passed
T9234107	NASA-PDS validate#482-2	Passed
T9234108	NASA-PDS validate#482-3	Passed
T9234109	NASA-PDS validate#482-1	Passed
T9234110	NASA-PDS validate#482-5	Passed
T9234111	NASA-PDS validate#482-6	Passed
T9234112	NASA-PDS validate#480-1	Passed
T9234113	NASA-PDS validate#480-2	Passed
T9234114	NASA-PDS validate#447-1	Passed
T9234115	NASA-PDS validate#467-2	Passed
T9234116	NASA-PDS validate#444-1	Passed
T9234117	NASA-PDS validate#469-3	Passed
T9234118	NASA-PDS validate#435-1	Passed
T9234119	NASA-PDS validate#480-3	Passed
T9234120	NASA-PDS validate#469-2	Passed
T9234121	NASA-PDS validate#469-1	Passed
T9234122	NASA-PDS validate#467-1	Passed
T9234123	NASA-PDS validate#432-1	Passed
T9234124	NASA-PDS validate#419-1	Passed
T9234125	NASA-PDS validate#429-1	Passed

T9234126	NASA-PDS validate#416-3	Passed
T9234127	NASA-PDS validate#424-2	Passed
T9234128	NASA-PDS validate#427-1	Passed
T9234129	NASA-PDS validate#416-4	Passed
T9234130	NASA-PDS validate#416-2	Passed
T9234131	NASA-PDS validate#416-1	Passed
T9234132	NASA-PDS validate#424-1	Passed
T9234133	NASA-PDS validate#408-1	Passed
T9234134	NASA-PDS validate#392-1	Passed
T9234135	NASA-PDS validate#379-1	Passed
T9234136	NASA-PDS validate#380-1	Passed
T9234137	NASA-PDS validate#392-2	Passed
T9234138	NASA-PDS validate#376-1	Passed
T9234139	NASA-PDS validate#380-2	Passed
T9234140	NASA-PDS validate#401-1	Passed
T9234141	NASA-PDS validate#392-3	Passed
T9234142	NASA-PDS validate#375-1	Passed
T9234143	NASA-PDS validate#373-2	Passed
T9234144	NASA-PDS validate#368-1	Passed
T9234145	NASA-PDS validate#367-2	Passed
T9234146	NASA-PDS validate#373-1	Passed
T9234147	NASA-PDS validate#367-1	Passed
T9234148	NASA-PDS validate#367-5	Passed
T9234149	NASA-PDS validate#367-3	Passed
T9234150	NASA-PDS validate#367-6	Passed
T9234151	NASA-PDS validate#367-7	Passed
T9234152	NASA-PDS validate#367-4	Passed

T9234153	NASA-PDS validate#366-2	Passed
T9234154	NASA-PDS validate#367-8	Passed
T9234155	NASA-PDS validate#364-2	Passed
T9234156	NASA-PDS validate#367-9	Passed
T9234157	NASA-PDS validate#366-1	Passed
T9234158	NASA-PDS validate#364-1	Passed
T9234159	NASA-PDS validate#367-11	Passed
T9234160	NASA-PDS validate#367-10	Passed
T9234161	NASA-PDS validate#366-3	Passed
T9234162	NASA-PDS validate#367-12	Passed
T9234163	NASA-PDS validate#349-2	Passed
T9234164	NASA-PDS validate#357-2	Passed
T9234165	NASA-PDS validate#345-2	Passed
T9234166	NASA-PDS validate#345-1	Passed
T9234167	NASA-PDS validate#357-1	Passed
T9234168	NASA-PDS validate#357-3	Passed
T9234169	NASA-PDS validate#356-1	Passed
T9234170	NASA-PDS validate#357-4	Passed
T9234171	NASA-PDS validate#349-1	Passed
T9234172	NASA-PDS validate#356-2	Passed
T9234173	NASA-PDS validate#344-1	Passed
T9234174	NASA-PDS validate#343-1	Passed
T9234175	NASA-PDS validate#343-3	Passed
T9234176	NASA-PDS validate#343-2	Passed
T9234177	NASA-PDS validate#334-1	Passed
T9234178	NASA-PDS validate#335-1	Passed
T9234179	NASA-PDS validate#328-1	Passed

T9234180	NASA-PDS validate#335-2	Passed
T9234181	NASA-PDS validate#328-2	Passed
T9234182	NASA-PDS validate#334-2	Passed
T9234183	NASA-PDS validate#310-1	Passed
T9234184	NASA-PDS validate#325-1	Passed
T9234185	NASA-PDS validate#299-2	Passed
T9234186	NASA-PDS validate#299-1	Passed
T9234187	NASA-PDS validate#298-1	Passed
T9234188	NASA-PDS validate#308-1	Passed
T9234189	NASA-PDS validate#310-2	Passed
T9234190	NASA-PDS validate#303-2	Passed
T9234191	NASA-PDS validate#308-2	Passed
T9234192	NASA-PDS validate#303-1	Passed
T9234193	NASA-PDS validate#298-2	Passed
T9234194	NASA-PDS validate#297-1	Passed
T9234195	NASA-PDS validate#297-2	Passed
T9234196	NASA-PDS validate#294-1	Passed
T9234197	NASA-PDS validate#294-2	Passed
T9234198	NASA-PDS validate#292-4	Passed
T9234199	NASA-PDS validate#292-2	Passed
T9234200	NASA-PDS validate#292-3	Passed
T9234201	NASA-PDS validate#292-1	Passed
T9234202	NASA-PDS validate#292-5	Passed
T9234203	NASA-PDS validate#292-6	Passed
T9234204	NASA-PDS validate#292-7	Passed
T9234205	NASA-PDS validate#292-8	Passed
T9234206	NASA-PDS validate#291-1	Passed

T9234207	NASA-PDS validate#292-9	Passed
T9234208	NASA-PDS validate#291-2	Passed
T9234209	NASA-PDS validate#292-10	Passed
T9234210	NASA-PDS validate#292-12	Passed
T9234211	NASA-PDS validate#281-1	Passed
T9234212	NASA-PDS validate#292-11	Passed
T9234213	NASA-PDS validate#281-2	Passed
T9234214	NASA-PDS validate#281-3	Passed
T9234215	NASA-PDS validate#281-4	Passed
T9234216	NASA-PDS validate#281-5	Passed
T9234217	NASA-PDS validate#281-6	Passed
T9234218	NASA-PDS validate#278-1	Passed
T9234219	NASA-PDS validate#240-1	Passed
T9234220	NASA-PDS validate#230-1	Passed
T9234221	NASA-PDS validate#240-2	Passed
T9234222	NASA-PDS validate#278-2	Passed
T9234223	NASA-PDS validate#230-2	Passed
T9234224	NASA-PDS validate#217-1	Passed
T9234225	NASA-PDS validate#217-2	Passed
T9234226	NASA-PDS validate#217-3	Passed
T9234227	NASA-PDS validate#210-1	Passed
T9234228	NASA-PDS validate#173-1	Passed
T9234229	NASA-PDS validate#209-1	Passed
T9234230	NASA-PDS validate#209-2	Passed
T9234231	NASA-PDS validate#190-1	Passed
T9234232	NASA-PDS validate#209-3	Passed
T9234233	NASA-PDS validate#188-1	Passed

T9234234	NASA-PDS validate#173-2	Passed
T9234235	NASA-PDS validate#164-1	Passed
T9234236	NASA-PDS validate#164-2	Passed
T9234237	NASA-PDS validate#153-2	Passed
T9234238	NASA-PDS validate#137-2	Passed
T9234239	NASA-PDS validate#153-1	Passed
T9234240	NASA-PDS validate#137-1	Passed
T9234241	NASA-PDS validate#149-2	Passed
T9234242	NASA-PDS validate#87-1	Passed
T9234243	NASA-PDS validate#149-1	Passed
T9234244	NASA-PDS validate#84-1	Passed
T9234245	NASA-PDS validate#84-2	Passed
T9234246	NASA-PDS validate#71-1	Passed
T9234247	NASA-PDS validate#57-4	Passed
T9234248	NASA-PDS validate#57-3	Passed
T9234249	NASA-PDS validate#62-1	Passed
T9234250	NASA-PDS validate#62-2	Passed
T9234251	NASA-PDS validate#57-2	Passed
T9234252	NASA-PDS validate#57-1	Passed
T9234253	NASA-PDS validate#71-2	Passed
T9234254	NASA-PDS validate#51-1	Passed
T9234255	NASA-PDS validate#51-2	Passed
T9234256	NASA-PDS validate#47-1	Passed
T9234257	NASA-PDS validate#50-2	Passed
T9234258	NASA-PDS validate#28-1	Passed
T9234259	NASA-PDS validate#17-1	Passed
T9234260	NASA-PDS validate#50-1	Passed

T9234261	NASA-PDS validate#15-1	Passed
T9234262	NASA-PDS validate#17-2	Passed
T9234263	NASA-PDS validate#28-2	Passed
T9234264	NASA-PDS validate#47-2	Passed
T9234265	NASA-PDS validate#15-2	Passed
T9234266	NASA-PDS validate#11-1	Passed
T9234267	NASA-PDS validate#11-2	Passed
T9234268	NASA-PDS validate#9-1	Passed
T9234269	NASA-PDS validate#9-6	Passed
T9234270	NASA-PDS validate#9-2	Passed
T9234271	NASA-PDS validate#9-3	Passed
T9234272	NASA-PDS validate#11-3	Passed
T9234273	NASA-PDS validate#9-5	Passed
T9234274	NASA-PDS validate#9-4	Passed
T9234275	NASA-PDS validate#7-1	Passed
T9234276	NASA-PDS validate#6-2	Passed
T9234277	NASA-PDS validate#6-1	Passed
T9234278	NASA-PDS validate#6-3	Passed
T9234279	NASA-PDS validate#5-2	Passed
T9234280	NASA-PDS validate#5-1	Passed

Created On					5/29/2025
Completed					No
Passed	Blocked	Untested	Retest	Failed	
90% (43/48)	0% (0/48)	8% (4/48)	0% (0/48)	2% (1/48)	
Partial Pass	Conditional Pass	Deprecated			
0% (0/48)	0% (0/48)	0% (0/48)			

Test Cases 22

ID	Title	Assigned To	Status
T9228703	As a user, I want to all metadata attributes to be searchable		Passed
T9228704	Get all searchable properties from the registry api		Passed
T9228705	List product classes usable in the /classes/{class} end-point		Passed
T9228706	Select fields in response for lid/lidvid resolution		Passed
T9228707	Filter product on time using ISO8601 string		Passed
T9228708	As an API user, I want to be able to use the API for free text search		Passed
T9228709	Resolve a lid with the latest lidvid (without /latest suffix)		Passed
T9228710	Resolve lid with all related lidvid (/all suffix)		Passed
T9228711	Search by processing level		Passed
T9228712	Search product by target		Passed
T9228713	Search by reference		Passed
T9228714	Search for member-of a products, with kvp response		Passed
T9228715	Search for a product knowing its DOI		Passed
T9228716	get application/json response format by default if I request an API url in my browser		Untested
T9228717	NASA-PDS/registry-sweepers#58 legacy registry synchronization		Failed
T9228718	Csv response, single product, use as inner list separator		Passed
T9228719	As a user, I want to get a product description given a lidvid		Passed
T9228720	As a user, I want to get the latest version of a product given a lid		Passed
T9228721	As a user, I want to get all product versions associated to one lid		Passed
T9228727	As a user, I want to receive metadata only in the API responses (no binary blobs)		Passed
T9228734	Welcome page		Passed
T9228750	Get Json format from in browser request		Passed

Membership 8

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

ID	Title	Assigned To	Status
T9228722	registry-api#223 products/{id}/members		Passed
T9228723	registry-api#453 products/{id}/members/members		Passed
T9228724	registry-api#451/452 products/{id}/member-of		Passed
T9228725	registry-api#454 products/{id}/member-of/member-of		Passed
T9228726	registry-api#484 products/{id}/members default to latest-only		Passed
T9228728	registry-api#485 products/{id}/members/members default to latest-only		Passed
T9228729	registry-api#486 products/{id}/member-of default to latest-only		Passed
T9228730	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
T9228732	registry-api#461 classes basic behaviour		Untested
T9228733	registry-api#511 classes/{class} basic behaviour		Untested
T9228731	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
T9228735	registry-api#495 querystring supports AND		Passed
T9228736	registry-api#495 querystring supports OR		Passed
T9228737	registry-api#495 querystring supports NOT		Passed
T9228738	registry-api#495 querystring supports lowercase		Passed
T9228739	registry-api#494 querystring supports EQ		Passed
T9228740	registry-api#494 querystring supports NE		Passed
T9228741	registry-api#494 querystring supports GT		Passed
T9228742	registry-api#494 querystring supports LT		Passed
T9228743	registry-api#494 querystring supports GE		Passed
T9228744	registry-api#494 querystring supports LE		Passed
T9228745	registry-api#493 query string on /classes/{class} end points		Passed
T9228746	registry-api#492 query string on /products/{id}/member-of/member-of		Passed
T9228747	registry-api#491 queryString on /products/{identifier}/member-of		Passed
T9228748	registry-api#491 queryString on /products/{id}/members/members		Passed
T9228749	registry-api#298 queryString on /products/{id}/members		Passed