

Test Case DMS-TP-434: CRDS: Reference files have unique names [Version : 1]

Author: gunning - 02/04/2016 16:51:01

Summary:

This test procedure will verify DMS requirement DMS-681.

DMS-681 - All CRDS reference files shall have unique names.

Preconditions:

Connection to the internet is required.

Logout of any CRDS website you are currently logged into and close your browser (if open).

Login credentials for the DMS Build 5.0 CRDS server <https://jwst-crds-b5it.stsci.edu> (contact Todd Miller if you need log in credentials set up, or if you forgot your login)

<u>#:</u>	<u>Step actions:</u>	<u>Expected Results:</u>
1	Open an internet browser.	The browser window will open in your active desktop.
2	Navigate to https://jwst-crds-b5it.stsci.edu/	The JWST Calibration Reference Data System (CRDS) for Build 5.0 page will load.
3	At the top of the right hand side of the page, click the login button (looks like an opening door with a green arrow pointing to the right) next to the home button (looks like a house).	The browser will navigate to the login page.
4	Enter your relevant Username and Password and select: Lock instrument: 'niriss' Click 'login' Note: Do not save this password if your browser asks	With a successful login, you will be returned to the home page with a new column of options named 'Restricted Services'. At the top of the page you should also see {your username} niriss {count-down timer} under the navigation buttons at the top right of the page Note: The timer prevents a user from keeping an instrument locked even if the user is inactive. If a user is inactive for 4 hours on the site, it will release the instrument lock.
5	From the 'Restricted Services' list, click 'Batch Submit References'	The browser will navigate to https://jwst-crds-b5it.stsci.edu/batch_submit_references/
6	On the Submit Reference Files page, click the 'Upload Files' drop down.	The 'Upload Files' drop down will expand and have 4 color-coded buttons and one check box. From left to right the buttons read, Add files..., Start upload, Cancel upload, and Delete files. The check box says 'select all'.
7	Click the blue 'Add files' button	A navigation window will pop up
8	In the navigation window, navigate to: /grp/crds/aux/jwst/b5_test_files/dms_681/	In the navigation window you will see the following files in dms_681: jwst_niriss_mask_0004.fits jwst_niriss_mask_0100.fits jwst_niriss_mask_0101.fits my_ref1.fits
9	Click to select 'my_ref1.fits' Then click 'Choose'	my_ref1.fits has now been added to the 'Upload Files' drop down under the 4 buttons. The file will have two options next to it, 'Start' and 'Cancel'
10	Click, 'Start' next to my_ref1.fits to begin uploading the file to the server	The file will upload to the server
11	Set the following on the Batch Submit References page: Derive from Context: select 'Operational' Change Level: 'SEVERE' Creator: 'Todd Miller' Description: 'Test reference file. Testing file renaming' Auto-Rename: (checkbox should be checked)	Messages will print to the status submission window. With successful submission you will see green 'OK' next to the my_ref1.fits --> jwst_niriss_mask_0005.fits and jwst_niriss_mask_0005.rmap --> jwst_niriss_mask_0006.rmap.

	Compare Old Reference: (checkbox should be checked)	
	click, 'Submit References'	
12	Click 'Confirm' at the bottom left of the window	<p>'CONFIRMING... This may take a minute or two...'</p> <p>Submission confirmed.</p> <p>Starting context: jwst_0104.pmap</p> <p>Uploaded Files: my_ref1.fits --> jwst_niriss_mask_0005.fits</p> <p>Generated Files: jwst_0104.pmap --> jwst_0106.pmap jwst_niriss_0036.imap --> jwst_niriss_0037.imap jwst_niriss_mask_0005.rmap --> jwst_niriss_mask_0006.rmap</p> <p>You will receive a Collision Warning. This is ok and expected as both jwst_0105.pmap and jwst_0106.pmap were both derived from the Build 5.0 operational context jwst_0104.pmap. This is acceptable because we won't be updating the operational context.</p>
13	Verify that my_ref1.fits was renamed appropriately	<p>Uploaded Files: my_ref1.fits --> jwst_niriss_mask_0005.fits</p>
14	Click 'Home' at the bottom of the page	The browser will navigate back to the DMS Build 5.0 home page
15	Repeat steps 5-8	Navigation window will be open at /grp/crds/aux/jwst/b5_test_files/dms_681/
16	Click to select 'jwst_niriss_mask_0004.fits' Then click 'Choose'	jwst_niriss_mask_0004.fits has now been added to the 'Upload Files' drop down under the 4 buttons. The file will have two options next to it, 'Start' and 'Cancel'
17	Click, 'Start' next to jwst_niriss_mask_0004.fits to begin uploading the file to the server	The file will upload to the server
18	<p>Set the following on the Batch Submit References page:</p> <p>Derive from Context: select 'Operational' Change Level: 'SEVERE' Creator: 'Todd Miller' Description: 'Test reference file. Testing file renaming' Auto-rename: (check box should be unchecked) Compare Old Reference: (check box should be checked)</p> <p>Click, 'Submit References'</p>	<p>The browser will switch to the submission status window but return back to the Batch Submit Reference page.</p> <p>The file submission will fail</p> <p>Near the top right of the page in red you should see the message 'ERROR: File named 'jwst_niriss_mask_0004.fits' already exists.'</p>
19	Verify the file renaming failed, as expected.	'ERROR: File named 'jwst_niriss_mask_0004.fits' already exists'
20	On the Batch Submit Reference page, delete jwst_niriss_mask_0004.fits from the Upload Files drop down.	jwst_niriss_mask_0004.fits will be removed from the Upload Files drop down area.
21	On the Batch Submit Reference page, Click the blue 'Add files' button under the Upload files drop down.	The navigation window will pop up
22	If not already at /grp/crds/aux/jwst/b5_test_files/dms_681/ , navigate to that path	The navigation window will be at the dms_681 test file directory
23	Click to select 'jwst_niriss_mask_0100.fits' Then click, 'Choose'	jwst_niriss_mask_0100.fits has now been added to the 'Upload Files' drop down under the 4 buttons. The file will have two options next to it, 'Start' and 'Cancel'
	Click, 'Start' next to	

24	<p>jwst_niriss_mask_0100.fits to begin uploading the file to the server</p>	The file will upload to the server
25	<p>Set the following on the Batch Submit References page:</p> <p>Derive From Context: select 'Operational' Change Level: 'SEVERE' Creator: 'Todd Miller' Description: 'Test reference file. Testing file renaming' Auto-rename: (check box should be unchecked) Compare Old Reference: (check box should be checked)</p> <p>Reminder: DMS Build 5.0 operational context is jwst_0104.pmap</p>	<p>The browser will switch to the submission status window, print some messages, then navigate to the Batch Reference Submit Results page.</p>
26	<p>Verify that jwst_niriss_mask_0100.fits was not renamed but accepted for submission.</p>	<p>jwst_niriss_mask_0100.fits --> jwst_niris_mask_0100.fits OK</p>
27	<p>Click the 'confirm' button near the lower left of the page</p>	<p>CONFIRMING... This may take a minute or so to update the database.</p> <p>Note: Collision warnings are ok and expected.</p> <p>Submission will be confirmed.</p>
28	<p>On the submission confirmation page, click 'Next Submission'</p>	<p>The browser will navigate back to the Batch Submit Reference page</p>
29	<p>Click the blue 'Add files' button under the Upload Files drop down.</p>	<p>The navigation window will be be at the dms_681 test file directory</p>
30	<p>Click on 'jwst_niriss_mask_0101.fits' and click 'Choose' at the bottom right of the navigation window</p>	<p>jwst_niriss_mask_0101.fits has now been added to the 'Upload Files' drop down. The file will have two options next to it, 'Start' and 'Cancel'.</p>
31	<p>Click 'Start' next to jwst_niriss_mask_0101.fits to begin uploading the file to the server</p>	<p>The file will upload to the server</p>
32	<p>Set the following on the Batch Submit References page:</p> <p>Derive From Context: select 'Editing' Change Level: 'SEVERE' Creator: 'Todd Miller' Description: 'Test reference file. Testing file renaming' Auto-rename: (check box should be checked) Compare Old Reference: (check box should be checked)</p> <p>Click 'Submit References'</p>	<p>The browser will switch to the submission status window but return back to the Batch Submit Reference page.</p> <p>The submission is expected to fail</p> <p>Near the top right of the page in red you should see the message 'ERROR: Submitted file 'jwst_niriss_mask_0101.fits' is identical to existing files: 'jwst_niriss_mask_0100.fits'</p>
33	<p>Verify that jwst_niriss_mask_0101.fits was not renamed</p> <p>Note: If a file is identical to one already in the database, the renaming function should not occur</p>	<p>'ERROR: Submitted file 'jwst_niriss_mask_0101.fits' is identical to existing files: 'jwst_niriss_mask_0100.fits'</p> <p>Completion of this step verifies DMS requirement DMS-681. All CRDS reference files will have unique names.</p>
<u>Execution type:</u>		Manual
<u>Estimated exec. duration (min):</u>		
<u>Importance:</u>		Medium
<u>Cautionary Statement:</u>		N/A
<u>Facility:</u>		STScI
<u>Environment:</u>		JWST DMS Build 5.0 operational context: jwst_0104.pmap
<u>Run Date:</u>		N/A
		jwst_niriss_mask_0004.fits

Inputs:	jwst_niriss_mask_0100.fits jwst_niriss_mask_0101.fits my_ref1.fits
Outputs:	N/A
Test Case(s):	DMS-TC-3942
Prerequisites:	N/A
Notes:	N/A
Post Condition:	Logout and close browser window Archive input files
QA Approval Date:	
<u>Requirements</u>	DMS-681: CRDS Reference File Unique Names
<u>Keywords:</u>	CRDS Draft Build 5