

# SBDB CloseApproach API Test- PDF Report

24 Jun, 2021 10:10:05 AM

**Start : Jun 24, 10:09:20.611 AM**

**End : Jun 24, 10:09:54.092 AM**

**Duration : 33.481 s**

*Features*

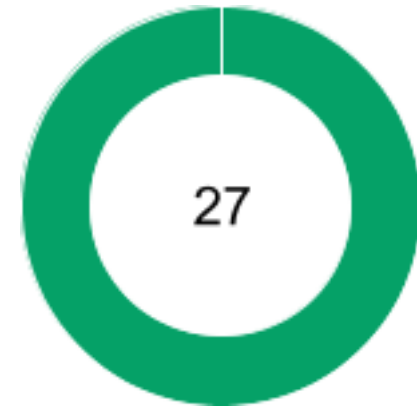
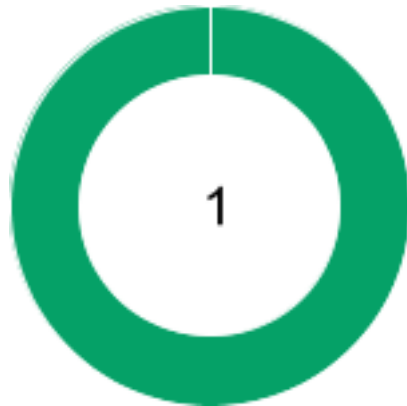
*Scenarios*

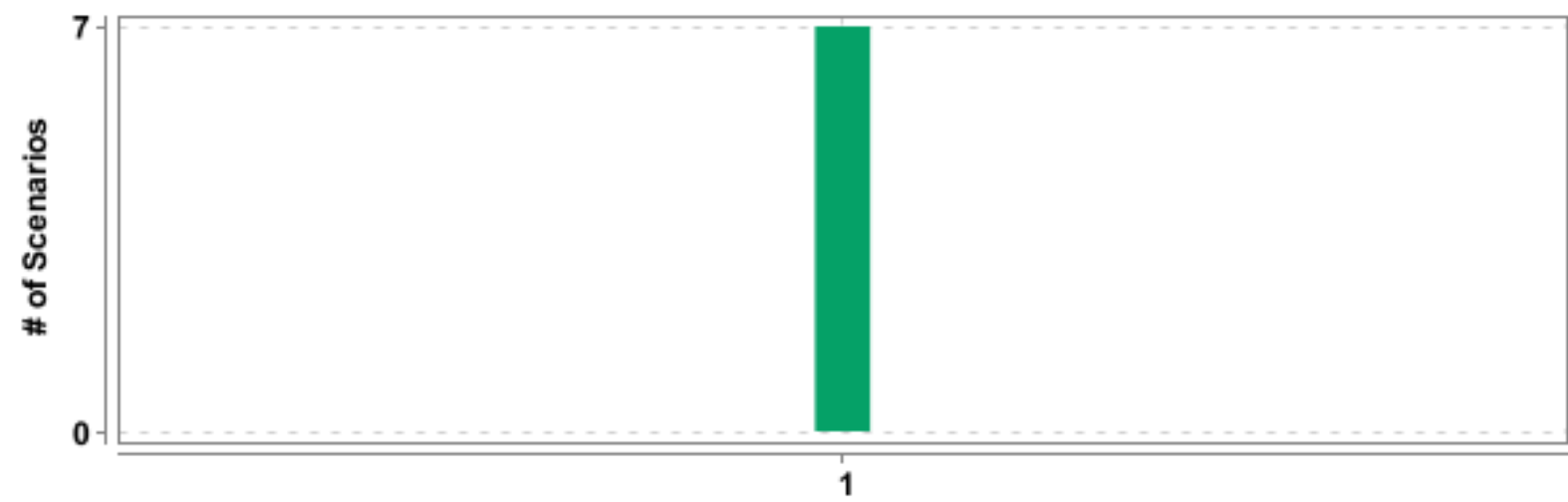
*Steps*

PASSED - 1  
FAILED - 0  
SKIPPED - 0

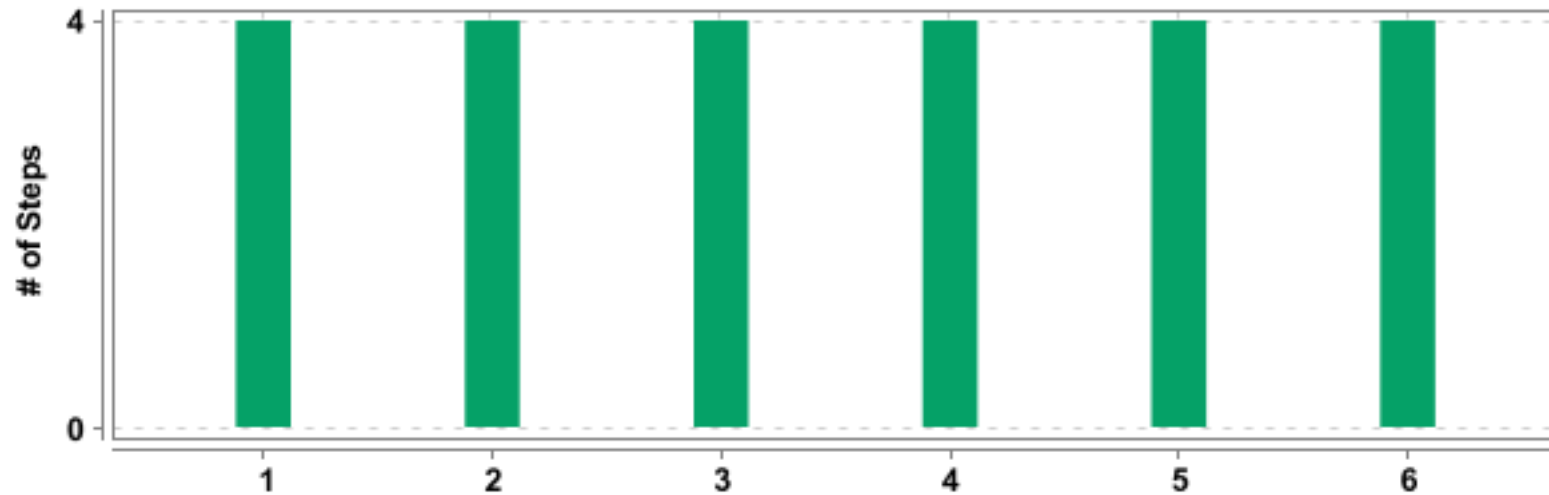
PASSED - 7  
FAILED - 0  
SKIPPED - 0

PASSED - 27  
FAILED - 0  
SKIPPED - 0

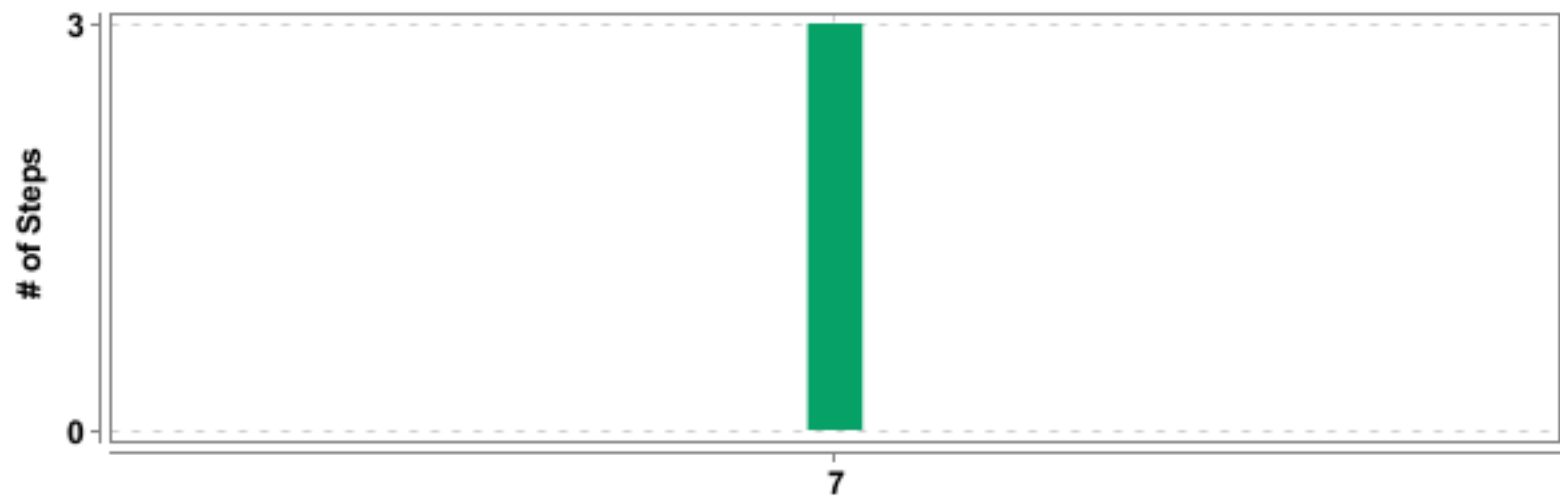




#	Feature Name	T	P	F	S	Duration
1	Validation of SBDB Close-Approach Data API.	7	7	0	0	33.481 s





#	Feature Name	Scenario Name	T	P	F	S	Duration
1	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the status code and Response time of DATA API response.</u>	4	4	0	0	12.753 s
2	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the Signature &amp; Source of DATA API response.</u>	4	4	0	0	3.639 s
3	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the number of asteroids approached to earth between Minimum date &amp; Maximum date.</u>	4	4	0	0	5.840 s
4	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the number of asteroids approached to earth between Minimum date &amp; Maximum date.</u>	4	4	0	0	5.211 s
5	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify when query is too restrictive &gt; Count should be come as 0.</u>	4	4	0	0	1.581 s
6	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the orbit Id of asteroid primary designation 433 in year 1900.</u>	4	4	0	0	2.438 s

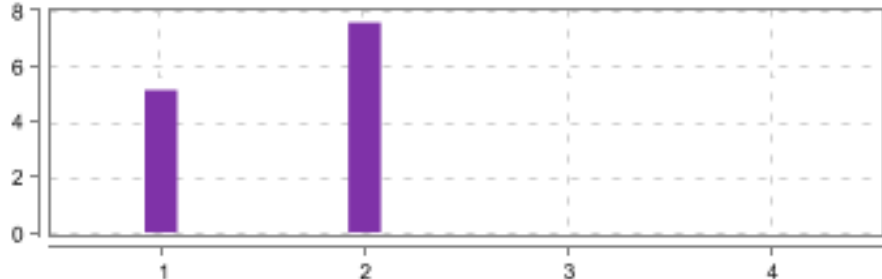



#	Feature Name	Scenario Name	T	P	F	S	Duration
7	<u>Validation of SBDB Close-Approach Data API.</u>	<u>Verify the output when user pass wrong value in data field.</u>	3	3	0	0	1.909 s

**(F)- Validation of SBDB Close-Approach Data API.**

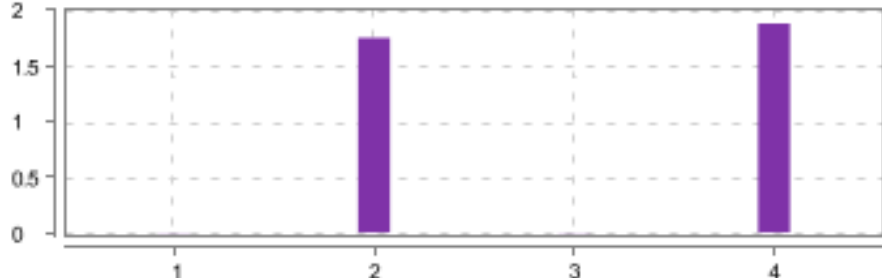

<b>PASSED</b>	<b>DURATION - 33.481 s</b>	Scenarios		Steps	
/ 10:09:20.611 AM // 10:09:54.092 AM /		Total - 7		Total - 27	
		Pass - 7		Pass - 27	
		Fail - 0		Fail - 0	
		Skip - 0		Skip - 0	

**(S)- Verify the status code and Response time of DATA API response.**

<b>PASSED</b>	<b>DURATION - 12.753 s</b>		Steps	
/ 10:09:20.624 AM // 10:09:33.377 AM /			Total - 4	
Validation of SBDB Close-Approach Data API.			Pass - 4	
@SMOKE @GET			Fail - 0	
			Skip - 0	

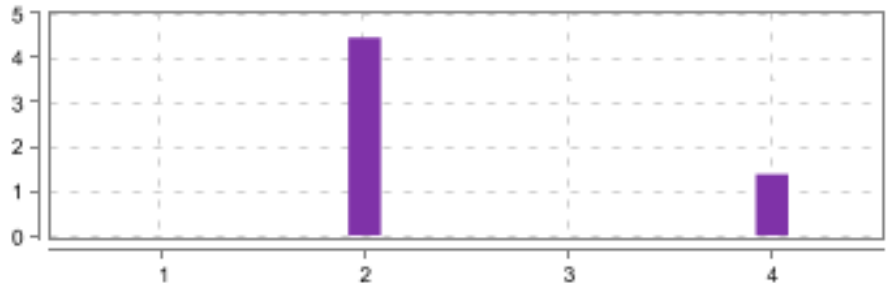

#	Step / Hook Details	Status	Duration
1	Given User set basePath URL "/cad.api"	PASSED	5.125 s
2	When User calls "GET" operation with https request	PASSED	7.557 s
3	Then User should get status code "200"	PASSED	0.004 s
4	And Response time should be less than "10" second	PASSED	0.006 s

**(S)- Verify the Signature & Source of DATA API response.**

<b>PASSED</b>		<b>DURATION - 3.639 s</b>			<div>Steps</div> <div>Total - 4</div> <div>Pass - 4</div> <div>Fail - 0</div> <div>Skip - 0</div>	
/ 10:09:33.390 AM // 10:09:37.029 AM /						
Validation of SBDB Close-Approach Data API.						
@GET						

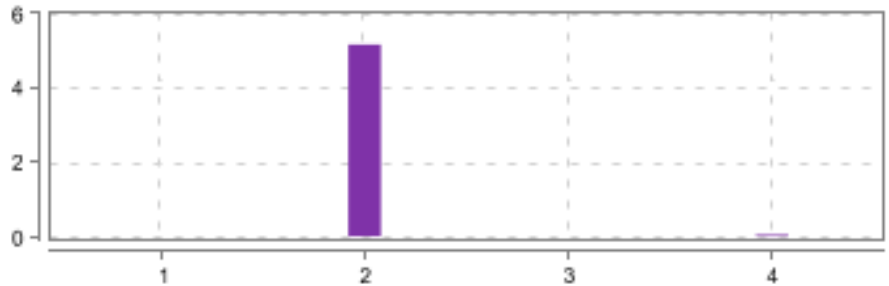

#	Step / Hook Details	Status	Duration
1	Given User set basePath URL "/cad.api"	PASSED	0.002 s
2	When User calls "GET" operation with https request	PASSED	1.752 s
3	Then User should get status code "200"	PASSED	0.003 s
4	And User should see booking Signature Version "1.3" and Source "NASA/JPL SBDB Close Approach Data API"	PASSED	1.880 s

### (S)- Verify the number of asteroids approached to earth between Minimum date & Maximum date.

<b>PASSED</b>	<b>DURATION - 5.840 s</b>		<b>Steps</b> Total - 4 Pass - 4 Fail - 0 Skip - 0	
/ 10:09:37.042 AM // 10:09:42.882 AM /				
Validation of SBDB Close-Approach Data API.				
@GET				

#	Step / Hook Details	Status	Duration
1	Given User set basePath URL "/cad.api"	PASSED	0.001 s
2	When User calls "GET" operation with query parameters Min Date "2010-01-01" Max Date "2011-01-01" Max Distance "1LD"	PASSED	4.452 s
3	Then User should get status code "200"	PASSED	0.003 s
4	And User should see count as "23"	PASSED	1.377 s

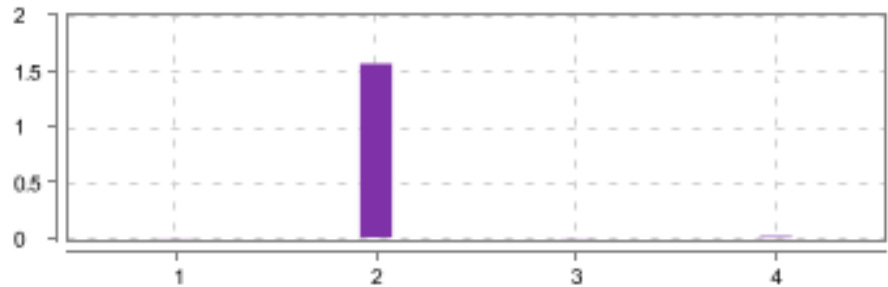

### (S)- Verify the number of asteroids approached to earth between Minimum date & Maximum date.

<b>PASSED</b>	<b>DURATION - 5.211 s</b>		<b>Steps</b> Total - 4 Pass - 4 Fail - 0 Skip - 0	
/ 10:09:42.891 AM // 10:09:48.102 AM /				
Validation of SBDB Close-Approach Data API.				
@GET				

#	Step / Hook Details	Status	Duration
1	Given User set basePath URL "/cad.api"	PASSED	0.001 s
2	When User calls "GET" operation with query parameters Min Date "2018-01-01" Max Date "2020-01-01" Max Distance "1LD"	PASSED	5.159 s
3	Then User should get status code "200"	PASSED	0.003 s

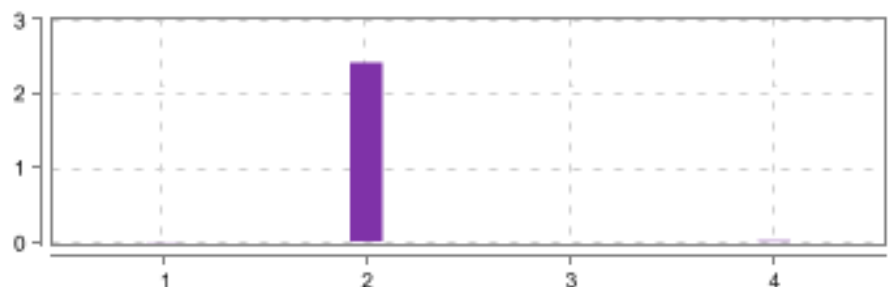

#	Step / Hook Details	Status	Duration
4	And User should see count as "162"	PASSED	0.043 s

**(S)- Verify when query is too restrictive > Count should be come as 0.**

<div>PASSED</div>	<div>DURATION - 1.581 s</div>	<div></div>	<div>Steps</div> <div>Total - 4</div> <div>Pass - 4</div> <div>Fail - 0</div> <div>Skip - 0</div>	<div></div>
/ 10:09:48.117 AM // 10:09:49.698 AM /				
Validation of SBDB Close-Approach Data API.				
@GET				

#	Step / Hook Details	Status	Duration						
1	Given User set basePath URL "/cad.api"	PASSED	0.002 s						
2	When User calls "GET" operation with query parameters	PASSED	1.563 s						
	<table><tr><td>des</td><td>date-min</td><td>dist-max</td></tr><tr><td>433</td><td>2018-01-01</td><td>10LD</td></tr></table>			des	date-min	dist-max	433	2018-01-01	10LD
des	date-min			dist-max					
433	2018-01-01	10LD							
3	Then User should get status code "200"								
4	And User should see count as "0"	PASSED	0.012 s						

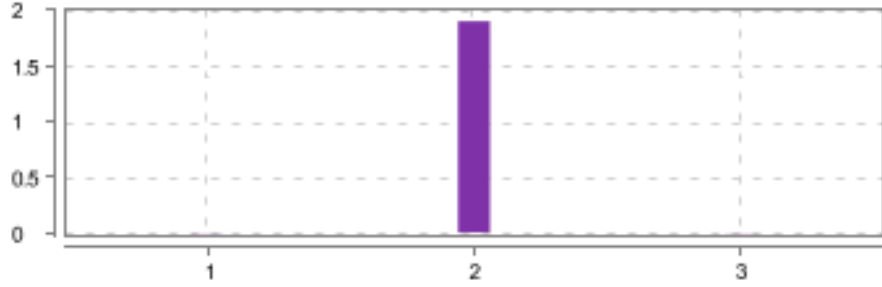

**(S)- Verify the orbit Id of asteroid primary designation 433 in year 1900.**

<b>PASSED</b>		<b>DURATION - 2.438 s</b>			<b>Steps</b> Total - 4 Pass - 4 Fail - 0 Skip - 0		
/ 10:09:49.724 AM // 10:09:52.162 AM /							
Validation of SBDB Close-Approach Data API.							
@GET							

#	Step / Hook Details	Status	Duration						
1	Given User set basePath URL "/cad.api"	PASSED	0.003 s						
2	When User calls "GET" operation with query parameters with asteroid primary designation	PASSED	2.414 s						
	<table border="1"> <tr> <td>des</td><td>date-min</td><td>date-max</td><td>dist-max</td></tr> <tr> <td>433</td><td>1990-01-01</td><td>1990-01-01</td><td>100LD</td></tr> </table>			des	date-min	date-max	dist-max	433	1990-01-01
des	date-min	date-max	dist-max						
433	1990-01-01	1990-01-01	100LD						

#	Step / Hook Details	Status	Duration
3	Then User should get status code "200"	PASSED	0.002 s
4	And User should see Orbit ID as "659"	PASSED	0.013 s

### (S)- Verify the output when user pass wrong value in data field.

<b>PASSED</b>		DURATION - 1.909 s			Steps Total - 3 Pass - 3 Fail - 0 Skip - 0			
/ 10:09:52.183 AM // 10:09:54.092 AM /								
Validation of SBDB Close-Approach Data API.								
@NEGATIVE @GET								

#	Step / Hook Details	Status	Duration						
1	Given User set basePath URL "/cad.api"	PASSED	0.002 s						
2	When User calls "GET" operation with query parameters <table><tr><td>des</td><td>date-min</td><td>dist-max</td></tr><tr><td>433</td><td>2018-01-011</td><td>10LD</td></tr></table>	des	date-min	dist-max	433	2018-01-011	10LD	PASSED	1.901 s
des	date-min	dist-max							
433	2018-01-011	10LD							
3	Then User should get status code "400"	PASSED	0.002 s						