Data Exchange

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Description

The Data Exchange feature consists of the following sections:

- Data Exchange UI
 - ID/Pedigree
 - Evaluation
 - Genotype
 - Errors
 - Progeny
 - Lactation
 - Herd
 - Special Section
 - Reports
 - Calving EaseCreate Format
- Working with 3rd Parties clients (Postman)
 - Run with Input JSON from Data Exchange UI
 - Run the same Query but for another input file uploaded through the API

This guide describes the features of the Data Exchange and its supported functions.

Note: The features will be hidden/shown when the user has proper access permissions.

Part 1: Data Exchange UI

Step 1: Login successfully on https://40.142.54.172/

Queries Special Section Top Animal Listing Summary Stats National Performance Metrics Login



COLLABORATOR LOGIN					
Username or Email					
Enter Username/Email					
Password					
Password					
Forgot Password? Register New Accourt	?				

WARNING: This system is for the use of authorized users only. Individuals using this computer system without authority, or in excess of their authority, are subject to having all of their activities on this system monitored and recorded by system personnel. In the course of monitoring individuals improperly using this system, or in the course of system maintenance, the activities of authorized users may also be monitored.

LOGIN

There are 2 places having a link to Data Exchange

• On the navigation, Data Exchange is between Queries and Special Section.

CDCB	Queries Data Ex	:hange ▼ Special Section ▼	Top Animal Listing	Summary Stats 👻 Administration	 National Performance Metrics Logout
	ID/Pedigr	e			
	Evaluation				
	Genotype	CLIAN			
	Progeny	KCHAN	IGE – ID/I	PEDIGREE	
	Lactation		A CONTRACTOR		
	Errors				
	Herd				
SEARCH FOR:	Animal ID (17 byt Special Se	ction	API REQUES	ST: Select Query Options	^
	Reports				
		No	File Chosen		
		Drag and Drop Maximum	o to UpLoad or <mark>Browse for a</mark> upload file size: 5MB	1 File	
	INPUT: An A	Cll Text File(.txt) including Anim	al ID with one entry per line	e (E.g, HOUSA000069998491)	
		Get JSON File(s)	Clear	\supset	

Dashboard	
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• On the queries page, there is a link to Data Exchange, it will navigate to Data Exchange - Evaluation by default



Procedure 1: Data Exchange: ID/Pedigree

Step 1: Click on the Data Exchange on the Navigate menu > ID/Pedigree

This page allows the user to export JSON files with ID/Pedigree Data

CLCB	Queries	Data Exchange 🔻	Special Section -	Top Animal Listing	Summary Stats 👻 Administratio	National Performance Metrics	Logout
COUNCIL ON DAIRY CATTLE BREEDING		ID/Pedigree					
		Evaluation		Jan y			
		Genotype	51				
		Progeny	KCHAN	GE – ID/	PEDIGREE		
		Lactation		A CONTRACTOR			
		Errors					
		Herd					
SEARCH FOR:	Animal ID (17 byt	Special Section	-	API REQUE	ST: Select Query Options		^
		Reports					
		•	No	File Chosen			
			Drag and Drop	to UpLoad or <u>Browse for</u> upload file size: 5MB	<u>a File</u>		
	11	NPUT: An ASCII Text File	e(.txt) including Anima	I ID with one entry per lin	e (E.g, HOUSA000069998491)		
		(Get JSON File(s)	Clear	\supset		

Step 2: The user selects an option 'SEARCH FOR' dropdown list.



Queries Data Exchange - Special Section - Top Animal Listing Summary Stats - Administration - National Performance Metrics Logout

	DATA EXCH	IANGE - ID/PEDIGREE	
SEARCH FOR:	Animal ID (17 bytes)	API REQUEST: Select Query Options	^
	Animal ID (12 bytes)		
	Animal ID (17 bytes)	No File Chosen	
	Animal Interbull ID (19 bytes)	Drop to UpLoad or <u>Browse for a File</u>	
	NAAB Code	num upload file size: 5MB	
	Partial Full Name	nimal ID with one entry per line (E.g. HOUSA000069998491)	
	Get JSC	VN File(s) Clear	

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Step 3: Selecting an opt	ion for 'SEARCH FOR', 'A	API REQUEST' will be shown based on change * Special Section * Top Animal Listing Sum	'SEARCH FOR'	ice Metrics Logout
	DAT	A EXCHANGE - ID/PI	EDIGREE	
SEARCH F	OR: Animal ID (17 bytes)	API REQUEST:	Select Query Options	^
		No File Chosen	Q Select All	
		Drag and Drop to UpLoad or Browse for a File	Get Animal 5-Generation Pedigrees	
		Maximum upload file size: 5MB	Get Animal Aliases	
	INPUT: An AS	SCII Text File(.txt) including Animal ID with one entry per line (E.g.	Get Animal Formatted-Pedigree Information	
		Get JSON File(s) Clear	Get Bull-Owner Names and Addresses	
			from Keys or ID	
Dashboard				
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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box

	Queries Data Excha	inge 🔨 Special Section 👻 Top Animal Listing Summary Stats 🌱 Administration 🌱 National Performance Metrics Logout	t
	DATA	EXCHANGE - ID/PEDIGREE	
SEARCH FO	R: Animal ID (17 bytes)		^
		_TEST_2000_ANIMALS.txt	
		Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: 5MB	
	INPUT: An ASCII	Text File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Get JSON File(s) Clear	

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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

D	ATA EXCHANG	E – ID/PEDIGRE	E	
				10
SEARCH FOR: Animal ID (17 bytes)	•	API REQUEST: All Item(s) 🗙		
Data Exchange Request				
2021_October_26_User_Request_533 Total: 6				
			Completed	6/6 😮 🛓
Start: 26-Oct-2021 22:43:41		End: 26	6-Oct-2021 22:44:25	6/6 🔇 🛓
Start: 26-Oct-2021 22:43:41		End: 26	Completed 5-Oct-2021 22:44:25	6/6 🔞 🛓
Start: 26-Oct-2021 22:43:41	Start	End: 26 End	6-Oct-2021 22:44:25 Status	16/6 😮 🛓
Start: 26-Oct-2021 22:43:41 Name Get Animal 5-Generation Pedigrees	Start 26-Oct-202122:43:43	End: 26 End 26-Oct-2021 22:44:13	6-Oct-2021 22:44:25 Status COMPLETED (89.04%)	6/6 😮 🛓
Start: 26-Oct-2021 22:43:41 Name Get Animal 5-Generation Pedigrees Get Animal Aliases	Start 26-Oct-2021 22:43:43 26-Oct-2021 22:44:13	End: 26 End 26-Oct-2021 22:44:13 26-Oct-2021 22:44:15	5-Oct-2021 22:44:25 Status COMPLETED (89.04%) COMPLETED (89.04%)	6/6 📀 🛓
Start: 26-Oct-2021 22:43:41 Name Get Animal 5-Generation Pedigrees Get Animal Aliases Get Animal Formatted-Pedigree Information	Start Content 26-Oct-2021 22:43:43 Content 26-Oct-2021 22:44:13 Content 26-Oct-2021 22:44:13 Content 26-Oct-2021 22:44:13	End: 26 End 26-Oct-2021 22:44:13 26-Oct-2021 22:44:20	6-Oct-2021 22:44:25 Status COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (89.04%)	6/6 😮 🛓
Start: 26-Oct-2021 22:43:41 Name Get Animal 5-Generation Pedigrees Get Animal Aliases Get Animal Formatted-Pedigree Information Get Bull-Owner Names and Addresses	Start Start	End: 26 End 26-Oct-2021 22:44:13 26-Oct-2021 22:44:20 26-Oct-2021 22:44:20 26-Oct-2021 22:44:21	5-Oct-2021 22:44:25 Status COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (46.75%)	666 📀 🛓
Start: 26-Oct-2021 22:43:41 Name Get Animal 5-Generation Pedigrees Get Animal Aliases Get Animal Formatted-Pedigree Information Get Bull-Owner Names and Addresses Get Cow Herd and Cow Control Numbers from Keys or ID	Start 26-Oct-2021 22:43:43 26-Oct-2021 22:44:13 26-Oct-2021 22:44:15 26-Oct-2021 22:44:15 26-Oct-2021 22:44:20 26-Oct-2021 22:44:21	End: 26 Cend 26-Oct-2021 22:44:13 26-Oct-2021 22:44:20 26-Oct-2021 22:44:21 26-Oct-2021 22:44:21 26-Oct-2021 22:44:25	6-Oct-2021 22:44:25 Status COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (89.04%) COMPLETED (46.75%) COMPLETED (0.45%)	666 😮 🕹

Procedure 2: Data Exchange: Evaluation

Step 1: Click on the Data Exchange on the Navigate menu > Evaluation

This page allows the user to export JSON files with Evaluation Data



Dashboard	
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Step 2: The user selects an option 'SEARCH	FOR' dropdown list.
Queries Dat	ta Exchange 🔨 Special Section 👻 Top Animal Listing Summary Stats 🎽 Administration 🌱 National Performance Metrics Logout
DA	TA EXCHANGE - EVALUATION
SEARCH FOR: Animal ID (17 bytes)	SEX Male Female API REQUEST: Select Query Options
Animal ID (17 bytes)	No File Chosen
	Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: 5MB
INPUT:	An ASCII Text File(txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Get JSON File(s) Clear

Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'



Queries Data Exchange 👻 Special Section 👻 Top Animal Listing Summary Stats 🍸 Administration 🍸 National Performance Metrics Logout

	DATA	EXCHANGE -	EVALUAT	ION	NI
SEARCH FOR:	Animal ID (17 bytes)	SEX Male Fer	nale API REQUEST:	Select Query Options	
		No File Chosen		Q Select All	
		Drag and Drop to UpLoad or	Browse for a File	Official Bull Evaluation	
	INPUT: An ASCII	Text File(.txt) including Animal ID with one er	ntry per line (E.g, HOUSA0000	Historical Official Bull Evaluation Bull Type Evaluations (colored breeds	
		Get JSON File(s)	Clear	Bull Type Composite Evaluation (for AY, BS, GU, and MS)	

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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box

	Queries Data Exchange 🔨 Special Section 👻 Top Animal Listing Summary Stats 🌱 Administration 🎽 National Performance Metrics Logout
	DATA EXCHANGE - EVALUATION
SEARCH FOR:	Animal ID (17 bytes) • SEX • Male Female API REQUEST: All Item(s) ×
	_TEST_2000_ANIMALS.txt
	Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: SMB
	INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Get JSON File(s) Clear

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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

DAT	A EXCHANGE - E	VALUATION	R		
SFARCH FOR: Animal ID (17 hytes)	SEX Male Female	API REQUEST: All Item(s) ×	TIN		
Data Exchange Request					
2021_October_26_User_Request_536 Total: 6					
Start: 26-Oct-2021 23:19:29		E	ind:	J/6 💟 🚢	
Name	Start	End	Status		
Official Bull Evaluation	26-Oct-2021 23:19:30		RUNNING	💩 😣 🔶	
Historical Official Bull Evaluation			IN QUEUE	6 8	
Bull Type Evaluations (colored breeds only)			IN QUEUE	1	
Bull Type Composite Evaluation (for AY, BS, GU, and MS)			IN QUEUE	₫ 8	
Interbull Evaluation			IN QUEUE	💩 😣 🔽	^
Interbull Type Evaluation			IN OUEUE		Γ

Procedure 3: Data Exchange: Genotype

Step 1: Click on the Data Exchange on the Navigate menu > Genotype

This page allows the user to export JSON files with Genotype Data

CDCB	Querie	s Data Exchange ▼	Special Section -	Top Animal Listing Sum	nmary Stats 👻 Administration 👻	National Performance Metrics Log	gout
COUNCIL ON DARY CATTLE BREEDING		ID/Pedigree		S. C. Salar		a a the	
		Evaluation	and the second		17 a.m. 1		
		Genotype					
along the second second second		Progeny	XCHAI	NGE – GEN	NOTYPE		
		Lactation			March March		
		Errors					
		Herd					
SEARCH FOR:	Animal ID (17 byt	Special Section	-	API REQUEST:	Select Query Options		^
		Reports					
			No	File Chosen			
			Drag and Drop Maximum	to UpLoad or <mark>Browse for a File</mark> upload file size: 5MB	<u>e</u>		
		INPUT: An ASCII Text Fi	ile(.txt) including Anima	ID with one entry per line (E.	.g, HOUSA000069998491)		
			Get JSON File(s)	Clear	\supset		

Step 2: The user selects an option 'SEARCH FOR' dropdown list.



Queries Data Exchange - Special Section - Top Animal Listing Summary Stats - Administration - National Performance Metrics Logout

	DATA EXCH	IANGE – GENOTYPE	
SEARCH FOR:	Animal ID (17 bytes)	API REQUEST: Select Query Options	•
	Animal ID (17 bytes)		
	Sample ID (20 bytes max)	No File Chosen	
	Drag and	nd Drop to UpLoad or <u>Browse for a File</u>	
	Maxi	ximum upload file size: SMB	
	INPUT: An ASCII Text File(.txt) including.	g Animal ID with one entry per line (E.g. HOUSA000069998491)	
	Get JSON Fi	File(s) Clear	

Dashboard				
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Step 3: Selecting an option	for 'SEARCH FOR', 'AF	PI REQUEST' will be shown based on '	'SEARCH FOR'	ice Metrics Logout
	DAT	A EXCHANGE – GEN	ΙΟΤΥΡΕ	6.17
SEARCH FOR:	Animal ID (17 bytes)	✓ API REQUEST:	Select Query Options	^
		No File Change	[I Q	
		No File Chosen	Select All	
		Drag and Drop to UpLoad or Browse for a File	Genotype Nomination Status	
		Maximum upload file size: 5MB	Genotype Query	
	INPUT: An ASC	II Text File(.txt) including Animal ID with one entry per line (E.	g, HOUSA000069998491)	
		Get JSON File(s) Clear)	
Dashboard				

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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box



Queries Data Exchange 👻 Special Section 👻 Top Animal Listing Summary Stats 🍸 Administration 🍸 National Performance Metrics Logout

	DATA	A EXCHANC	GE – GENOTYPE	Ebf
SEARCH FOR:	Animal ID (17 bytes)	•	API REQUEST: All Item(s) X	▲
	INPUT: An ASCII T	LTEST_2000_	ANIMALS.txt Load or <u>Browse for a File</u> d file size: 5MB Ith one entry per line (E.g. HOUSA000069998491) Clear	

hboard						
oyright © CDCB Ltd. 2020. All Right	t Reserved					Privacy & Cookie Poli
5: Click on the Get JS	ON File(s) button					
earch area will be coll	apsed and it also lis	sts out	all requests being 'IN	I QUEUE' that will be proces	sed one by one.	
	Queries Data Ex	kchange '	 Special Section ▼ Top Ar 	nimal Listing Summary Stats 🔻 Admi	nistration * National Performan	nce Metrics Logout
				r. 70.0		2 3/
		TA	EVOLIANIC			
	DA	NA	EXCHANG	E – GENOTYPE		VILLA N
		3				
SEARCH FOR:	Animal ID (17 bytes)		-	API REQUEST: All Item(s) 🗙		
Data Exchange Reg	uest					
2021_October_26_User_Reques	st_538 Total: 2					
Start: 26 Oct. 2021 22:22:48				End: 26	Completed	2/2 🕄 📩
Start: 20-Oct-2021 23:23:40				End. 20	-001-2021 23.23.33	
	ame		Start	End	Status	
Na						
Na Genotype Nomination Status	ſ	a	26-Oct-2021 23:23:49	26-Oct-2021 23:23:50	COMPLETED (89.04%)	🖓 📩 📍
Na Genotype Nomination Status Genotype Query	,	3 0	26-Oct-2021 23:23:49 26-Oct-2021 23:23:50	26-Oct-2021 23:23:50 26-Oct-2021 23:23:53	COMPLETED (89.04%) COMPLETED (88.69%)	₀ ↓ ˆ

Procedure 4: Data Exchange: Progeny

Step 1: Click on the Data Exchange on the Navigate menu > Progeny

This page allows the user to export JSON files with Progeny Data



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Step 2: The user selects an	option 'SEARCH FOR' dr Queries Data Exchang	Iropdown list. ge 🔨 Special Section 🔻 Top Animal Listing Summary Stats 🌱 Administration 🌱 National Performance Metrics Log	gout
	DATA	A EXCHANGE - PROGENY	
SEARCH FOR:	Animal ID (17 bytes)	API REQUEST: Select Query Options	^
	Animal ID (17 bytes) Sire and Dam ID's (35 bytes)	No File Chosen	
	INPUT: An ASCII Tex	Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: 5MB ext File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Get JSON File(s) Clear	

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Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'

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Queries Data Exchange 👻 Special Section 🔻 Top Animal Listing Summary Stats 🍷 Administration 🍷 National Performance Metrics Logout

	DATA	EXCHAN	IGE – PRC	OGENY	勤伤
SEARCH FOR:	Animal ID (17 bytes)	• No File	API REQUEST:	All Item(s) ×	2
		Drag and Drop to U Maximum uplo	JpLoad or <u>Browse for a File</u> ad file size: 5MB	Get Animal Progeny List Get Daughter List by Bull	ĺ
	INPUT: An ASCII Tex	tt File(.txt) including Animal ID Get JSON File(s)	with one entry per line (E.g	Get Daughter Type Scores by Bull (Colored Breeds Only) Get Recent Submission Dates and Numbers of Daughters for Type Records by Bull (Colored Breeds Only)	-

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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box

	Queries	Data Exchange 🔻	Special Section -	Top Animal Listing	Summary Stats 🔻	Administration -	National Performance M	etrics Logout
		DATA	EXCHA	NGE – PF	ROGEN	Y	Ei	ŇĪ
SEARCH FOR: Anima	al ID (17 bytes)		•	API REQUES	ST: All Item(s) 🗙			^
			_TEST_2	000_ANIMALS.txt				
			Drag and Drop	o to UpLoad or <u>Browse for a</u>	<u>a File</u>			
			Maximum	upload file size: 5MB				
	IN	PUT: An ASCII Text Fi	ile(.txt) including Anim	al ID with one entry per line	e (E.g, HOUSA000069	9998491)		
				Cieai				

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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

DA	TA EXCHAN	GE – PROGENY	Ω	MAN
	3	A 90 1		
SEARCH FOR: Animal ID (17 bytes)	•	API REQUEST: All Item(s) ×		
Data Exchange Request				
2021_October_26_User_Request_539 Total: 4				
Start: 26-Oct-2021 23:31:31			Complete End:	ed 0/4 🔇 🛓
Name	Start	End	Status	
Get Animal Progeny List	26-Oct-2021 23:31:31		RUNNING	🐻 😆 🔶
Get Daughter List by Bull			IN QUEUE	6 8
Get Daughter Type Scores by Bull (Colored Breeds Only)			IN QUEUE	6 8
Get Recent Submission Dates and Numbers of Daughters for Typ Records by Bull (Colored Breeds Only)	e		IN QUEUE	₫ 8

Procedure 5: Data Exchange: Lactation

Step 1: Click on the Data Exchange on the Navigate menu > Lactation

This page allows the user to export JSON files with Lactation Data

CDCB	Querie	s Data Exchange 🔻	Special Section *	Top Animal Listing	Summary Stats 🔻	Administration *	National Performance Metrics	Logout
COUNCIL ON DAIRY CALIFIE BREEDING		ID/Pedigree						
		Evaluation	The second second	Mar y	. 7 .			
		Genotype						
		Progeny	XCHAN	IGE – LA	CTATIC	DN		
		Lactation		A CONTRACTOR				
And the second second second second		Errors						
		Herd						
SEARCH FOR:	Animal ID (17 byt	Special Section	-	API REQUE	ST: Select Query G	Options		^
		Reports						
			No F	File Chosen				
			Drag and Drop Maximum (to UpLoad or <u>Browse for .</u> upload file size: 5MB	<u>a File</u>			
		INPUT: An ASCII Text Fi	ile(.txt) including Anima	I ID with one entry per line	e (E.g, HOUSA000069	9998491)		
			Get JSON File(s)	Clear	\supset			

Step 2: The user selects an option 'SEARCH FOR' dropdown list.

	Queries Data Exchange * Spec	al Section 👻 Top Animal Listing Summary Stats 👻 Administration 🌱 National Performance Metrics Logout
	DATA EXC	HANGE - LACTATION
SEARCH FOR:	Animal ID (17 bytes)	API REQUEST: Select Query Options
	Animal ID (17 bytes)	
	Dam ID + Calf Birth Date	No File Chosen
	Actual Lactation Record	Drop to UpLoad or <u>Browse for a File</u>
		Maximum upload file size: 5MB
	INPUT: An ASCII Text File(.txt) in	cluding Animal ID with one entry per line (E.g, HOUSA000069998491)
	Ger	JSON File(s) Clear

Dashboard				
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Step 3: Selecting an option	for 'SEARCH FOR', 'AF	PI REQUEST' will be shown based on	'SEARCH FOR'	
	Queries Data Exch	ange 🔨 Special Section 🔻 Top Animal Listing Sum	mary Stats 👻 Administration 🎽 National Performance Metrics 🛛 Lo	ogout
	DAT	A EXCHANGE – LAC	TATION	
SEARCH FOR:	Animal ID (17 bytes)	✓ API REQUEST:	All Item(s) 🗙	^
		No File Chosen		
		Drag and Drop to UpLoad or Browse for a File	Get Cow Calving Information	
		Maximum upload file size: 5MB	Get Cow Lactation Records	
	INPUT: An ASCI	II Text File(.txt) including Animal ID with one entry per line (E.g	g 🔽 Get Cow Test-Day Records	
		Get JSON File(s) Clear)	
SEARCH FOR:	Animal ID (17 bytes)	A EXCHANGE – LAC API REQUEST: No File Chosen Drag and Drop to UpLoad or Browse for a File Maximum upload file size: 5MB Il Text File(txt) including Animal ID with one entry per line (E.C. Get JSON File(s) Clear	All Item(s) × Q Select All Get Cow Calving Information Get Cow Lactation Records Get Cow Test-Day Records	

Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR

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(Animal ID (17 bytes)) will be attached to the box

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	Queries Data Exchan	ge ▼ Special Section ▼ To	p Animal Listing Summary	Stats Administration	National Performance Metrics	Logout
	DATA	EXCHANC	GE – LACTA	TION	E.G	Ĵ
SEARCH F	OR: Animal ID (17 bytes)	•	API REQUEST:	ltem(s) 🗙		^
		_TEST_2000	_ANIMALS.txt			
		Drag and Drop to U	pLoad or <u>Browse for a File</u>			
		Maximum uplo	ad file size: 5MB			
	INPUT: An ASCII T	ext File(.txt) including Animal ID Get JSON File(s)	with one entry per line (E.g, HOU Clear	JSA000069998491)		

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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

			EXCHANG	E - LACTATION		101	
SEARCH FOR:	Animal ID (17 bytes)	3		API REQUEST: All Item(s) 🗙			
Data Exchange Reg	quest						
2021 October 27 Have Berry							
2021_October_2/_User_Reque	st_541 Total: 3						
Start: 27-Oct-2021 00:19:39	st_541 Total: 3			End: 27-	-Oct-2021 00:19:49	3/3 😮 🛓]
Start: 27-Oct-2021 00:19:39	st_541 Total: 3		Start	End: 27- End	Completed Oct-2021 00:19:49 Status	3/3 😮 🛓]
Start: 27-Oct-2021 00:19:39	st_541 Total: 3	-	Start 27-Oct-2021 00:19:42	End: 27- End 27-Oct-2021 00:19:44	Completed -Oct-2021 00:19:49 Status COMPLETED (0.45%)	3/3 😧 🛓	
Start: 27-Oct-2021 00:19:39 Kate Cow Calving Information Get Cow Lactation Records	st_541 Total: 3		Start 27-Oct-2021 00:19:42 27-Oct-2021 00:19:44	End: 27- End 27-Oct-2021 00:19:44 27-Oct-2021 00:19:46	Completed Oct-2021 00:19:49 Status COMPLETED (0.45%) COMPLETED (1.10%)	3/3 😮 ᆂ Ø 🕹)
Start: 27-Oct-2021 00:19:39 Start: 27-Oct-2021 00:19:39 Get Cow Calving Information Get Cow Lactation Records Get Cow Test-Day Records	st_541 Total: 3		Start 27-Oct-2021 00:19:42 27-Oct-2021 00:19:44 27-Oct-2021 00:19:46	End: 27- End 27-Oct-2021 00:19:44 27-Oct-2021 00:19:46 27-Oct-2021 00:19:49	Completed Oct-2021 00:19:49 Status COMPLETED (0.45%) COMPLETED (0.45%)	3/3 📀 ᆂ 10 ± 10 ± 10 ±	•

Procedure 6: Data Exchange: Errors

Step 1: Click on the Data Exchange on the Navigate menu > Errors

This page allows the user to export JSON files with Errors Data



Step 2: The user selects an option 'SEARCH FOR' dropdown list.

	Queries Data Exchange 🛪	r Special Section ▼ Top Animal Listing Summary Stats ▼ Administration ▼ National Performance Metrics Logout
	DATA	A EXCHANGE - ERRORS
SEARCH FOR:	Animal ID (17 bytes) -	SEX Male Female API REQUEST: Get Error records by Bull ID ×
	Animal ID (17 bytes)	
	Herd + Cow Control Number	
	Herd ID	
		No File Chosen
		Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: SMB
	INPUT: An ASCII Text F	ile(txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Get JSON File(s) Clear
Dashboard		
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Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'



Queries Data Exchange 🔻 Special Section 🔻 Top Animal Listing Summary Stats 🍷 Administration 🍷 National Performance Metrics Logout



COUNCIL ON DARRY CALIFIC BREEDING		
DA	TA EXCHANGE - ERRORS	T. Sali
SEARCH FOR: Animal ID (17 bytes)	SEX Male Female API REQUEST: Get Error reco	rds by Bull ID 🗙
	NUMBER OF PRECEDING MONTHS:	
	1	
	No File Chosen	
	Drag and Drop to UpLoad or <u>Browse for a File</u>	
	Maximum upload file size: SMB 5	
INPUT: An ASC	ll Text File(.txt) including Animal ID with one entry per line (E.g, HOUSA000009990491) 🔻	
	Get JSON File(s) Clear	
Dashboard		
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Step 5: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box



Queries Data Exchange

Special Section

Top Animal Listing Summary Stats
Administration
National Performance Metrics Logout



Step 6: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

	DA	FA EXCHAN	NGE – ERROR	S
SEARCH FOR: Animal ID (17 bytes)		SEX Male	Female API REQUEST:	Get Error records by Bull ID ×
			NUMBER OF PRECEDING MONTHS:	1 •
Data Exchange Request 2021_October_27_User_Request_542 Total: 1				
Start: 27-Oct-2021 00:31:06				Completed 1/1 🔇 🛓 End: 27-Oct-2021 00:31:12
Name		Start	End	Status
Get Error records by Bull ID	Ð	27-Oct-2021 00:31:08	27-Oct-2021 00:31:12	COMPLETED (0.00%) 🚺 🛓 🇘

Procedure 6: Data Exchange: Herd

Step 1: Click on the Data Exchange on the Navigate menu > Herd

This page allows the user to export JSON files with Herd Data



Dashboard				
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Step 2: The user selects a	n option 'SEARCH FOR' o	dropdown list.		
	Queries Data Exchar	nge 🔨 Special Section 👻 Top Animal Listin	g Summary Stats 🔨 Administration 🔻 Ni	ational Performance Metrics Logout
	D	ATA EXCHANGE	- HERD	
SEARCH FOR:	Herd ID Herd ID	✓ API REC	QUEST: Select Query Options	
		No File Chosen		
		Drag and Drop to UpLoad or <u>Browse</u> Maximum upload file size: 5MB	for a File	

Dashboard	
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INPUT: An ASCII Text File(.txt) including Herd ID with one entry per line (E.g., 35720667)

Clear

Get JSON File(s)

Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'



Queries Data Exchange 🔻 Special Section 👻 Top Animal Listing Summary Stats 🍸 Administration 🍸 National Performance Metrics Logout

	D	ATA EXCH	ANGE – H	IERD	6/1
SEARCH FOR:	Herd ID		API REQUEST:	6 Item(s) ×	^
		No F	lle Chosen	Select All	
		Drag and Drop t Maximum u	o UpLoad or <u>Browse for a File</u> pload file size: 5MB	Check Owner-sampler Herd and Get Testing Characteristics	
	INDUT: A-	ASCII Tava Ella (ava) including	Hard ID with and antry par line	Get Cow Lactation Records by Herd	
		Get JSON File(s)	Clear	Get Herd Data-collection Ratings (DCR's) and Testing Characteristics	
				Get Herd Test Days	

Convisient & CDCR1td 2020 All Diabt Records	Dashboard	
Cupyingit © CDCD Edu. 2020. All hight heserved mitacy & Counter of	Copyright © CDCB Ltd. 2020. All Right Reserved	Privacy & Cookie Policy

• In the case of the "Get Herd Test Days" API Request is selected, a radio button will appear that allows the user to search the herd testday have coverage within 1 year or all years

	Queries Data Exchange * Special Section *	Top Animal Listing Summary Stats *	Administration National Perfo	rmance Metrics Logout
	DATA EXCH	HANGE – HERD	·E.	in/i
SEARCH FOR: Herd I	۰ D	API REQUEST: Get Herd To	est Days 🗙	·
		1 Year		
	No	File Chosen		
	Drag and Drop Maximum	to UpLoad or <u>Browse for a File</u> upload file size: 5MB		
	INPUT: An ASCII Text File(.txt) including	Herd ID with one entry per line (E.g., 357206	667)	
Dashboard	CertSoleme(s)			
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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box



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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

		DA	TA EXCHA	NGE – H	HERD				
SEARCH FOR:	Herd ID		•	API REQUEST:	All Item(s) 🗙				
					● 1 Year) All			
Data Exchande Redi	uest								
2021_October_27_User_Request	t_544 Total: 7					End: 🔅	Completed	11/7	±.
2021_October_27_User_Request Start: 27-Oct-2021 00:45:25 Nar	n_544 Total: 7		Start		End	End: {}	Completed	1/7 🖸 i	*
2021_October_27_User_Request Start: 27-Oct-2021 00:45:25 Nar Check Owner-sampler Herd and O	n_544 Total: 7	5	Start 27-Oct-2021 00:45:26	27-Oct-2	End 2021 00:45:30	End: () State	Completed us 0 (95.56%)	11/7 😧 🖬	*
2021_October_27_User_Request Start: 27-Oct-2021 00:45:25 Nar Check Owner-sampler Herd and C Get Cow Lactation Records by He	me Get Testing Characteristics rd	a	Start 27-Oct-2021 00:45:26 27-Oct-2021 00:45:30	27-Oct-2	End 2021 00:45:30	End: () State COMPLETED RUNN	Completed us D (95.56%) IING	11/7 😮 🖬	≵
2021_October_27_User_Request Start: 27-Oct-2021 00:45:25 Nar Check Owner-sampler Herd and C Get Cow Lactation Records by He Get Herd Data-collection Ratings Characteristics	me Get Testing Characteristics rd (DCR's) and Testing	•	Start 27-Oct-2021 00:45:26 27-Oct-2021 00:45:30	27-Oct-2	End 2021 00:45:30	End: () State COMPLETED RUNN IN QUI	Completed us D (95.56%) IING EUE	11/7 😧 🖬 ले 🕹 ले 😒	*

Procedure 7: Data Exchange: Special Section

Step 1: Click on the Data Exchange on the Navigate menu > Special Section

This page allows the user to export JSON files with Special Section Data



2: The user selects an	option 'SEARCH FOR' dropdo	own list.	 National Performance Matrice - Logo
KEL ONDARY CATHE BATCOPS		HANGE SPECIAL SECTION	
	DATAEACT	HANGE - SPECIAL SECTION	
SEARCH FOR:	Animal ID (17 bytes)	API REQUEST: Select Query Options	
SEARCH FOR:	Animal ID (17 bytes) Animal ID (17 bytes) Animal ID + Sex Code (18 bytes)	API REQUEST: Select Query Options No File Chosen	
SEARCH FOR:	Animal ID (17 bytes) Animal ID (17 bytes) Animal ID + Sex Code (18 bytes) Sample ID (20 bytes max) Herd ID	API REQUEST: Select Query Options No File Chosen Drop to UpLoad or Browse for a File rum upload file size: 5MB	

Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'



Queries Data Exchange

Special Section

Top Animal Listing Summary Stats
Administration
National Performance Metrics Logout

	DATA EX	KCHANGE - SPECIA	L SECTION	bf
SEARCH FOR:	Animal ID (17 bytes)	✓ API REQUEST:	Select Query Options	<u>^</u>
		No Filo Choron	[I Q	
		No File Chosen	Select All	
		Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: 5MB	Get Herd Code and CDCB Fee for Specified Animal ID	
		That File (tot) including Animal ID with one entry par line (Fig	History of Genotypes	
	INPOT: An ASCILI	Clear	Sample ID Lookup	
			Suggested Dam	

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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box

	Queries Data Excha	nge ▼ Special Section ▼ 1	op Animal Listing Summary	y Stats 🔻 Administration	 National Performance Metrics 	Logout
	DATA E)	CHANGE	- SPECIAL	SECTION	B b	
SEARCH FOR:	Animal ID (17 bytes)	•	API REQUEST:	ll Item(s) 🗙		^
	INPUT: An ASCI I	LTEST_2004	D_ANIMALS.txt UpLoad or <u>Browse for a File</u> oad file size: SMB 9 with one entry per line (E.g. HO Clear	USA000069998491)		
Dashboard	Personnel				Diagu & Carl	via Policy

Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

	DAIA	EXCHANGE -	SPECIAL SECTION	JN	MAN.
SEARCH FOR:	Animal ID (17 bytes)	·	API REQUEST: All Item(s) 🗙		
Data Exchange Red	quest				
2021_October_27_User_Reque	est_545 Total: 4				
Start: 27-Oct-2021 02:57:49				Complete	d 0/4 🔇 📩
Ν	lame	Start	End	Status	
Get Herd Code and CDCB Fee	for Specified Animal ID	27-Oct-2021 02:57:52		RUNNING	🚯 😣 📍
History of Genotypes				IN QUEUE	6 8
Sample ID Lookup				IN QUEUE	6 8
				IN OUFUE	

Procedure 8: Data Exchange: Report

Step 1: Click on the Data Exchange on the Navigate menu > Report

This page allows the user to export JSON files with Report Data

CDCB	Queri	es Data Exchange ▼	Special Section -	Top Animal Listing Su	mmary Stats 👻 Administration	National Performance Metrics	Logout
COUNCIL ON DARY CATILE BREEDING		ID/Pedigree					
		Evaluation		Mart .	T		
		Genotype	5	Maria (
		Progeny	EXCHA	NGE – RE	PORTS		
		Lactation					
		Errors					
		Herd					
API REQUEST:	Select Query Op	Special Section		AFFILIATE:	Select Query Options		^
		Reports					
			Get JSON File(s)	Clear	\supset		

Dashboard	
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Step 2: The user selects an option 'API REQUEST' dropdown list.



Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR'

	Queries – Data Exchange 👻	Special Section 🔻 Top Anin	nal Listing Sum	mary Stats Administration	National Performance Metrics	Logout
	DATA	EXCHANG	E – REI	PORTS	P. C.	
Company and the second		1 9 M				a la france
API REQUE	ST: All Item(s) 🗙		AFFILIATE:	Select Query Options		^
					Q	
	C	Get SON File(s)	Clear	Select All	<u>^</u>	
				ABS (N) ABSCOM (N)	_	
				Affymetrix (L)		
				AIPL (N)		
					.	
Dashboard						
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Step 4: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

	DATA EXCHAN	GE – REPORTS		16
Data Exchange Request				
2021_October_27_User_Request_1902 Total: 10			Completed 10	0/10 🖸 🛃
2021_October_27_User_Request_1902 Total: 10 Start: 27-Oct-2021 03:05:15		End: 27	-Oct-2021 03:06:23)/10 😮 🛓
2021_October_27_User_Request_1902 Total: 10 Start: 27-Oct-2021 03:05:15 Name	Start	End: 27 End	-Oct-2021 03:06:23	0/10 📀 🛓
2021_October_27_User_Request_1902 Total: 10 Start: 27-Oct-2021 03:05:15 Name Animals with Genotypes that Conflict with Imputed Dam Genotypes	Start 27-Oct-2021 03:05:15	End: 27 End 27-Oct-2021 03:05:16	-Oct-2021 03:06:23 Status COMPLETED (6.90%)	010 3 2
2021_October_27_User_Request_1902 Total: 10 Start: 27-Oct-2021 03:05:15 Name Animals with Genotypes that Conflict with Imputed Dam Genotypes Animals with Unlikely Grandsire (and no Other Conflict) in the Past 6 Months	Start Image: Content of the start of	End: 27 End 27-Oct-2021 03:05:16 27-Oct-2021 03:05:18	Completed 10 -Oct-2021 03:06:23 Status COMPLETED (6.90%) COMPLETED (0.86%)	010 3 010 2 010 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
2021_October_27_User_Request_1902 Total: 10 Start: 27-Oct-2021 03:05:15 Name Animals with Genotypes that Conflict with Imputed Dam Genotypes Animals with Unlikely Grandsire (and no Other Conflict) in the Past 6 Months Check for Missing Pedigree of Animals Nominated in the Past 75 Days	Start 27-Oct-2021 03:05:15 27-Oct-2021 03:05:16 27-Oct-2021 03:05:16 27-Oct-2021 03:05:18	End: 27 End 27-Oct-2021 03:05:16 27-Oct-2021 03:05:18 27-Oct-2021 03:05:20	-Oct-2021 03:06:23 Completed 10 Status COMPLETED (6.90%) COMPLETED (0.86%) COMPLETED (0.00%)	

Procedure 9: Data Exchange: Calving Ease

Step 1: Click on the Data Exchange on the Navigate menu > Calving Ease

This page allows the user to export JSON files with Calving Ease Data



Step 2: The user selects an option 'SEARCH FOR' dropdown list.



Queries Data Exchange - Special Section - Top Animal Listing Summary Stats - Administration - National Performance Metrics Logout

CODINEL ON DRIVE OVERE BREEDING				
			Tto I	a sta
	DATA	EXCHANGE – CALV	ING EASE	Vien And
SEARCH FOR:	Animal ID (17 bytes)	✓ API REQUEST:	Select Query Options	<u>^</u>
	Animal ID (17 bytes)	No Filo Choron		
	Herd ID	No File Chosen		
		Drag and Drop to UpLoad or Browse for a File	2	
		Maximum upload file size: 5MB		
	INPUT: An ASCII 7	Text File(.txt) including Animal ID with one entry per line (E.	g, HOUSA000069998491)	
		Get JSON File(s) Clear	\supset	
Dashboard				
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Step 3 : Selecting an option f	or 'SEARCH FOR', 'API	I REQUEST' will be shown based on	'SEARCH FOR'	
CRCB	Queries Data Exchar	nge 🔻 Special Section 👻 Top Animal Listing Sum	nmary Stats 🔻 Administration 🔨 National Perfor	mance Metrics Logout
COUNCIL ON DARY CATTLE BREEDING				
			79.00. 11	the setting
		EVCHANCE CALV		Share der
	DAIAL	LACHANOL - CALV		ACT ALL
				and the first
(5400) (500				
SEARCH FOR:	Animal ID (17 bytes)	✓ APIREQUEST:	All Item(s) ×	
		No File Chosen	Q	
		Drag and Drop to Upl oad or Browse for a File	Select All	
		Maximum upload file size: 5MB	Display Calving Trait Evaluations	-
			List All Calving Records for a Cow	-
	INPUT: An ASCII 1	Text File(.txt) including Animal ID with one entry per line (E.	g List Calving Records for a Maternal Grandsire	-
		Get JSON File(s) Clear	List Calving Records for a Service Sire or Cow	-
				•
Dashboard				
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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment box a file contains the information related to the selected SEARCH FOR (Animal ID (17 bytes)) will be attached to the box

	Queries Data Exchang	ge 🔨 Special Section 👻 Top	Animal Listing Summary Stats 🔻	Administration * National Performance M	letrics Logout
	DATA E	XCHANGE	- CALVING E	ASE	NT.
SEARCH FOR:	Animal ID (17 bytes)	•	API REQUEST: All Item(s)	×	^
		_TEST_2000_	ANIMALS.txt		
		Drag and Drop to Up Maximum uploa	oLoad or <u>Browse for a File</u> d file size: 5MB		
	INPUT: An ASCII Te	ext File(.txt) including Animal ID w	ith one entry per line (E.g, HOUSA0000	69998491)	
		Get JSON File(s)	Clear		

Dashboard	
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Step 5: Click on the Get JSON File(s) button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

	DA	TA E	XCHANGE	- CALVING EAS	E' C	Shan-	
						5 10	
SEARCH FOR:	Animal ID (17 bytes)		•	API REQUEST: All Item(s) 🗙			~
Data Exchange Req	luest						-
2021_October_27_User_Reques	st_1903 Total: 5						
					Completed 2	2/5 🙆 📥	
Start: 27-Oct-2021 03:16:10					End: 💭		_
Na	ame		Start	End	Status		
Display Calving Trait Evaluations		B	27-Oct-2021 03:16:13	27-Oct-2021 03:16:14	COMPLETED (49.70%)	💩 🛃	^
List All Calving Records for a Cow	v	B	27-Oct-2021 03:16:14	27-Oct-2021 03:16:16	COMPLETED (0.15%)	🗄 📥	
List Calving Records for a Matern	al Grandsire		27-Oct-2021 03:16:16		RUNNING	1	
List Calving Records for a Service	e Sire or Cow				IN QUEUE	6 8	~
List Parents and Birth Date of Cal	If				IN QUEUE	1	

Procedure 10: Data Exchange: Create Format

Step 1: Click on the Data Exchange on the Navigate menu > Create Format

This page allows the user to export JSON files with the Formats Data

	Queries Data Exchange 🛪 Special Section 🛪 Top Animal Listing Summary Stats 🛪 Administration 🛪 National Performance Metrics Logout	:
	DATA EXCHANGE - CREATE FORMAT	
SEARCH FOR:	Animal ID (17 bytes) SEX Male Female API REQUEST: Select Query Options	^
	No File Chosen	
Dashboard 	ht Reserved Privacy & Cookie Policy	_
Step 2: The user selects	n option 'SEARCH FOR' dropdown list.	
	Queries Data Exchange 👻 Special Section 👻 Top Animal Listing Summary Stats 👻 Administration 🌱 National Performance Metrics Logou	t
	DATA EXCHANGE - CREATE FORMAT	
SEARCH FOR:	Animal ID (17 bytes) SEX Male Female API REQUEST: Select Query Options Animal ID (17 bytes)	^
	Herd ID No File Chosen	
	Drag and Drop to UpLoad or <u>Browse for a File</u> Maximum upload file size: 5MB	
	INPUT: An ASCII Text File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491)	
	Create Format Clear	
Dashboard		

Step 3: Selecting an option for 'SEARCH FOR', 'API REQUEST' will be shown based on 'SEARCH FOR' and 'SEX'



Queries Data Exchange

Special Section

Top Animal Listing Summary Stats
Administration
National Performance Metrics Logout

	DATA E	XCHANGE - CREATE FOI	RMAT	1 E
				he has
SEARCH FOR:	Animal ID (17 bytes)	SEX Male Female API REQUEST:	Select Query Options	^
		No File Chosen	Q Select All	
		Drag and Drop to UpLoad or <u>Browse for a File</u> Manipurg upload file size 5MB	Make Animal format-1 records	
		Maximum upioad file size: SMB	Make format-105 for Bull Daughter	
	INPUT: An ASCI	Create Format Clear	69998491)	

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Step 4: Drag and Drop to UpLoad Or Browse For a File into attachment bo	x a file contains the information related to the selected SEARCH FOR

(Animal ID (17 bytes)) will be attached to the box

	Queries Data Exc	:hange ▼ Special Section ▼ Top Animal Listing Summary Stats ▼ Administration ▼ National Performance Metrics Logout
	DATA	EXCHANGE - CREATE FORMAT
SEARCH FOR:	Animal ID (17 bytes)	▼ SEX ● Male Female API REQUEST: All litem(s) ×
	INPUT: An AS	LTEST_2000_ANIMALS.txt Test and Drop to UpLoad or Browse for a File Maximum upload file size: 5MB CII Text File(.txt) including Animal ID with one entry per line (E.g. HOUSA000069998491) Create Format Clear
Dashboard Copyright ⊚ CDCB Ltd. 2020. All Ri	ght Reserved	Privacy & Cookie Policy

Step 5: Click on the Create Format button

The search area will be collapsed and it also lists out all requests being 'IN QUEUE' that will be processed one by one.

	DATAE	XCHAN	IGE – CRE	AIE FO	RMAI		
SEARCH FOR:	Animal ID (17 bytes)	• SEX	Male Female	API REQUEST:	All Item(s) 🗙		~
Data Exchange Re	equest						
2021_October_27_User_Requ	uest_1904 Total: 2						
Start: 27-Oct-2021 03:19:37					End: 💭	Completed 1/2	*
	Name	Start		End	Statu	s	
Make Animal format-1 records		27-Oct-2021 0	3:19:39	27-Oct-2021 03:19:42	COMPLE	TED 🐻 🕹	<u>^</u>
Make format-105 for Bull Daug	ghter	27-Oct-2021 0	3:19:42		RUNNII	۹G 🕼 🕄	-
ashboard							
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There are some buttons:

- Cancel: This allows the user to cancel requests that are in "IN QUEUE" status. After canceling the request successfully, the 'Run' button will be replaced with the 'Cancel' button.
- Re-run: This allows the user to run requests that are in "CANCELED" status. The request will be changed to "IN QUEUE" or "RUNNING" status based on the situation. At a time, there is only one request running.
- Download:
- o Clicking on the button of each request, will download each JSON file.
- o Clicking on the button of the group, it will download a .zip file with all JSON files inside.
 - Log File: This allows the user to download a log

Part 2: Working with 3rd Parties clients (Postman)

Procedure 1: Send request and download the output JSON file

Step 1: Click on the JSON Input icon on the Results section

		_TEST_2000_4	NIMALS.txt		
	Input JSON: Get A	nimal Type-composite Infor	mation for AY, BS, GU, and MS		
Data Exchange Request 2021_April_20_User_Request_867 Total: 6 Start: 20-Apr-202106:35:54	{ 'searchOption': ' 'input'Type''FIL 'input'' 'Seara' 'query' 'Set An 'token'' 'Barar *glocXAlOJKVIQI hwijoxNJESNDINT }	ANIM_KEY_17'. ?'. 13-9dbd-490a-a042-234deb72fbc3' mai Type-composite information for A LCJhbGc/OIIUJIN19'wg/Ic2V/y221e5I CzLCJzdWiFOIJN'2NIc3MiFQ.zyVHYU	, Y, BS, GU, and MS', SIGONAILC(127V)-bmFHZ5KinRIYW50ZXN0IkwIZX ZAECEGY5tkk4rG2NAtEsEqCke/WGrDdvr8do*	Completed End: 20-Apr-2021 06:36:11	6/6 () ±
Name				Status	
Get Animal Type-composite Information for AY, BS, GU, and MS				COMPLETED (17.93%)	* 🕹
Get Bull Type Evaluations (Colored Breeds Only)				COMPLETED (17.48%)	d ±
Get Historical Official Bull Evaluation by ID			Copy JSON	COMPLETED (99.20%)	₫ ≛
Get Interbull Evaluation by Bull ID	Bo	20-Apr-202106:36:04	20-Apr-2021 06:36:05	COMPLETED (0.00%)	@ 📥
Get Interbull Type Evaluation by Bull ID	Bo	20-Apr-2021 06:36:05	20-Apr-2021 06:36:06		@ 📥
Get Official Bull Evaluation (Domestic or Interbull) by ID	Bo	20-Apr-2021 06:36:06	20-Apr-2021 06:36:11		d 🕹 💡
Dashboard					^
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Step 2: Click the Copy JSON button to copy the content to the clipboard

	_TEST_2000_ANIMALS	txt		
	Input JSON: Get Animal Type-composite Information for	AY, BS, GU, and MS		
Data Exchange Request 2021_April_20_Uver_Request_867 Total: 6 Start: 20-Apr-2021 06:35:54	{ "searchOption":"ANIM_KEY_17", "inputType": TRLE", "inputType": TRLE", "inputType": TRLE", "inputType: TrLE", "inputType: TrLE", "gener", "Ge	id MS*, 1c2VybmFtZSl6InR1YWS0ZXN0IwiZX kk4rGzNAtEs£qCkelWGrDdvr8do*	Completed 6/6 End: 20-Apr-2021 06:36:11	0 🛓
Name			Status	
Get Bull Type Evaluations (Colored Breeds Only)				0 2
Get Historical Official Bull Evaluation by ID	The Input JSON has been copied to clipboard successfully.	Copy JSON		<u>له</u> ک
Get Interbull Evaluation by Bull ID	20-Apr-2021 06:36:04	20-Apr-2021 06:36:05		d ±
Get Interbull Type Evaluation by Bull ID	20-Apr-2021 06:36:05	20-Apr-2021 06:36:06		<u>ه</u> خ
Get Official Bull Evaluation (Domestic or Interbull) by ID	20-Apr-2021 06:36:06	20-Apr-2021 06:36:11		ð ±
Dashboard				^

Step 3: Start the 3rd party client and create a new request:

٠	request URL: https://40.142.54.172/api/data-exchange/third-party
٠	method: POST

 method: POST 			
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Step 4: Input the copied input JSON into the Body of the request

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zyVHYUZAECEGEYSEkk4rGzNAEExEqCkeiWGrDdvr8do" 7 }			
Response			v
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Step 5: ensure the request has the correct authorization setup:

- Type: Bearer TokenToken: <the same value as the JSON input>

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The authorization header will be automatically generated when you send the request. Learn more about authorization	Token	eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2tleSI6li0zliwidXNlo	rm5hbWUiOiJhZG1pbilsImV
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Step 6: Click Send the request

The system will trigger the query to run with selected inputs and the result will be returned

Step 7: Click Save Response > Save to a file on the result section to download the output JSON file.

Procedure 2: Uploading new input file through the API and use for new request

Step 1: Create a new Request:

- request URL: https://40.142.54.172/api/data-exchange/upload-file
- method: POST

Step 2: Input the local input file

On the Body tab select:

• Key: file

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 $\label{eq:step 3: Using the Select Files button to choose the local input file:$ 

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Step 4: Make sure the request has the correct Authorization setup

- Type: Bearer TokenToken: <the same value as the JSON input>

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# Step 5: Click Send.

The request will be processed. The system will return an id string representing the input file.

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 $\label{eq:step 5: Replace the input file-id to send a new request to Data Exchange$ 

When the process is finished the system will return the JSON output file on the body of the request ready to be downloaded.

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3 "inputType": "FILE",	
<pre>input: 94x900-0004-594-04054004-594-04175304, guery": "Get Animal Type-composite Information for AY, BS, GU, and MS", "token": "Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUZIINiJ9.eyJ1c2VyX2tleSI6IjQ0NTciLCJ1c2VybmFtZSI6ImFkbWluIiwiZXhwIjoxNjE5NzUxOTkwLCJzdWIiOiJhY2N1c3 5sD1wx9juQ3QKRe6TqyfMbfwCvG85GCSgQSyEdQRzUc" 7 }</pre>	MifQ.
4       Input: 91430403-0004-0340-0402-0404-0340 (%)         5       "query": "Get Animal Type-composite Information for AY, BS, GU, and MS",         6       "token": "Bearer ey064A013KVQ1LC3hbGc1013IU211N139.ey31c2VyX2t1eSI6IjQ0NTc1LC31c2VybmFtZSI6ImFkbWluIiwiZXhwIjoxNjE5NzUxOTkwLC3zdWI1013hY2N1c3         5sD1wx9juQ3QKReGTqyfMbfwCvG856CSgQSyEdQRzUc"       7         7       }         Body       Cookies         Headers (10)       Test Results         Endow       Status: 200 OK         Time: 3.58 s       Size: 19.4	MifQ.
1 Input:       9439405-0004-0534-0542-054175354         5       "query":       "664 Animal Type-composite Information for AY, BS, GU, and MS",         6       "token":       "Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUZINiJ9.eyJ1c2VyX2tleSIGIjQ0NTciLCJ1c2VybmFtZSIGImFkbHluIiwiZXhwIjoxNjE5NzUxOTkwLCJzdwIiOiJhY2NIc3         6       Stolwx9juQ3QKReGTqyfMbfwCvG85GCSgQSyEdQRzUc"       7         7       }         Body       Cookies       Headers (10)       Test Results         Pretty       Raw       Preview       Visualize       Text       Text	MifQ. Save Response A Save as example Save to a file
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