

# Smooth Integration: The Happy Marriage of a CRIS and a repository

DuraSpace-euroCRIS joint Repository/CRIS Workshop @OR2019 June 10<sup>th</sup>, 2019

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### History/Background

STORRE: Stirling Online Research Repository

• Mature, Full text only DSpace based Institutional Repository

Converis Research Management System (RMS)

- Live 2012 (that's when I came in)
- Integration with DSpace had "issues" which led to crashes and duplicates

BF THF DIFFFRFNCF

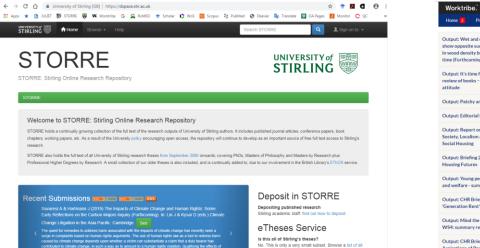
Worktribe selected to replace Converis (Aut 2016)

- No existing DSpace integration Developer decided to 'do it right'
  - Separate application layer STORRE queue
  - Suite of tools to fix any issues that arise

System Live - May 2018



# **Our Repository and CRIS**



ed to climate change, in such a way as to amount to a human rights violation. Qualifying the effects of hange as human rights violations, however, poses technical o...

our theses titles

All research theses must be deposited Stirling research postgraduates: find out how to deposit

Elizabeth Fuller Home 2 Profiles Opportunities Projects Outputs Impact Marketing Equipment Reports Admin Help Output: Wet and dry tropical forests 2 Hello Elizabeth Fuller show opposite successional pathways Welcome to Worktribe. in wood density but converge over time (Forthcoming/Available Online) Recent Outputs Saved Searches Output: It's time for a new Scottish review of books - with a better Recent Output: Patchy and Neglible Output File: Edinburghpaper **Output: Editorial Note** RIOXX Version AO - Author's Original Public Status Discoverable Output: Report on Seminar 3: The Big Publicly Available Date 2 Mar 2019 Society, Localism and the Future of Status Created Output: Briefing 2: Localism and New Output: The passing of the "Red Indians of Newfoundland": Colonisation and Agency in the Beothuk's extinction in the 17th-19th Centuries Output ID 1244928 Output: Young people: tenure choices and welfare - summary findings Status Discoverable Type Presentation / Conference Output: CHR Briefing 2: Housing Authors Maron Philippe Linked Authors Philippe Maron Publication Status Unpublished Output: Mind the Housing Wealth Gap Reporting Date 2 Mar 2019 WS4: summary research design Output: CHR Briefing 3: Housing Output: Saving the World's Terrestrial Megafauna Aspirations of People in Scotland Output ID 554582 Status Discoverable Output: CHR Briefing 4 - Housing Young People in Rural Areas Type Journal Article Authors Ripple, William J: Chapron, Guillaume: Lopez-Bao, Jose Vicente: Durant, Sarah M: Macdonald, Output: Co-producing Knowledge David W; Lindsey, Peter A; Bennett, Elizabeth L; Beschta, Robert L; Bruskotter, Jeremy T;





# **The STORRE Queue**

#### **STORRE Export Queue Admin**

STORRE Integration Admin Index

Migrate next N Worktribe Outputs to STORRE

Number of Worktribe Outputs to export Export N Outputs to STORRE

STORRE Export Queue

STORRE Export Queue key:

Total	New Output, Submit Flag = No	New Output, will be Inserted	New Output, S read		not i	Existing Outp	ut, Submit Flag = No		output, will be indated	•	Existing Output, Su reache		ot	STORRE File(s) removed
280	26	7	(	D			18		189		37			3
WT ID		Title		Last Modified	First Export Date	Last Export Date	Collection	Handle	Embargo End Date	Submit Flag	Submit Date	Last Editor	File Count	Actions
1108209		l Indians of Newfoundland": C uk's extinction in the 17th-19		2019-06- 07 14:00:14	-				null	Yes: • No: •	2019-06-07	Elizabeth Fuller (eaf3)	1	Update Record Export Output Remove from Que
<u>738067</u>	Saving th	e World's Terrestrial Megafaur	ıa	2019-06- 07 13:20:52	2016-07- 28 00:00		1893/123	<u>1893/23934</u>	null	Yes: () No: ()	2016-07-28	Elizabeth Fuller (eaf3)	1	Update Record Export Output Remove from Que
<u>935347</u>	181101 - MW Test - Nev	v Article (Insert) - Submit Dat edited again	e Not Reached -	2019-06- 04 16:02:11	-	-			null	Yes: • No: •	2018-12-01	Michael White (mw6)	1	Update Record Export Output Remove from Que
<u>807440</u>	Three radical	steps to derail doping in elite	sport	2019-05- 22 13:14:09	2018-03 14 00:00		1893/23431	<u>1893/26836</u>	null	Yes: () No: ()	2018-03-14	API User (api)	1	Update Record Export Output Remove from Que
<u>807242</u>	Digital tech companies ne	aed to be more open to protec online data	t our privacy and	2019-05- 21 12:46:23	2018-05- 15 01:01:04	2018-05- 15 01:01:04	1893/23440	<u>1893/27065</u>	2999-12- 31	Yes: () No: ()	2018-05-14	Clare Allan (cma1)	1	Update Record Export Output Remove from Que
<u>968286</u>		festing refactored WT Type eli hursday's test - edited	gibility code" -	2019-05- 16 15:29:46	2019-01- 14 14:40:13	2019-01- 14 14:40:13	1893/1553	<u>1893/27196</u>	null	Yes: () No: ()	2019-01-14	API User (api)	1	Update Record Export Output Remove from Que
1020766	Journal	Article - looking at credit roles		2019-05- 16 15:25:27	-	-			null	Yes: No: •	2019-02-15	API User (api)	1	Update Record Export Output Remove from Que
1089529	The Transatlantic Receptic as a Children's Book	n of The Chronicles of Narnia Author in the 1950s and 1960	and of C. S. Lewis is, Compared	2019-05- 15 10:26:13	-	-			null	Yes: No: •	2019-05-15	Elizabeth Fuller (eaf3)	1	Update Record Export Output Remove from Que





# **Export Report**

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worktribe-noreply@stir.ac.uk				Pi	aste
[WT-STORRE] Export Summary Report					Ŧ
To Michael White; Repository Librarian				ci	lipbo
We removed extra line breaks from this message.				C	7
WT-STORRE Export Summary: 2019-04-16T01:00:00.967					_
W1-510KKE Export Summary, 2019-04-10101.00.00.907					Ti
Exporting the following Outputs: [1260231, 1067604, 12505 957643, 1104977, 1258271, 1265938]	550, 766952, 771145, 771219, 776359, 7	76974, 819900, 819931, 82	1792, 821803, 821835, 821846, 823966, 824244,		_
				3	20
TimestampWT IDActionResultitem HandleTitleCollection F Hearings (Forthcoming)1893/218[Update: A Tripartite Ana					
16T01:00:09.3231067604UpdateSUCCESS1893/28354Evalua	ating Perceptions of Self-efficacy and	Quality of Life in Patients I	Having Coronary Artery Bypass Grafting and Th		
Caregivers1893/236[Update: Thomson et al 2018 SE and Q aquaculture and recommendations for development of sp					20
2019-04-16T01:00:35.615766952UpdateSUCCESS1893/8781	Introduction: News and Symbolic Pov	wer1893/7676[Update: Int	erpreting News Introduction.pdf ()] 2019-04-	7	20
16T01:00:46.108771145UpdateSUCCESS1893/4397Labor M 16T01:00:54.204771219UpdateSUCCESS1893/3693Baptists				+11-30),Update: 15. Baptist 9	20
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(3000-11-30), Update: 5. Baptists and Revival in the Eightee	enth Century.pdf (3000-11-30),Update	e: 4. Particular and Genera	I Baptists in the Seventeenth Centu.pdf (3000	-11-30),Update: 3. Anabaptists and	20
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16T01:01:58.262776974UpdateSUCCESS1893/6540Introduc	ction1893/1580[No Change: 'Media Co	onvergence' introduction.	odf ()] 2019-04-16T01:02:07.153819900Updates	UCCESS1893/3274Designing	-
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Mining Industries.pdf ()] 2019-04-16T01:02:32.279821803U				Undates Ch 1 The Forest of	5 20
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Scotland's Health 1919-1948)1893/2246[Update: Intro toSc	cotland'shealth1.pdf ()]No Bitstream U	UUID found for WT Outpu	tFile ID: 821852 - WT Output ID: 821846; Proble	1	20
WT OutputFile ID: 821852; There was a problem updating 2019-04-16T01:02:56.665823966UpdateSUCCESS1893/2422				if (2999-12-31)] 2019-04-	20
16T01:03:04.460824244UpdateSUCCESS1893/3196Two 158					20
2019-04-16T01:03:14.208827432UpdateSUCCESS1893/2024 04-16T01:03:27.063842253UpdateSUCCESS1893/3241Study					20
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12-31)] 2019-04-16T01:03:57.125957643UpdateSUCCESS18				A Detient Contered	EADY
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2	201	9-04-1	1260231	Update	SUCCESS	1893/2920	A Tripartit	1893/218	[Update	e: A	Tripartite	Analysis o	of the Gr	ounds of Ref	erral - fi	nal ac	cepted	m
3	201	9-04-1	1067604	Update	SUCCESS	1893/2835	Evaluating	1893/236	[Update	e: Th	nomson e	t al 2018 Si	E and Qo	L paper (STO	RRE).pdf	f (201	9-11-27	)]
4	201	9-04-1	1250550	Update	SUCCESS	1893/2908	Use of geo	1893/217	[Update	e: Fi	nal_accep	oted.pdf (2	020-04-1	[1]]				
5	201	9-04-1	766952	Update	SUCCESS	1893/878	Introducti	1893/767	5 [Update	e: In	terpretin	g News Int	roductio	on.pdf ()]				
6	201	9-04-1	771145	Update	SUCCESS	1893/439	Labor Mig	1893/224	5 [Update	e: Bu	ucken-Kna	appDTSMc	h1.pdf ()	]				
7	201	9-04-1	771219	Update	SUCCESS	1893/3693	Baptists th	1893/722	[Update	e: 16	5. Conclus	ion.pdf (3	000-11-3	0),Update: 15	. Baptis	t Iden	tity.pd	F (3
8	201	9-04-1	776359	Update	SUCCESS	1893/9112	That's may	1893/476	[Update	e: Be	enwell et	al 1st pag	es_Ch2 (	2).pdf ()]				
9	201	9-04-1	776974	Update	SUCCESS	1893/6540	Introducti	1893/158	[No Cha	ange	e: 'Media	Converger	intro	duction.pdf	)]			
10	201	9-04-1	819900	Update	SUCCESS	1893/3274	Designing	1893/172	B [Update	e: Sł	notcrete.p	odf ()]						
11	201	9-04-1	819931	Update	SUCCESS	1893/3152	Productivi	1893/1994	[Update	e: 1-	m.pdf ()]							
12	201	9-04-1	821792	Update	SUCCESS	1893/3288	Regulating	1893/224	5 [Update	e: Re	egulating	Health and	d Safety	in the British	Mining	Indus	tries.po	յ <b>ք (</b>
13	201	9-04-1	821803	Update	SUCCESS	1893/320	The Fores	1893/224	[Update	e: Cł	h 1 The Fo	rest of Bay	onets N	lew.doc (),Up	date: Cł	n 1 Th	e Fores	to
14	201	9-04-1	821835	Update	SUCCESS	1893/2543	Economy	1893/224	5 [Update	e: 02	2MarshEco	onomyfror	nCE3.pdf	f ()]				
15	201	9-04-1	821846	Update	ERROR	1893/2640	i Introducti	1893/224	5 [Update	e:   M	No Bitstre	am UUID f	ound for	WT OutputF	ile ID: 82	21852	- WT O	utp
16	201	9-04-1	823966	Update	SUCCESS	1893/2422	Black 1919	1893/722	[Update	e: ne	ew Ch1-in	troch.pdf	(2999-12	-31)]				
17	201	9-04-1	824244	Update	SUCCESS	1893/3196	Two 1585	1893/722	[Update	e: fii	nal draft S	GHS script.	odf ()]					
18	201	9-04-1	827432	Update	SUCCESS	1893/2024	Growing L	1893/104	5 [Update	e: Cł	hapter1 G	rowing Up	with Tee	chnology.pdf	()]			
19	201	9-04-1	842253	Update	SUCCESS	1893/324	Studying E	1893/104	5 [Update	e: 1_	Book for	Edwin Me	llen Aug	ust 2008.pdf	3000-11	L-30),l	Jpdate:	Bc
20	201	9-04-1	892321	Update	SUCCESS	1893/238	Scottish N	1893/224	5 [No Cha	ange	e: Scottish	n Medical S	ocieties	JJ-indexed.p	df ()]			
21	201	9-04-1	957262	Update	SUCCESS	1893/2823	Data Journ	1893/158	[No Cha	ange	e: Chapter	r 21.pdf (29	999-12-3	1)]				-
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#### **BE THE DIFFERENCE**

## **STORRE Integration Suite of Tools**

Worktribe environment: <u>https://stirling-research.worktribe.com</u> Agresso environment: <b>PRODUCTION MS6 (abwss6.stir.ac.uk)</b>	Build: 6.0.5-SNAPSHOT
Agresso en violiment, FKODUCTION MISO (abwsso.sur.ac.uk) Interface Database: ADMIN PROD Public Web Database: PROD	Refresh Page   home
STORRE Integration - Administration	
Manage STORRE Integration	
Access STORRE Queue	
Manage STORRE Collections/Mappings	
Manage STORRE Communities/Mappings	
Manage WT OutputFile to STORRE Bitstream Mappings	
Manage Worktribe to STORRE Type Mappings	
Export Output to STORRE	
Worktribe ID of Output to migrate: Export Output to STORRE	
Update STORRE Output Export record	
Worktribe Output ID of Output Export record to update: Get Output Export Record	
	]
Calculate Embargo Period (months)	
Embargo Start Date: Calculate Embargo Period	





# **Manage STORRE Collections**

					No Collection identified from Internal Author/Contributor
2019-06-0	1108230	Insert	ERROR	Older people, Social []	Org Units (Economics, Economics) for DSpace type: Policy
					Document;

#### STORRE Integration Admin Index

Create STORRE Collection					
Create STORRE Conection					
Select STORRE Community: Economic	s 🔻	Select STORRE Collection Type: Policy Do	ocuments 🔹	Create Collection	

#### -----

- --- INFO: Attempting to create Collection 'Economics Policy Documents'
- --- INFO: Collection does not exist so creating
- --- INFO: Community 'Economics' has UUID: e3ef2475-288a-4d95-b9c8-22a7039560a3
- --- INFO: New Collection created (1893/27222 63052409-9aa8-4499-bdb5-ae6cbbcb622b)
- --- INFO: Mapping for (new) Collection added to Mapping table: Economics Policy Documents (63052409-9aa8-4499-bdb5-ae6cbbcb622b)
- --- RESULT: New Collection Economics Policy Documents successfully created



#### **BE THE DIFFERENCE**

### **Manage STORRE Community Mappings**

2019-06-0	1108209 Insert ER	ROR	The passing of the "F	[]	No Collection identified from Internal Author/Contributor Org Units (History and Politics - Division) for DSpace type: Conference Paper (unpublished);
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STORRE Integration Admin Index

_	Create WT OrgUnit to STORRE Community mapping		
	oreate wir orgonie to ororate community mapping		
	Select WT Org Unit: History and Politics - Division (50015679)	Select STORRE Community: History and Politics     Create Community Mapping	

**BE THE DIFFERENCE** 

--- INFO: Creating WT OrgUnit to STORRE Community mapping: 'History and Politics - Division|50015679' to 'History and Politics' --- RESULT: New OrgUnit to STORRE Community mapping created



## **Update Bitstream UUID mapping**

								No Bitstream UUID found for WT OutputFile ID: 738157 - WT
								Output ID: 738067; Problem updating Bitstream in DSpace
2019-06-0	738067	Update	ERROR	1893/2393	Saving the	1893/123	[Update: F	for WT OutputFile ID: 738157; There was a problem
								updating this Item's files in DSpace: 1893/23934 (6429b117-
								a00d-4c7d-9cd9-eeb778291307);

#### Bitstream ba148af6-b20e-4c2a-8daa-18e5cfd43747 (Ripple et al 2016 Saving the Worlds Terrestrial Megafauna.pdf)

Upda	te Bitstream U	UID mapping fo	r Worktribe OutputFile					
opuu	te Bristream o	one mapping to	i fontanise output ne					
Worktribe	ID of OutputFile to	o add Bitstream UUII	D Mapping to:	Get OutputFile Ma	pping			
Map ID	Мар Туре	WT OutputFile ID	Filename	E Contraction of the second se	WT Output ID	STORRE Bitstream UUID	STORRE Item UUID	STORRE Handle
185562	STORRE_FILE	738157	Ripple et al 2016 Saving the World's	Terrestrial Megafauna.pdf	738067	ba148af6-b20e-4c2a-8daa-	6429b117-a00d-4c7d-9cd9-eeb778291307	1893/23934

Update STORRE\_FILE Mapping

Use this utility if you get an error message that there is no STORRE Bitstream mapping for a given WT OutputFile when exporting a WT Output to STORRE. You should be able to locate the required bitstream in STORRE, determine it's UUID, and then create a mapping for that OutputFile to the appropriate Bitstream UUID.

**BE THE DIFFERENCE** 



### Delete, Update, Create, and Other Useful Tools

Delete Worktribe Output from	n STORRE		
WARNING: Only use this if	f you are certain you want to remove this Output from S	TORRE	
Worktribe ID of Output to remove from S	STORRE: Remove Output from STORRE		
This will delete the STORRE record ass	ociated with this WT Output and remove references to it from the WT Output record	I (enabling this WT Output to be exported to a new STORRE record if needs be).	
Update/Set STORRE Handle o	on Output Record		
WARNING: Only use this if	you are certain you want to update the STORRE Hand	le on this Output record	
Worktribe ID of Output to update:	STORRE Handle to update to:	Update/Set Handle on Output	
	remove any "old" files associated with that STORRE record).	C Statistic Linguis Americanis Supplement C → 0 C ) L Statistic applement (Sequence) (Se	
1	Interior Datase AMIN' Net  Visit Net Datase Diff INTERIOR DATASE DIF INTERIOR DATASE DIFF INTERIOR DATASET	Jarden 2 Daubare ADMET FROD Multi Vio Jimmer FROD Worktribe Outputs Admin Page Connor for WT Ooper/D 198644 Connor Gen WT Ooper/D 198644 Connor Gen WT Ooper/D 198644 Connor General Connor General Participation (Connor General Participation) (Connor General Connor General Participation) (Connor General P	
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# Thanks for listening!



