

# **Field to CDMS Repository and Everything in Between**

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Tribal Data Workshop

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# Field to Repository: Everything In-Between



Survey123  
for ArcGIS



NPT CDMS

# Migrate, Compile, and Import: an SSIS Dataflow

## 1) Migrate (Extract)

- .csv files exported to file server from ArcGIS Portal
- Data tables (x4) moved into SQL tables

## 2) Compile (Transform)

- Create header for Redd and Carcass datasets; assign dataset ID's
- Assemble all data into a single flat file format
- Convert values into CDMS standards

## 3) Import (Load)

# Location Data

AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM
Transects_BIG	Transects_BURNTLOG	Transects_EFSFSR	Transects_GROUSE_JCAPE	Transects_JOHNSON	Transects_LAKE	Transects_LICK_JCAPE	Transects_LTSLATE	Transects_MEADOW_JCAPE	Transects_SECESH	Transects	Transects_SFJR_JCAPE	Transects
					Lake Creek: Transect - 1							
				Johnson Creek: Transect - 2								
				Johnson Creek: Transect - 1								
									Secesh River: Transect - 1			
									Secesh River: Transect - 4			
											South Fork Salmon River: Transect	
					Lake Creek: Transect - 1							
					Lake Creek: Transect - 1							
Big Creek: Transect - 2												
Big Creek: Transect - 1												
		East Fork South Fork Salmon River: Transect - 1										
Big Creek: Transect - 2												
		East Fork South Fork Salmon River: Transect - 2										
		East Fork South Fork Salmon River: Transect - 1										
				Johnson Creek: Transect - 3								
				Johnson Creek: Transect - 1								
		East Fork South Fork Salmon River: Transect - 3										
		East Fork South Fork Salmon River: Transect - 4										
		East Fork South Fork Salmon River: Transect - 6										
		East Fork South Fork Salmon River: Transect - 5										
		Grouse Creek: Transect - 1										
									Secesh River: Transect - 4			
									Secesh River: Transect - 3			
				Johnson Creek: Transect - 5								
				Johnson Creek: Transect - 5a								
				Johnson Creek: Transect - 5								
				Johnson Creek: Transect - 5a								
	Burntlog Creek: Transect - 1											Sugar Creel
	Burntlog Creek: Transect - 3											
	Burntlog Creek: Transect - 2											
				Johnson Creek: Transect - 4								
				Johnson Creek: Transect - 4								
				Johnson Creek: Transect - 4								
				Johnson Creek: Transect - 4								
			Grouse Creek: Transect - 1									

- ISAM Transects  
 ,(ISNULL(Transects\_BEARGULCH,)  
 +ISNULL(Transects\_BLACKHORSE,)  
 +ISNULL(Transects\_CAMP\_ISAM,)  
 +ISNULL(Transects\_CRAZYMEN,)  
 +ISNULL(Transects\_DEVILSGUL,)  
 +ISNULL(Transects\_DRY,)  
 +ISNULL(Transects\_FREEZEOUT,)  
 +ISNULL(Transects\_GROUSE,)  
 +ISNULL(Transects\_GUMBOOT,)  
 +ISNULL(Transects\_IMNAHA\_ISAM,)  
 +ISNULL(Transects\_LICK\_ISAM,)  
 +ISNULL(Transects\_LTSHEEP,)  
 +ISNULL(Transects\_MAHOGANY,)  
 +ISNULL(Transects\_MORGAN,)  
 +ISNULL(Transects\_NFGUMBOOT,)  
 +ISNULL(Transects\_RICH,)  
 +ISNULL(Transects\_SKOOKUM,)

- JCAPE Transects  
 +ISNULL(Transects\_BIG,)  
 +ISNULL(Transects\_BURNTLOG,)  
 +ISNULL(Transects\_EFSFSR,)  
 +ISNULL(Transects\_GROUSE\_JCAPE,)  
 +ISNULL(Transects\_JOHNSON,)  
 +ISNULL(Transects\_LAKE,)  
 +ISNULL(Transects\_LICK\_JCAPE,)  
 +ISNULL(Transects\_LTSLATE,)  
 +ISNULL(Transects\_MEADOW\_JCAPE,)  
 +ISNULL(Transects\_SECESH,)  
 +ISNULL(Transects\_SLATE,)  
 +ISNULL(Transects\_SFJR\_JCAPE,)  
 +ISNULL(Transects\_SUGAR,)  
 +ISNULL(Transects\_SUMMIT,)

-NPTH Transects  
 +ISNULL(Transects\_ALPOWA,)  
 +ISNULL(Transects\_BALDY,)  
 +ISNULL(Transects\_CAMP\_NPTH,)  
 +ISNULL(Transects\_CLW,)  
 +ISNULL(Transects\_DEEP,)  
 +ISNULL(Transects\_ELDORADO,)  
 +ISNULL(Transects\_FISHING,)  
 +ISNULL(Transects\_GRANDRONDE,)  
 +ISNULL(Transects\_IMNAHA\_NPTH,)  
 +ISNULL(Transects\_JOSEPH,)  
 +ISNULL(Transects\_LGNDDBR,)  
 +ISNULL(Transects\_LOLO,)  
 +ISNULL(Transects\_MEADOW\_NPTH,)  
 +ISNULL(Transects\_MFCLW,)  
 +ISNULL(Transects\_MILL,)  
 +ISNULL(Transects\_MUSSEL,)  
 +ISNULL(Transects\_NEWSOME,)  
 +ISNULL(Transects\_NFCLW,)  
 +ISNULL(Transects\_OHARA,)  
 +ISNULL(Transects\_PILOT,)  
 +ISNULL(Transects\_POTLATCH,)  
 +ISNULL(Transects\_SALMON\_NPTH,)  
 +ISNULL(Transects\_SELWAY,)  
 +ISNULL(Transects\_SFCLW,)  
 +ISNULL(Transects\_SFJR\_NPTH,)  
 +ISNULL(Transects\_WALLOWA,)  
 +ISNULL(Transects\_WENAH,)  
 +ISNULL(Transects\_YOOSA,)  
 ) AS Transect