Session ID: 664 Wednesday, 3:50 pm-4:30 pm Room: Marina Ballroom Salon

## West Chester University

## Something Old, Something New, Something Borrowed, the End of the Extraction Blues

## Using Monarch Pro Software...





# Using Monarch Software Something Old...

Current 1	Database Information as of A	JG 15, 2003	Correction
Per	sonnel Demographic Informatio	on	
SS#:	999999999	==> _	
Prfx/Name/Sufx:	Dr. XXXX XXXXXXXXXXXX	==> _	
Other Name:		==> _	
	(Last name of spouse or othe	<u>}</u>	
		PRN, TXT,	DAT, HTM,
Address:	628 South Street	scanned tex	t FTC Files that
		scanned tex	
City/St/Zip:	West Chester, PA 19380	don't lend i	tself to easy export
Township:	WEST GOSHEN	into Access	/Excel/SPSS/etc
County:	CHESTER		/LACCI/51/55/CtC
Home Phone:	610-XXX-XXXX	==> _	

Please return to your Department Chair on or before SEP 05,



# Using Monarch Software Something New...

	ID	SS#	Prfx_Name_Sufx		Address1
1	C	5	Dr. Richard Branton==>		414 West Barnard Street
2	3	7	Joseph Caspar==>		1742 Towne Dr
3	1	0	Mr. Douglas M. Eglington==>		340 Bala Terrace
4	1	1	Gail M. Gallitano==>		205 Snowberry Way
5	3	9	Robert Gallop==>		24 Rampart Street, East
6	2	5	Dr. Peter L. Glidden==>		701 Clover Ridge Drive
7	C	5	Dr. Frank Grosshans==>	<b>TT</b> 7	
8	C	1	Dr. Shiv Gupta==>	W	ill Export with MONARCH
9	2	5	Patricia L. Gysling==>		Box 45
10	1	0	Ms. Kathleen B. Jackson==>		17 Rossiter Avenue
11	1	2	Clifford Johnston==>		1544 Broad Run Road
12	C	6	Dr. John J. Kerrigan==>		3 Bell Brook Drive
13	3	9	Prof JoAnn H. Kump==>		797 Merrimac Lane
14	3	7	Carmen Laurelli=>		207 Margaret Lane
15	1	7	Ms. Barbara Maleno=>>		403 Warren Boulevard
16	3	4	Lisa Marano==>		300 E. Evans St P-267
17	0	4	Prof Christine A. Matus==>		2 Waterview Road Apt. L-5
18	(	4	Mr. Frank E. Milliman==>		317 Trinity Drive
19	0	6	Prof Joseph Moser==>		9 Keller Way
20	2	6	Mr. Viorel Nitica==>		1215 Bridgewater Drive
21	-		Deniel Deniek		202 Abandaan Ausania



# Using Monarch Software-Agenda

### **Extracting Data**

Creating Data-Extraction Templates-Detail Templates Trapping Floating Traps Append Templates Extracting addresses with varying record lengths

### **Exporting Data**

Exporting Data Filters Exporting Selected (Filtered) Records

### Using Monarch for "Data Massaging"

Field Types Record Sorts Calculated Fields

# Using Monarch Software-Extracting Data-

## Creating Data Extraction Templates-Detail Templates

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»	Dennis	Bender	624 Holiday Hill	Burlington	MA	01803	11/20/94	М	Shipping
»	Norman	Ungermann	1615 Del Terrace	Concord	MA	017	Detail R	റെറ	rd
»	Arnold	Finnley	207 Anglewood Rd	Littleton	MA	014			11
»	William	Daley	5 Dixwell Blvd	Lexington	MA	021-(	a. select b	y do	ouble
»	Mary Beth	Stancowicz	91 Belmont Dr	Maynard	MA	017 C	clicking to	left	of record)
»	Robert	Tracy	23 Mountain View	Maynard	MA	01754	12/12/87	М	Data Processing
»	Eugene	Bradford	888 Centre Park Rd	Brookline	MA	02146	07/24/95	М	Marketing
»	Doug	Williams	9 Lawrence St	Burlington	MA	01803	02/26/90	М	Data Processing
»	Francis	Lavois	PO Box 1752	Burlington	MA	01803	10/26/93	М	Data Processing
»	William	Connely	248 Washington St	Jamaica Plain	MA	02130	03/12/90	М	Marketing
»	Andrew	Bass	44 South Park St	Fitchburg	MA	01420	03/18/89	М	Data Processing
»	Howard	Loniere	472 North Vincent	Revere	MA	02151	04/30/89	М	Shipping
»	Abe	Carver	101 Mayflower St	Sudbury	MA	01776	04/04/91	М	Shipping
»	Don	Craig	1899 Abilene St	Burlington	MA	01803	08/14/94	М	Production
»	David	Banning	100 Catherine Ave	Burlington	MA	01803	12/18/93	М	Marketing

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	Arnold	Finnley	207 Anglewood Rd	Littleton	MA	01460	05/25/81	М	Shipping	
	William	Daley	5 Dixwell Blvd	Lexington	MA	02173	01/30/83	M	Accounting	
	Mary Beth	Stancowicz	91 Belmont Dr	Maynard	MA	01754	10/11/87	F M	Accounting	
	Eugene	Bradford	888 Centre Park Rd	Brookline	MA	02146	07/24/95	M	Marketing	
	Doug	Williams	9 Lawrence St	Burlington	MA	01803	02/26/90	М	Data Processin	



# Using Monarch Software

## Extracting Data-

#### Creating Data Extraction Templates-Detail Templates

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# Using Monarch Software Extracting Data-



### Trap Icons:



Nest Chester University

Alpha Character Trap



- Blank Character Trap
- Numeric Character Trap



- Non-Blank Trap
- Numeric OR (ex. 5 | 6)



- Postal Trap (variable lines)
- **H** Auto Define Fields

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## Using Monarch Software-Extracting Data-

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June 20, 2005

West

Chester University

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## Using Monarch Software-Extracting Data-Floating Traps

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Columns are not in same place for every DETAIL record

## Using Monarch Software-Extracting Data-

### **Floating Traps**

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West Chester University



# Using Monarch Software-Using Data-

Append Templates (after defining detail template)

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MEDIA QTY DESCRIPTION		LABEL/NO.	UNT_PRC	AMOUNT		
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CD 4 Bartok, Sonata	for Solo Violin	MK-42625	8.99	35.96		
2 Luening, Electr	conic Music	420831-2 CD 611	10.19	20.38		
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CD 11 Beethoven, Path	etique Sonata, Arau	420153-2	5.99	65.89		
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10 Pizzetti, Messa	ai kequiem	CHAN 8964	9.59	95.90		





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West Chester University	E	Extracting Data-	
	A	Append Templates	
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West Chester University

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		ACCOUNT NUMBER: 11887		
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	June	20, 2005	West Chester University	18

Using Mc	onarch Software-
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Trapping Addresse	s of variable record lengths
OR O Page Header  ⊙ Append  ○ Detail ne: 1  ➡ of 1  ➡	Cancel <u>H</u> elp ○ Footer □ Eloating Trap
IOMER:         IOMER: Betty's Music Store         D1/01       CLASSICI         D1       CLASSICI         17       MONTHI         94       FROM 04         IOMER:       Betty's Music Store         Muscatine       Plaza         200       Lower Muscatine	Field Properties - eg_Betty's Music Store         General         Advanced         Start Field On         Image: String: String
Cedar Falls, IA 50613 USA DUNT NUMBER: 11887 IACT: Betty Yoder IA QTY DESCRIPTION ORDER NUMBER: 53601	<ul> <li>End Field On</li> <li>Fields always end on a new templets or There can be an additional stop conditional stop condit</li></ul>
<ul> <li>4 Bartok, Sonata for Solo</li> <li>7 Mozart, Mass in C, K.42</li> <li>2 Luening, Electronic Mus</li> <li>9 Scarlatti, Stabat Mater</li> </ul>	By default, fields start and end on a specific line number.         Use the other conditions above for text containing varying start lines or paragraphs.         OK       Cancel

West Chester University

Using Monarch Softw	vare-
West Chester University Extracting Data-	
Trapping Addresses of variable reco	rd lengths
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June 20, 2005 West Chester University	20

#### Using Monarch Software-West Chester University Extracting Data-Trapping Addresses of variable record lengths

I CUSTOMER: S CUSTOMER: Betty's Music Store 05/01/01 CLASSICAL MUSIC DISTRIBUTORS 10:17 MONTHLY SHIPPING REPORT MSR94 FROM 04/01/01 TO 04/30/01 CUSTOMER Betty's Music Store Muscatine Plaza 200 Lower Muscatine Cedar Falls, IA 50613 USA ACCOUNT NUMBER: 11887 CONTACT: Betty Yoder 4. **Customer Field** MEDIA QTY DESCRIPTION LABEL/NO. UNT PRC ORDER NUMBER: 536017 SHIP DATE: 04/06/01

	Using Monarch Software-									
West Chest Unive	West Chester University Extracting Data-									
	Trapping Addresses of variable record lengths									
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		5	536039 4/21/2001	11887	Betty's Music Store M					
		6	536039 4/21/2001	11887	Betty's 4. Customer Field					
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		11	536016 4/5/2001	17959	Big Shanty Music 365					
		12	536016 4/5/2001	17959	Big Shanty Music 365					

#### **Using Monarch Software-**West **Extracting Data-**Chester University **Trapping Addresses of variable record lengths** Betty's Music Store Muscati CD 11 Beethoven, Pathetique Sonata, Arau 420153-2 5.99 65.89 Betty's M **8.99** 71.92 Address Block Wizard - Output Fields × Betty's N 9.59 95.90 0.79 64.74 Betty's N Output Field Name Item Address line 1 Name Place a check next to each item you 5.99 35.94 Betty's N wish to extract. As you select each **Big Shar** 8.99 53.94 Address line 2 Address1 item a default output field name will be filled in automatically, using the **Big Shar 9.00** 9.00 Address line 3 prefix below. Edit the output field **Big Shar** 8.99 26.97 names if desired. Address line 4 9.59 57.54 **Big Shar** Address line 5 **3ig Shar** Customer Field 4. Address line 6 3ig Shar Prefix for default names **Big Shar** City City f. Go through wizard... Bluegras Region NOTES: Bluegras Postal Code Zip I renamed fields Bluegras Country County I blanked out Default Name Bluegras **Clear Field Names** Error Code Bluegras Prefix Musique 9.00: 90.00 Musique 9.60 48.00 Help < Back Finish Cancel 7.79 38.95 Musique 9.60 57.60 Musique du Monde 170 Ru 6 Rogers, Slaughter on Tenth Avenue CDD 275 Musique du Monde 170 Ru DCC 10 Paganini, 24 Caprices for violin. 9.59 95.90 DCC 120 Musique du Manda 170 Du TADE 9 Vivaldi Consertes for Deserter ADTD 1156 5 00 47 00

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╢	Trapping Addresses of variable record lengths									
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		8.99	35.96	Betty's Music Store Muscatine	Betty's Music Store	Muscatine Plaza	Cedar Falls	50613		
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		5.99	35.94	Betty's Music Store Muscatine	Betty's Music Store	Muscatine Plaza	Cedar Falls	50613		
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#### **Using Monarch Software-**West Chester University **Exporting Data-Exporting** Data Classic.pm - Monarch Pro - [Table] File Edit Data Options Window Help Close All **(1)** Tahoma Ctrl+J Save Project eq Betty's Music Store Save Project As ... Betty's Music Store Muscati Save Portable Report... Betty's Music Store Muscati Save Model Ctd+S Betty's Music Store Muscati Save Model As... A+htO Betty's Music Store Muscati Project & Model Information... Betty's Music Store Muscati Betty's Music Store Muscati Export... Project Exports... Betty's Music Store Muscati Betty's Music Store Muserti Page Setup... Betty's Music S In TABLE view Print Preview Big Shanty Mus Export from File menu Ctrl+PtO Print Big Shanty Music 3658 Spri Print Setup...

June 20, 2005

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West Chester University

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Using Monarch Software-									
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#### Using Monarch Software-West Chester University Exporting Data-Exporting Selected (Filtered) Records

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# Using Monarch Software-

West Chester University Using Monarch for "Data Massaging"

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## Using Monarch Software-Using Monarch for "Data Massaging"

**Record Sorts** 

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# Using Monarch Software-Using Monarch for "Data Massaging"

## Calculated Fields

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## Using Monarch Software-Using Monarch for "Data Massaging" Multiple Instance of the Report



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## Using Monarch Software-

**Questions**?



## Using Monarch Software-

### Contacts

http://www.datawatch.com/index.asp 1-978-441-22

http://www.hallogram.com/monarch/ 1-866-340-3404

Dr. Mary Lou D'Allegro, West Chester University mdallegro@wcupa.edu