Reporting Out

Setting up an ODBC connection to make your own ArchivesSpace reports in MS Access

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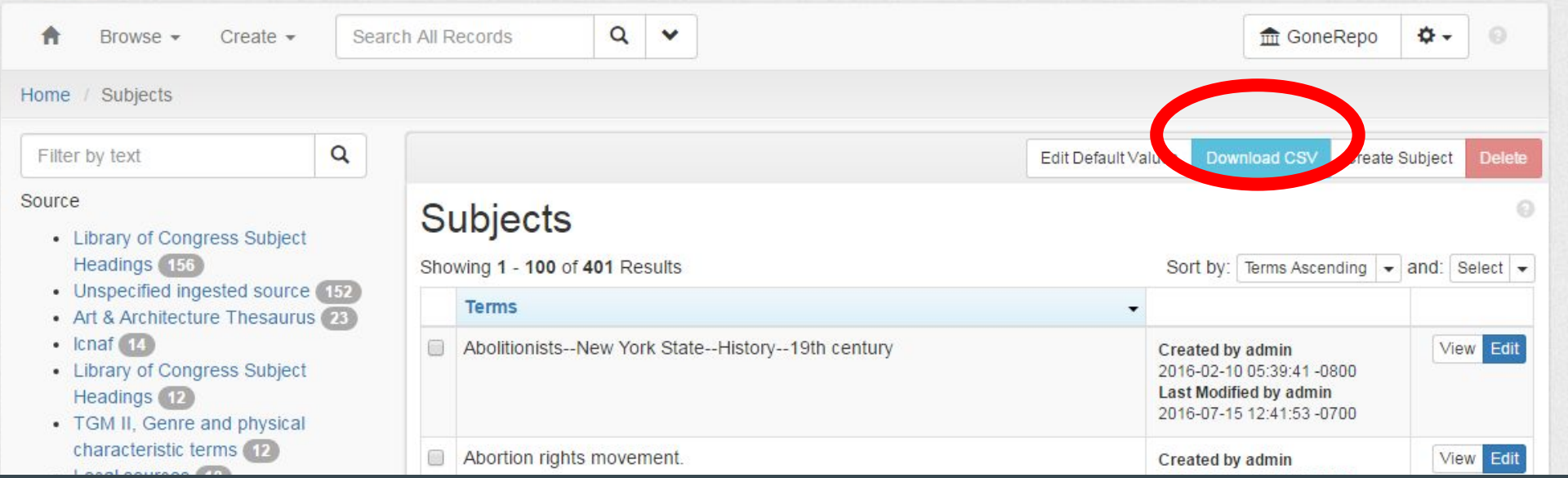
Credit to:
Nancy Enneking (Getty) and **Laurel McPhee** (UC-San Diego)

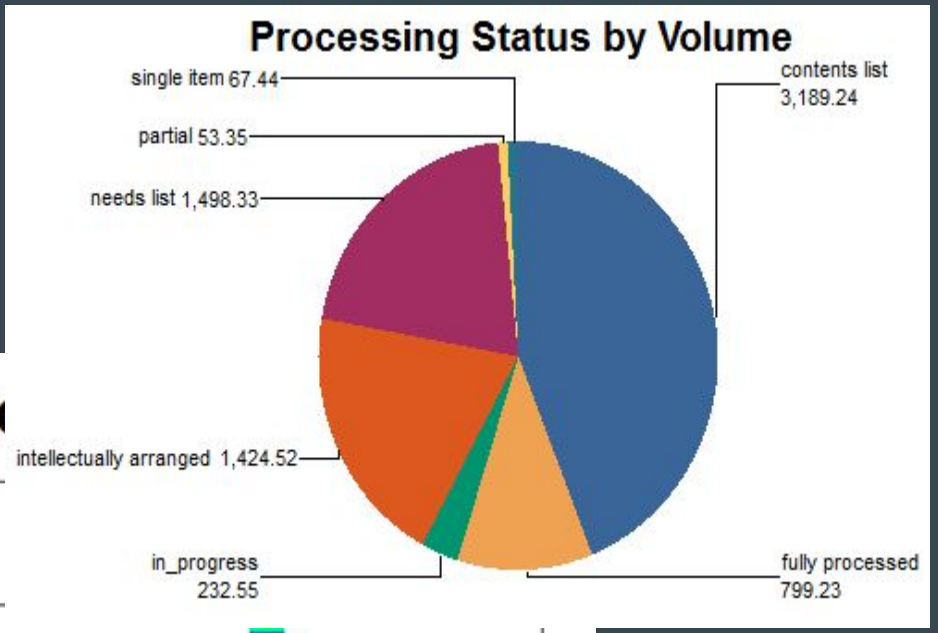
Reports in ArchivesSpace

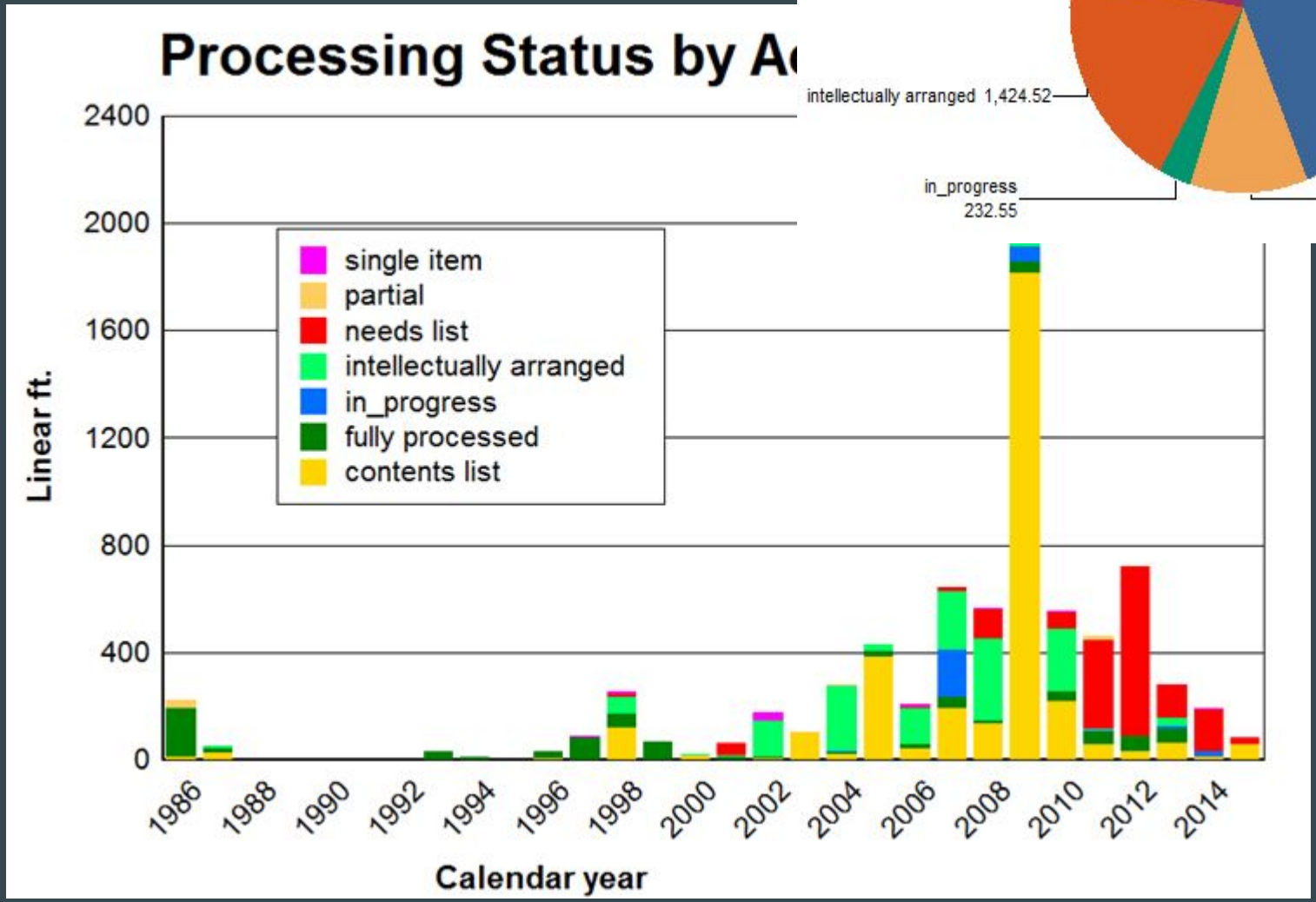
- UAC sub-team: https://archivesspace.atlassian.net/wiki/display/AC/2015-16+Reports
- 1.4 - Many (most?) of the reports don't work for us
- 1.5
  - Reports moved to background jobs, limited choices, still buggy
  - New! Download CSV from browse/search results pages



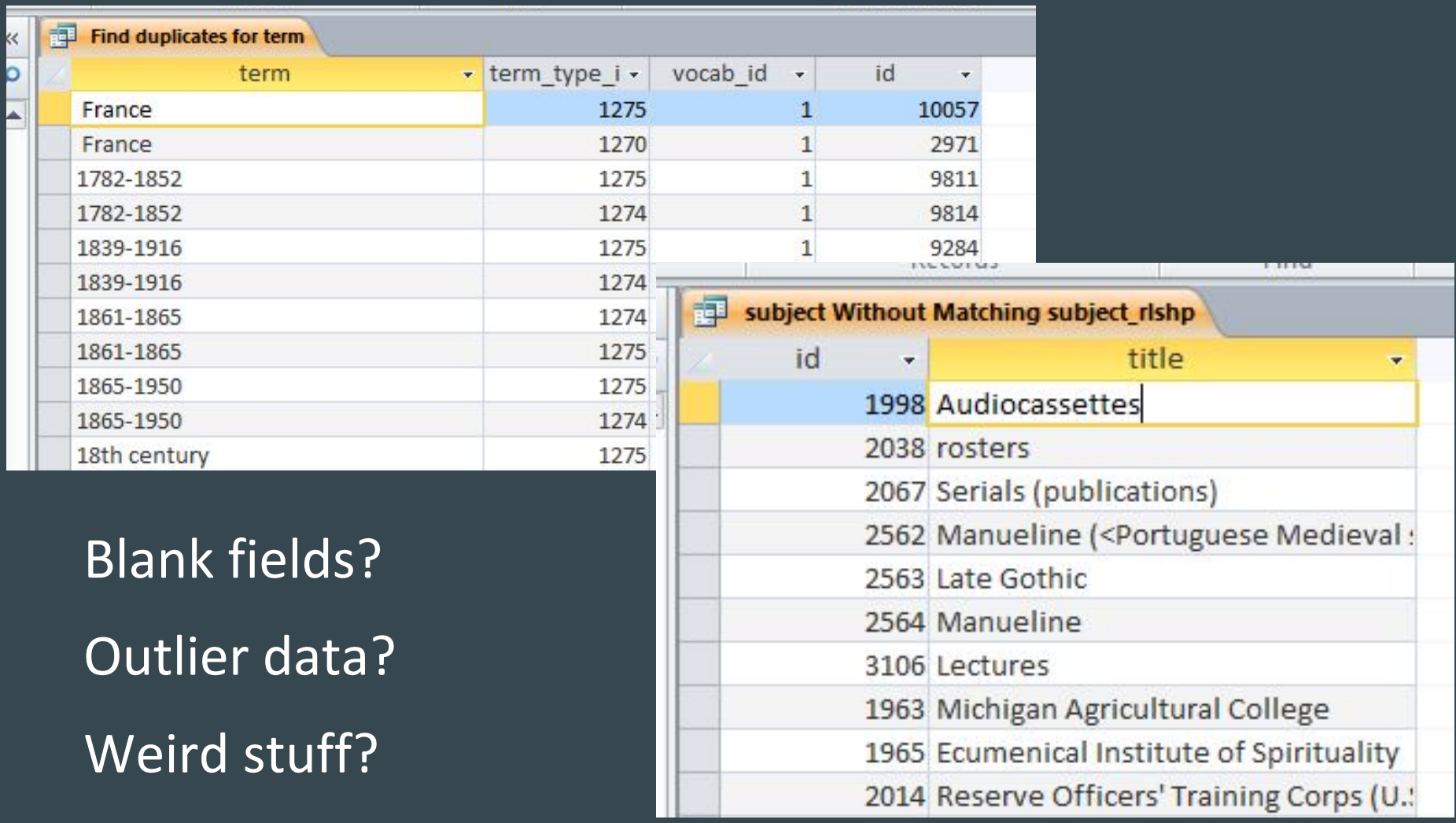
Results.....

(*Slide by Nancy Enneking)





More results…
(TriCo use for subject clean-up)



Find duplicates for term

term	term_type_i	vocab_id	id
France	1275	1	10057
France	1270	1	2971
1782-1852	1275	1	9811
1782-1852	1274	1	9814
1839-1916	1275	1	9284
1839-1916	1274		
1861-1865	1274		
1861-1865	1275		
1865-1950	1275		
1865-1950	1274		
18th century	1275		

subject Without Matching subject_rlshp

id	title
1998	Audiocassettes
2038	rosters
2067	Serials (publications)
2562	Manueline (<Portuguese Medieval :
2563	Late Gothic
2564	Manueline
3106	Lectures
1963	Michigan Agricultural College
1965	Ecumenical Institute of Spirituality
2014	Reserve Officers' Training Corps (U.:

Blank fields?

Outlier data?

Weird stuff?

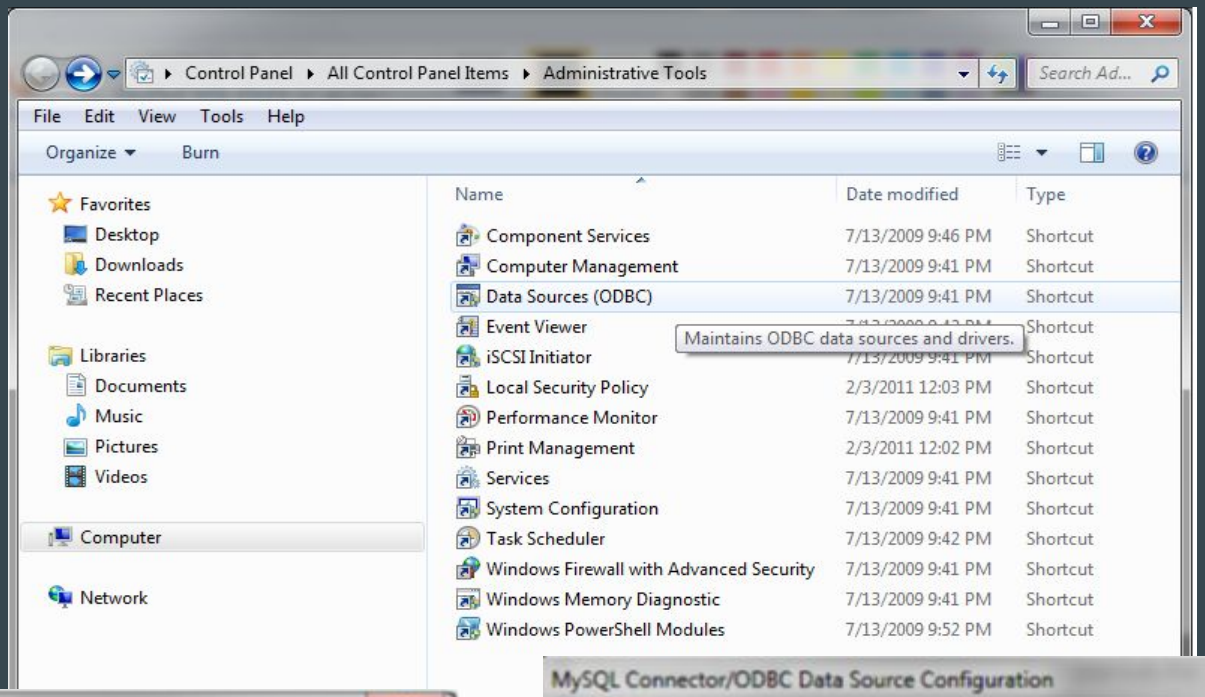
Prepping to set up ODBC

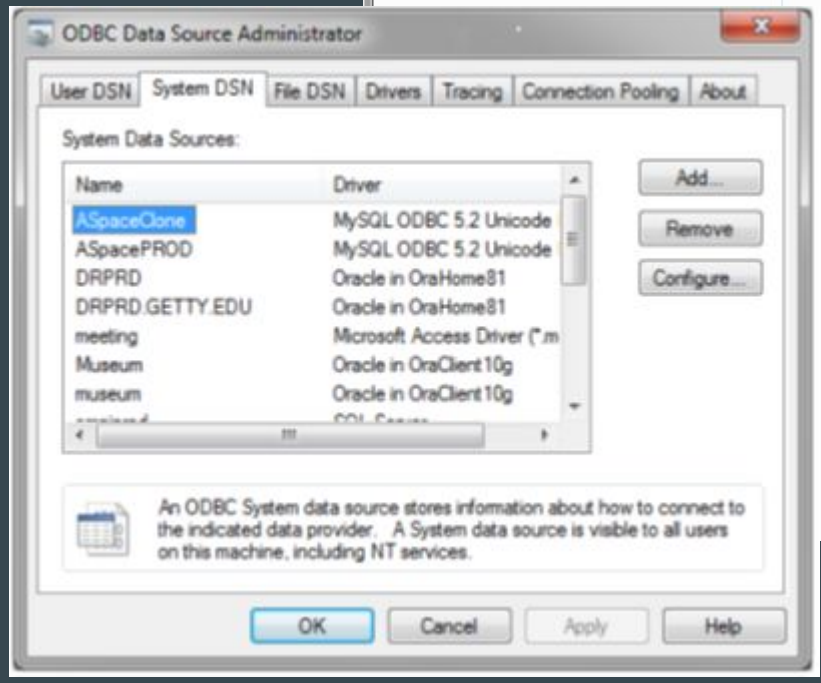
- On your computer: download an ODBC connector, install both 64-bit and 32-bit drivers dev.mysql.com/downloads/connector/odbc/

- Ask IT/admin to please:
  - Create a new user in the MySQL database with READ-ONLY access, can get through any firewalls for both server and database
  - Tell you the address for connection to the MySQL database and the username/password created on the server side

Establishing an ODBC connection with the server

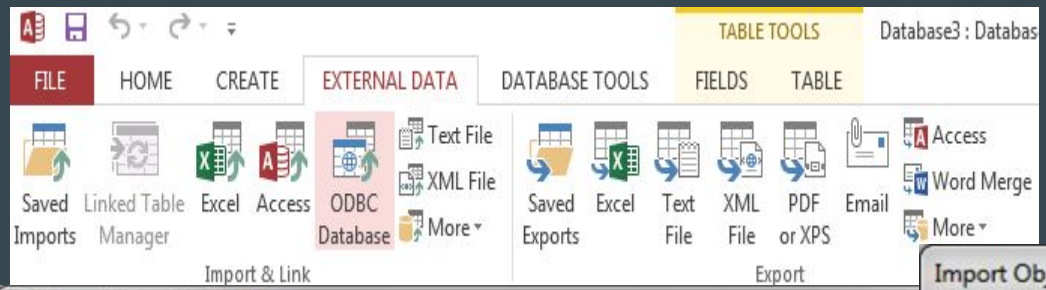
(*Slide by Nancy Enneking)

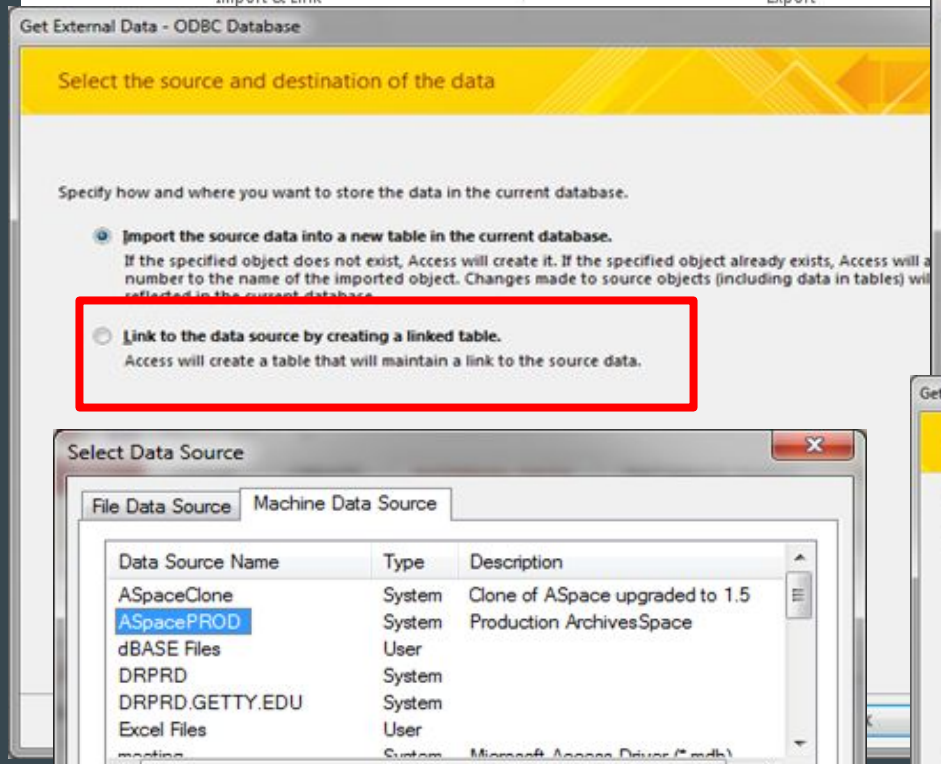


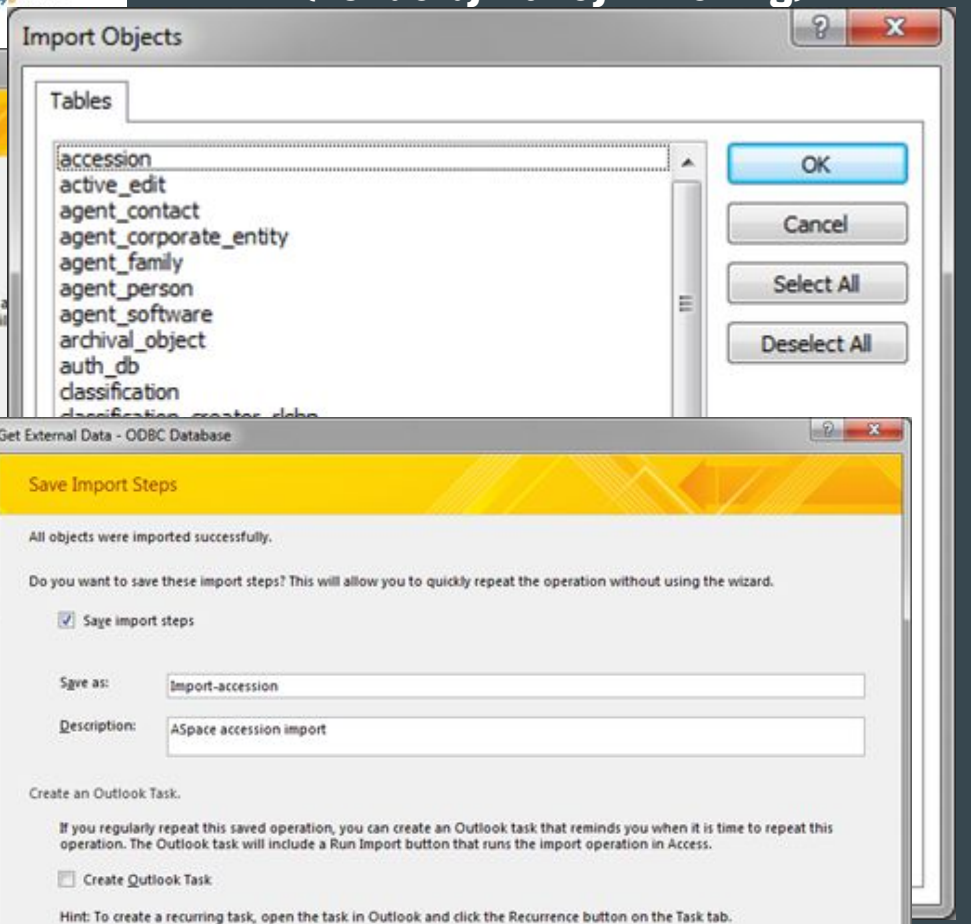


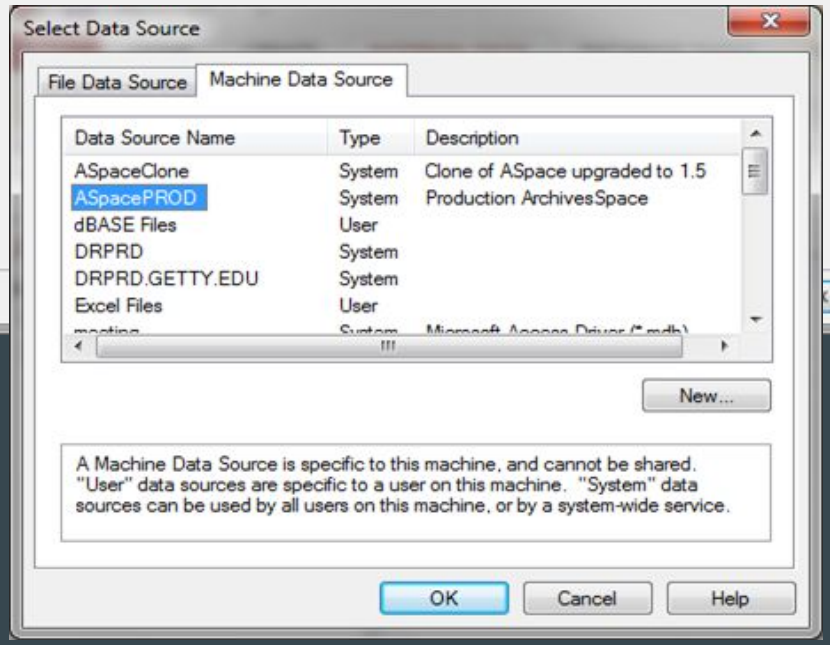
Connecting with Access

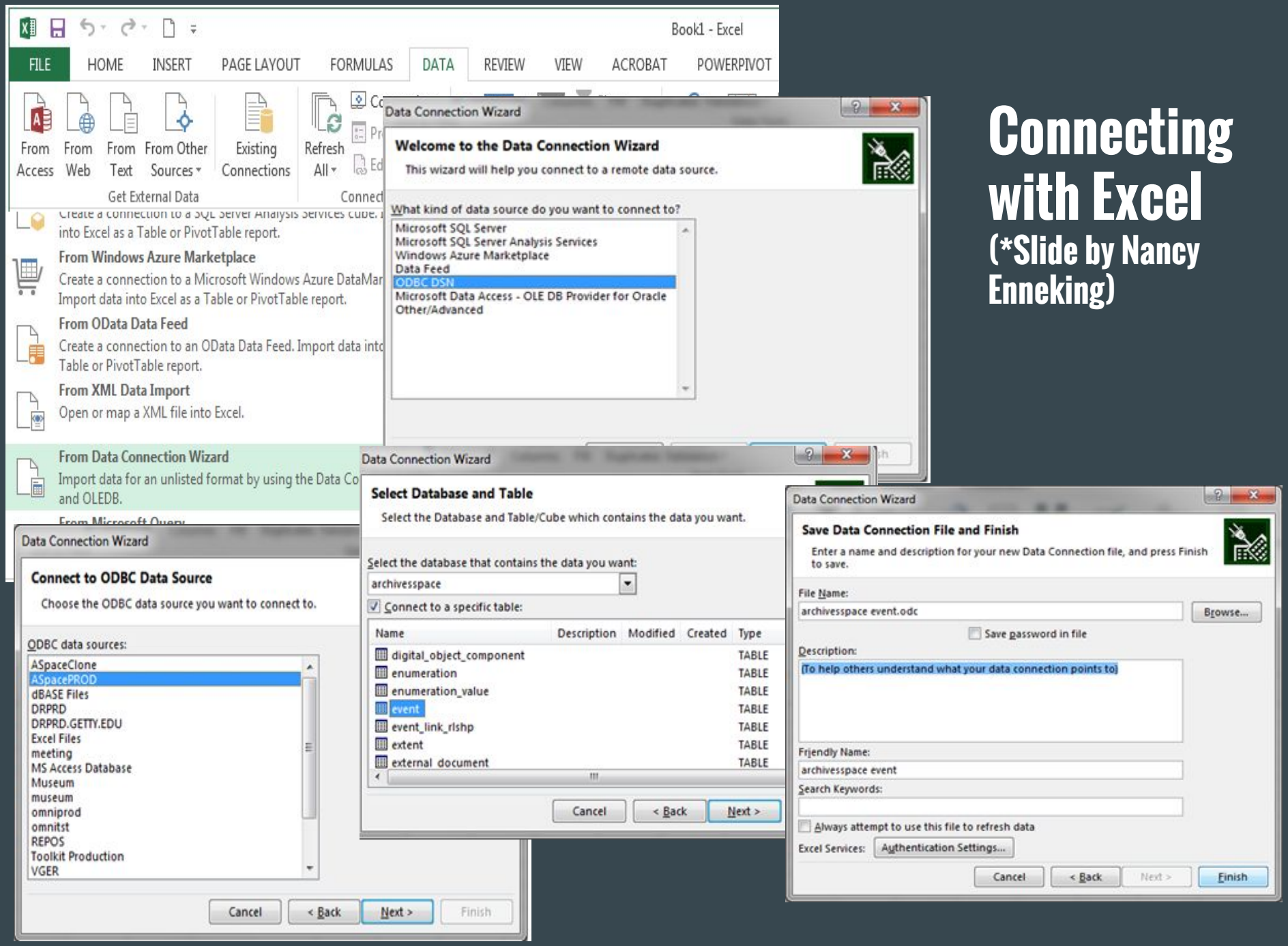
(*Slide by Nancy Enneking)





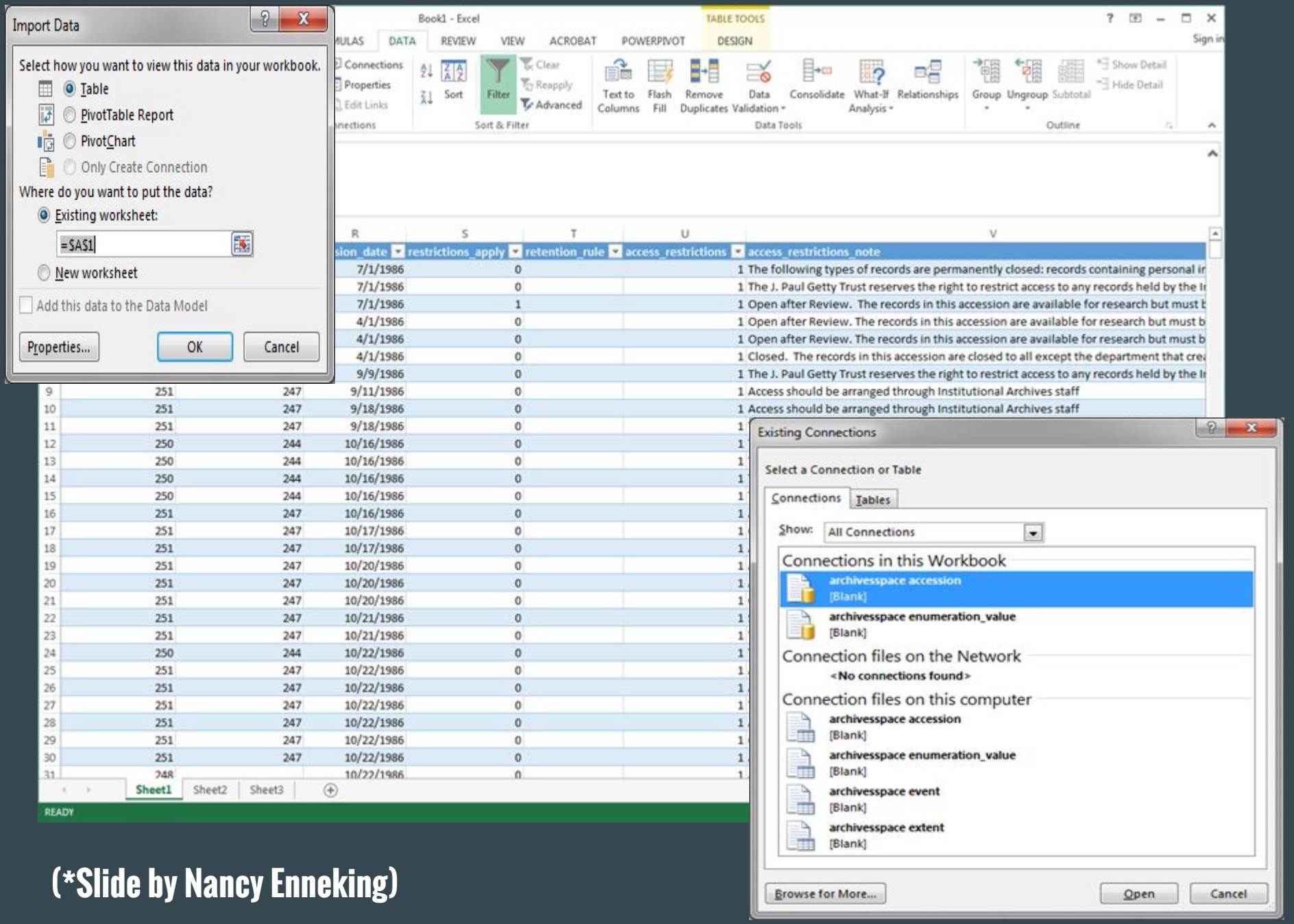






Connecting with Excel

(*Slide by Nancy Enneking)



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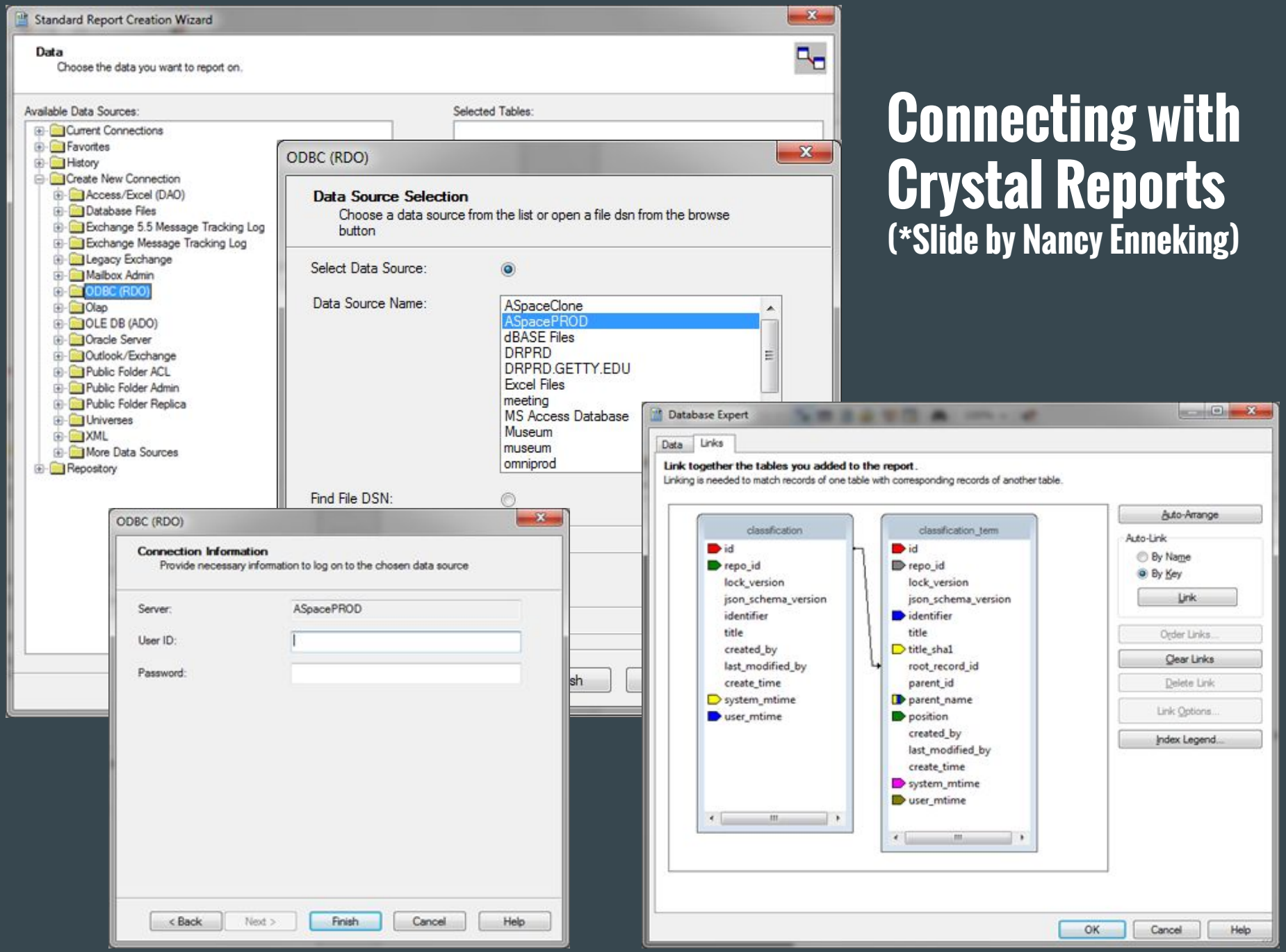


Connecting with Crystal Reports

(*Slide by Nancy Enneking)

Tip: Have to understand relationships to understand each table

Records | Find | Text Formatting

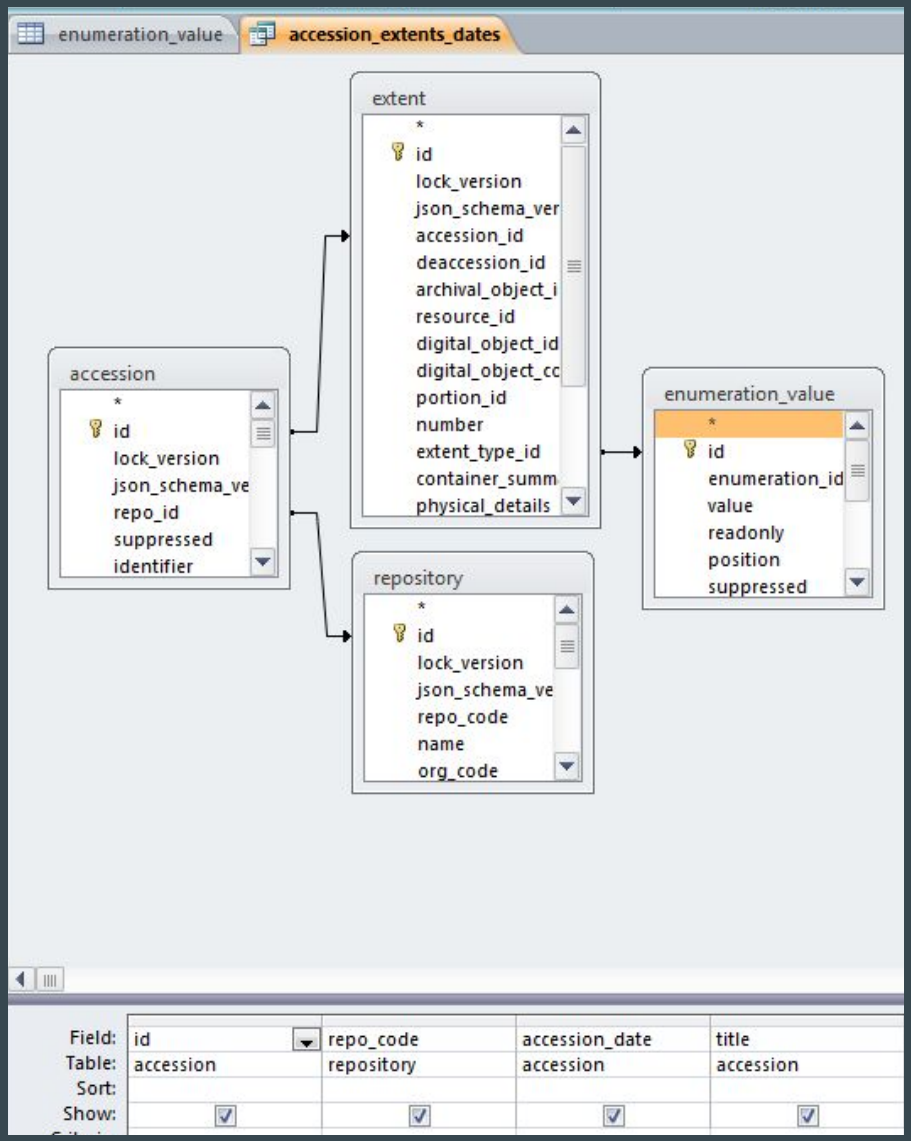
extent

id	accession_ic	number	extent_type	container_s	physical_de	dimensions
2412	2085	5	276	5 items		
2517	2190	10	276			
2540	2213	1	276	1 leaf		
2542	2215	5	276	5 leaves		
2547	2220	19	276	1 item (19 leav		
2549	2222	8	276	8 leaves		
2558	2231	14	276	14 leaves		
2559	2232	11	276	11 leaves		
2574	2247	5	276	5 leaves		
2579	2252	3	276	1 letter + attach		
2583	2256	3	276	1 item (3 leave		
2584	2257	4	276	2 items (4 leav		
2598	2271	1	276	1 leaf		
2600	2273	17	276	3 items, 17 leav		
2601	2274	8	276	1 item, 8 leave		
2607	2280	162	276	162 leaves (2 cr		
2609	2282	7	276	7 sheets (.5 cm		
2612	2285	4	276	4 leaves		

enumeration_value is key!

enumeration_value

id	enumeration_id	value
268	12	still_image
269	12	text
270	13	collection
271	13	work
272	13	image
274	14	cubic_feet
275	14	gigabytes
276	14	leaves
277	14	linear_feet
279	14	photographic_prints
280	14	photographic_slides
281	14	reels
284	14	volumes
285	15	accession
286	15	accumulation
287	15	acknowledgement_sent
288	15	acknowledgement_receiv
289	15	agreement_signed
290	15	agreement_received
291	15	agreement_sent
292	15	appraisal
293	15	assessment
294	15	capture
295	15	cataloged
296	15	collection
297	15	compression
298	15	contribution



Thank you!

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