

SESSION TWO

DATA MODELLING WITH DATABASES AND XML

DATA

During this course we will be looking at translations from the Reformation period (from 1483 to 1550). We will be looking at who was translating whom, where and when, and about what subject. We'll be talking about creating datasets later on in the course, but, for pragmatic reasons, our dataset for this course is taken from the English Short Title Catalogue, which covers books printed in England or in English from 1483 to 1800.

ACTIVITY – CREATE A DATABASE

Download the four data tables from the resources for this session. These form the basis of a database. Take a moment to see how the tables relate to one another.

Go to the advanced search screen of the ESTC. Search for "translation" within the date range 1483 – 1550. Make sure you use the correct syntax in the "year" field! Click "Go".

Home Abo	ut Se	arch Resu	ults Previo	us search	es My fold	er	
Basic search	Adv	anced search	Browse	Browse	Libraries Lis	t	
Advanced Search of ESTC							
<u>Quick tips - for this page</u>							
Soarch by			d or phrac	•	Evactin	hraco?	No of records
Search by	_	Type work		e	Exact p	mase:	No. of records
Word(s) anywhere	~	translatio	n		🔍 No	🔾 Yes	<u>567</u>
Word(s) anywhere	~				🔍 No	🔿 Yes	
Word(s) anywhere	~				🔍 No	🔿 Yes	
Click Total number of docs to view records. Total: <u>567</u>					al: <u>567</u>		
Go Clear							
Limit search to:							
Language:	All			~]		
Year:	1483->1550 yyyy (Use -> to limit to			to limit to	a range of years, e.g. 1790->1799)		
Item Format:	(e.g. obl.120 for obl.12mo or 1/40 for 1/4mo)						
Country:	All						







EMMA.HUBER@BODLEIAN.OX.AC.UK

The number of records will appear on the right. Click on this to see all the records. Pick any number between 1 and 567 and go to this record.

Organise the information from the record into the four database tables.

For example, this record:

Full Record

<u>Permalink</u>

Format options: Standard format Summary MARC tags HOLDINGS DETAILS

Record 1 out of 1		\leftarrow Previous record	Next record	÷		
ESTC System No.	006176444					
ESTC Citation No.	S104745					
Author - personal	Lemaire de Belges, Jean, 1473-1524?.					
Uniform title	• Traicté intitulé de la difference des sci l'eglise. English	<u>nismes et des co</u>	oncilles de			
Title	• <u>The abbreuyacyon of all generall counce</u> <u>Italia, and Gallia, compyled by Joh[a]n le</u> <u>hystoryograffer to kynge Lowys the. xii. of</u> <u>the sayd kyng Lowys. Ann d[omi]ni. 1519</u> <u>the prynter herof, by the kynges gracyous</u> <u>ensewynge, dwellynge in Lumbarstrete ag</u>	Ilys holden in Gree maire de belges, f late french kyng . Translated by Jo _priuilege, for. vii. aynst the stockys	<u>cia, Germania</u> most excellen <u>e dedycated to</u> h[an] gowgh yeres market.	<u>,</u> 0		
Variant title	•Le traicté intitulé de la difference des schismes et des concilles de l'eglise. English					
	 Abbreuyacyon of all generall councellys 					
Publisher/year	• [London? : Inprynted by me [R. Wyer for] Joh[a]n gowgh dwellynge in Lumbarde strete, agaynst the stockes market at ye sygne of the mermayd, Anno D[omi]ni M.ccccc.xxxix. [1539]]					
Physical descr.	[144] p.; 8º.					
General note	Imprint from colophon.					
	A translation, by John Gough, of: Lemaire intitulé de la difference de schismes et	de Belges, Jean. des concilles de	Le traicté l'eglise.			
	Signatures: A-I [®] .					
Citation/references	STC (2nd ed.), 15453					
Surrogates	Microfilm. Ann Arbor, Mich.: University Mic microfilm reel: 35 mm (Early English book	rofilms Internatio s, 1475-1640; 82	nal, 1940. 1 :03).			
Loc. of filmed copy	0.					
Corporate subject	 Catholic Church Controversial literature 	re Early works t	to 1800.			
	Catholic Church Doctrines Early wo	<u>rks to 1800.</u>				
Subject	Councils and synods Early works to 18	300.				



EMMA.HUBER@BODLEIAN.OX.AC.UK

+44 1865 (2)78153

Would be recorded as:

WORKS TABLE

ESTC	Title	Author	Translator	Orig language	language of translation	Publisher	Date of Publication	Subject keywords
S104745	difference des schismes et des concilles de l'eglise. English	person001	person002	lat	eng	publisher001	1539	Catholic Church Controversial literature - - Early works to 1800
PEOPLE 1	ABLE							
Person_I	D Person_Name				Date of b	irth	Date	of death
person00)1 Lemaire de Bel	lges			1473		1524	þ
person00)2 Gough, John	-					1543	or 1544

PUBLISHER TABLE

ID	Name	Place of Publication
	[R. Wyer for] Joh[a]n gowgh dwellynge in Lumbarde strete, agaynst the stockes	
publisher001	market at ye sygne of the mermayd	place001

PLACES TABLE

place_ID	Place Name		
	Lombard Street,		
place001	London		

In this example, some central pieces of information are captured in the works table, which looks just like a spreadsheet, but where there is an entity which itself has attributes, for example an author with birth and death dates, or could have attributes (places may need to be assigned coordinates) then this information is put in a separate table. The identifier (which you can assign yourself – it just needs to be unique within your database) is what connects the information.

If we read the works table – the primary table in this database - we can see that the author is person001. Looking in the People table, we see that this person is Lemaire de Belges. Similarly, when we come to publisher, we can see that the publisher is publisher001, and we can look this up in the publisher table to see that the publisher is R. Wyer for John Gough. More powerfully, in a database we can also look the other way, so we can start with the publisher, and see all works in the database that they published. This is called querying the database. Complex queries can be built to pull out very precise and detailed information.

Try to add as many records as you can to your tables – continue to select them randomly from the ESTC search results. You'll be able to make use of them later on to create visualisations. If there are multiple values, e.g. more than one author for a work, then separate the values with a comma.





-

EMMA.HUBER@BODLEIAN.OX.AC.UK