

16 Tracing Backward Template

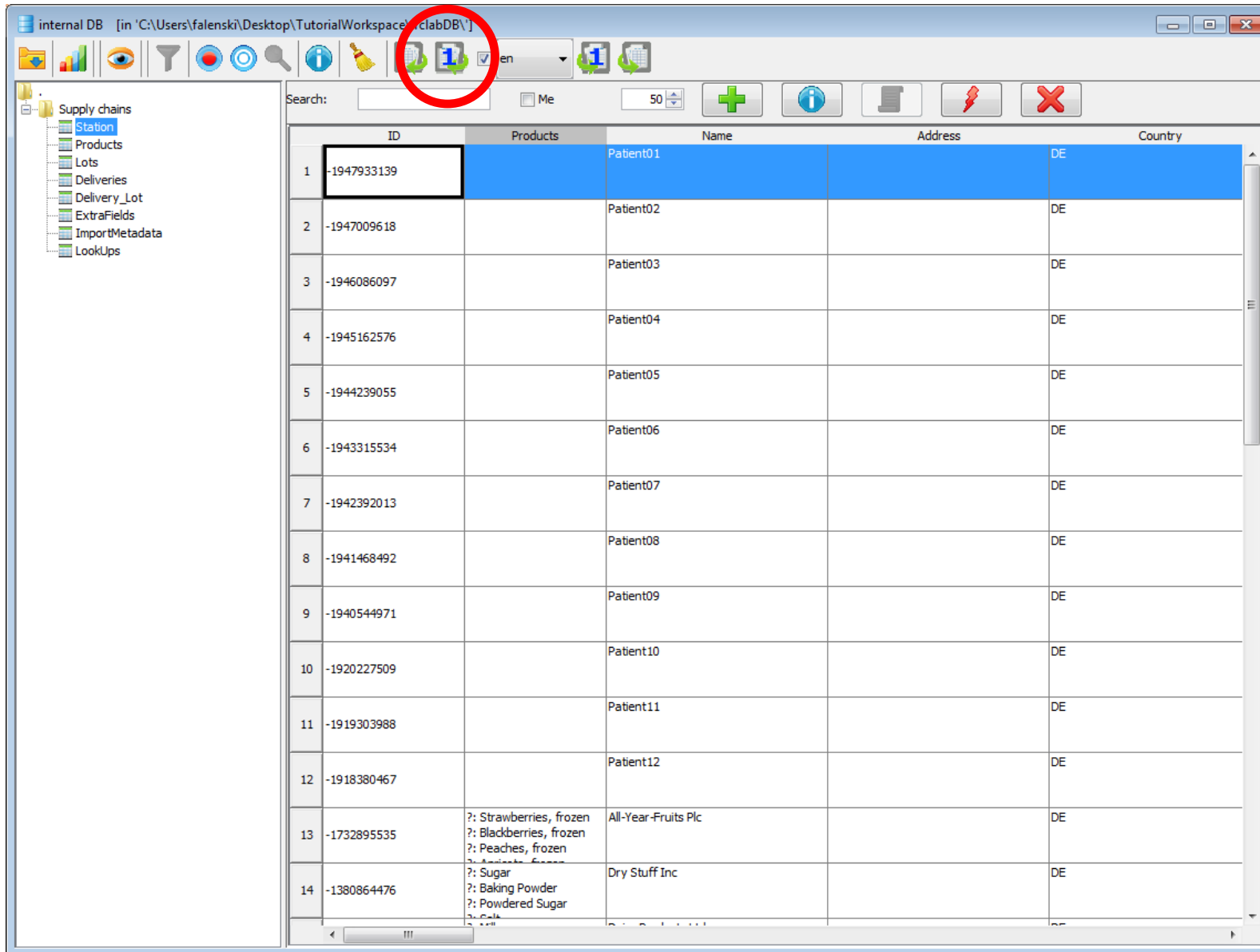


Learn

- to export and to complete a pre-filled Tracing Backward Template

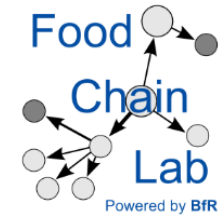
Note: You need data from the tutorial [“15 Data collection and import”](#). Please do this tutorial, first.

Step 1



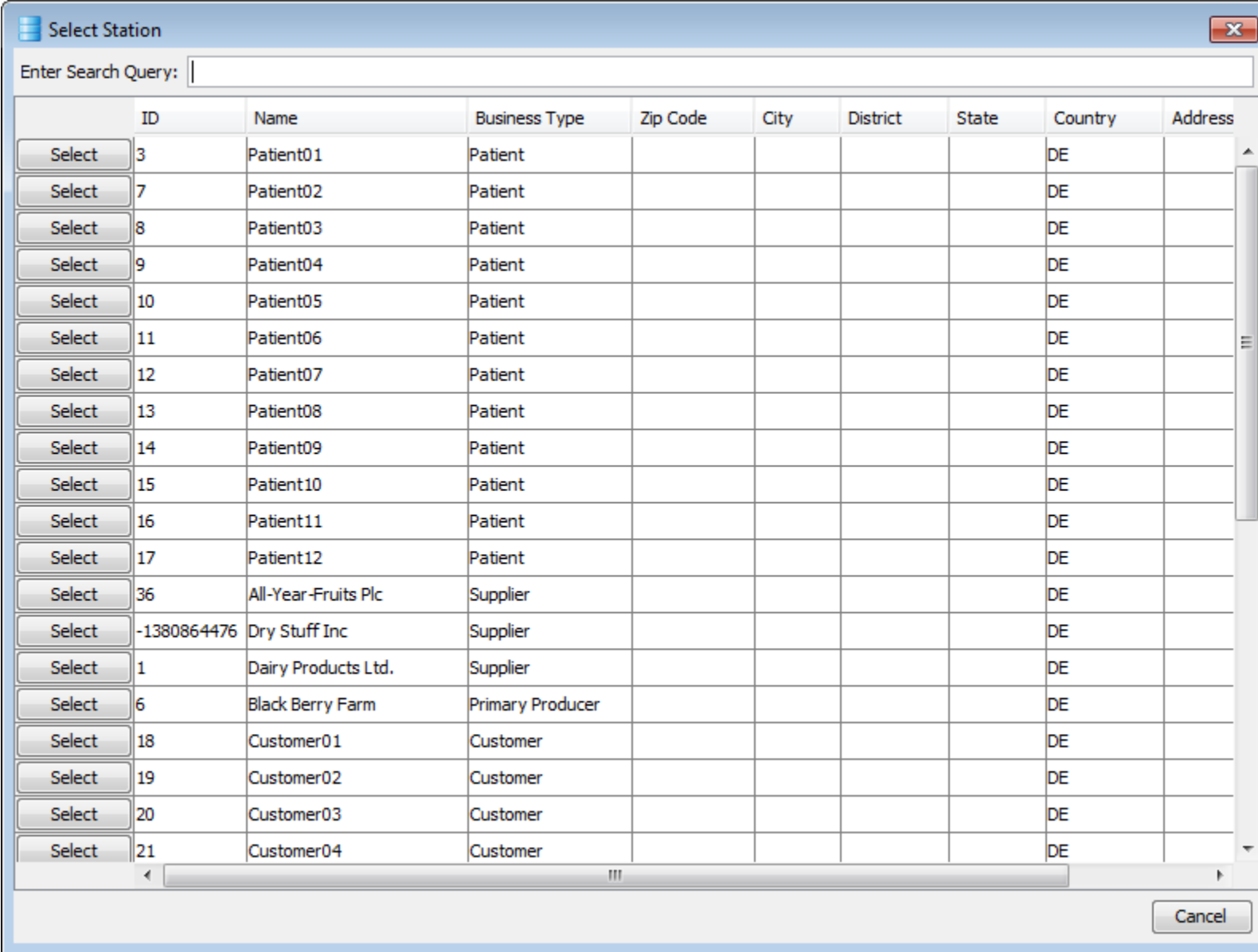
The screenshot shows a database application window titled 'internal DB [in 'C:\Users\falenski\Desktop\TutorialWorkspace\clabDB\']'. The left sidebar shows a tree view with 'Station' selected. The main area displays a table with the following data:

ID	Products	Name	Address	Country
1		Patient01		DE
2		Patient02		DE
3		Patient03		DE
4		Patient04		DE
5		Patient05		DE
6		Patient06		DE
7		Patient07		DE
8		Patient08		DE
9		Patient09		DE
10		Patient10		DE
11		Patient11		DE
12		Patient12		DE
13	? : Strawberries, frozen ? : Blackberries, frozen ? : Peaches, frozen ? : Apples, frozen	All-Year-Fruits Plc		DE
14	? : Sugar ? : Baking Powder ? : Powdered Sugar	Dry Stuff Inc		DE



- Open the database and generate a Tracing Backward Template for a specific station, namely for Dry Stuff Inc.

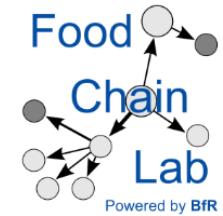
Step 2



Enter Search Query:

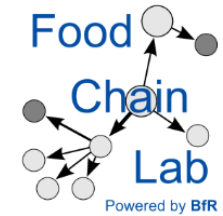
	ID	Name	Business Type	Zip Code	City	District	State	Country	Address
Select	3	Patient01	Patient					DE	
Select	7	Patient02	Patient					DE	
Select	8	Patient03	Patient					DE	
Select	9	Patient04	Patient					DE	
Select	10	Patient05	Patient					DE	
Select	11	Patient06	Patient					DE	
Select	12	Patient07	Patient					DE	
Select	13	Patient08	Patient					DE	
Select	14	Patient09	Patient					DE	
Select	15	Patient10	Patient					DE	
Select	16	Patient11	Patient					DE	
Select	17	Patient12	Patient					DE	
Select	36	All-Year-Fruits Plc	Supplier					DE	
Select	-1380864476	Dry Stuff Inc	Supplier					DE	
Select	1	Dairy Products Ltd.	Supplier					DE	
Select	6	Black Berry Farm	Primary Producer					DE	
Select	18	Customer01	Customer					DE	
Select	19	Customer02	Customer					DE	
Select	20	Customer03	Customer					DE	
Select	21	Customer04	Customer					DE	

Cancel



- Start typing „dry“ and then click the „Select“ button on the left.
- Choose a folder to save your pre-filled Tracing Backward Template.

Step 3



	A	B	C	D	E	F	G	H	I	J
1	Inquired Company:		Dry Stuff Inc							
2	For questions please contact Dr. Armin Weiser, +49 (30) 18412-2118, armin.weiser@bfr.bund.de									
3	Outgoing Goods									
4		Product		Lot Information		Delivery				
5		Name	EAN	Lot Number	Best Before Date or Use-by Date	Delivery Date			Amount (e.g. 45 kg)	Name
6						Day	Month	Year		
7		Flour		FI101		23	10	2017	100 kg	FDF - Finest Dough Factory
8		Salt		Sa121		23	10	2017	1 kg	Factory
9		Baking Powder		B001		1	11	2017	368.0 g	Bakersfield Bakery
10		Flour		FI101		1	11	2017	11.2 kg	Bakersfield Bakery
11		Powdered Sugar		PS201		1	11	2017	1.25 kg	Bakersfield Bakery
12		Salt		Sa121		1	11	2017	116.0 g	Bakersfield Bakery
13		Sugar		Su200		1	11	2017	12.8 kg	Bakersfield Bakery
14		Vanilla Extract		VE01		1	11	2017	210.0 g	Bakersfield Bakery
15										
16	Information to complete the sheet:									
17	Fill in outgoing goods which are already known (see grey fields above).									
18	Please keep track of the ingredients of all sent products - do it in a lot-based manner.									
19	In Column A starting with Line Number 25 please enter the line number of the outgoing good being the product of this ingredient. Afterwards, enter the corresponding lot number into column D.									
20	Please repeat the outgoing good as often as necessary in order to capture all its ingredients.									
21	Incoming Goods - lot-based Ingredient List									
22	Line Number or Lot Number from Outgoing Goods	Ingredient		Lot Information		Delivery				
23		Name	EAN	Lot Number	Best Before Date or Use-by Date	Delivery Date			Amount (e.g. 45 kg)	Name
24						Day	Month	Year		
25										
26										
27										
28										

OR

- Fill in the data from „ Dry-Stuff-Inc_Backtracing.docx“.
- Please make sure that you write the corresponding Excel row OR the corresponding lot number into column A to tell the database, that the ingredients went into a specific outgoing good.
- Have a look at the Tracing View.

Step 4

The screenshot shows the InterDB application interface. The window title is 'interDB [in 'C:\Users\falenski\Desktop\TutorialWorkspace\.fclabDB\']'. The toolbar includes an 'Import' button (a blue 'I' icon) circled in red. The main area displays a table with the following data:

ID	Products	Name	Address	Country
1	-1947933139	Patient01		DE
2	-1947009618	Patient02		DE
3	-1946086097	Patient03		DE
4	-1945162576	Patient04		DE
5	-1944239055	Patient05		DE
6	-1943315534	Patient06		DE
7	-1942392013	Patient07		DE
8	-1941468492	Patient08		DE
9	-1940544971	Patient09		DE
10	-1920227509	Patient10		DE
11	-1919303988	Patient11		DE
12	-1918380467	Patient12		DE
13	?: Strawberries, frozen ?: Blackberries, frozen ?: Peaches, frozen ?: Apples, frozen	All-Year-Fruits Plc		DE
14	?: Sugar ?: Baking Powder ?: Powdered Sugar	Dry Stuff Inc		DE

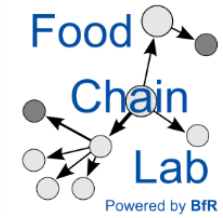
In KNIME:

- Import your file into the database (see import button in the red circle).

Step 5

The screenshot shows a software interface with a table of data. The table has columns for ID, Products, Name, Address, and Country. The first row is highlighted in blue. A red circle highlights a dropdown menu in the top toolbar, and a black box highlights the ID column of the first row.

	ID	Products	Name	Address	Country
1	-1947933139		Patient01		DE
2	-1947009618		Patient02		DE
3	-1946086097		Patient03		DE
4	-1945162576		Patient04		DE
5	-1944239055		Patient05		DE
6	-1943315534		Patient06		DE
7	-1942392013		Patient07		DE
8	-1941468492		Patient08		DE
9	-1940544971		Patient09		DE
10	-1920227509		Patient10		DE
11	-1919303988		Patient11		DE
12	-1918380467		Patient12		DE
13	-1732895535	?: Strawberries, frozen ?: Blackberries, frozen ?: Peaches, frozen ?: Apples, frozen	All-Year-Fruits Plc		DE
14	-1380864476	?: Sugar ?: Baking Powder ?: Powdered Sugar	Dry Stuff Inc		DE



- What is the difference in the pre-filled Tracing Backward Template if you de-select the box „Generate only missing data“? What could it be useful for?