



## Manual on data exchange with WHONET

### Table of Contents

Foreword .....	2
Export WHONET .....	2
Convert LabBook export to WHONET with BacLink .....	3
Export WHONET configuration on LabBook .....	6
List of analyses on export WHONET .....	7

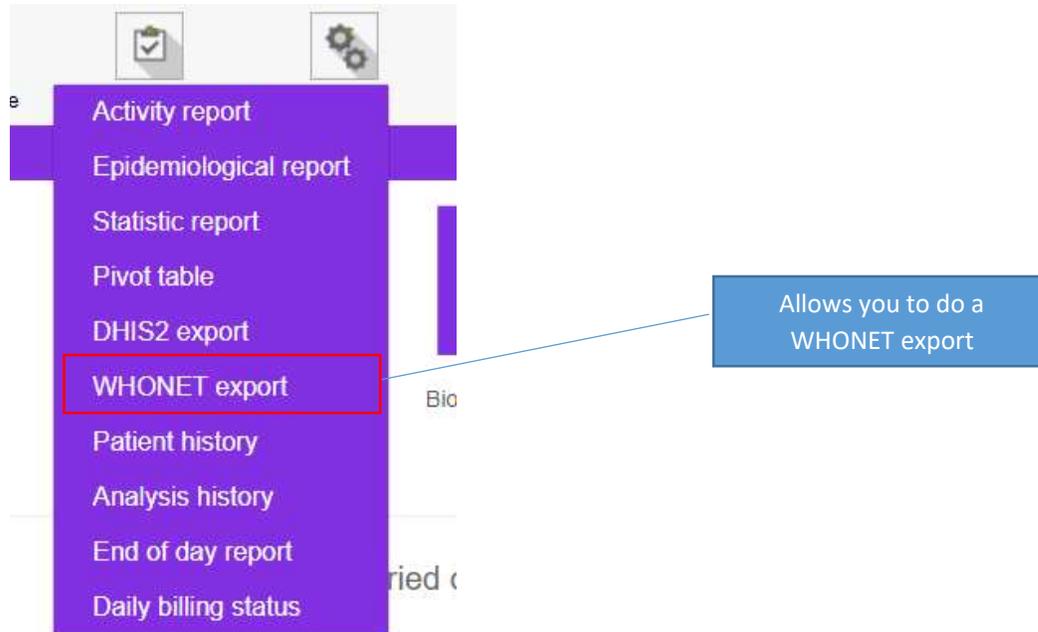


## Foreword

This manual presents the elements of LabBook that are accessible to a user with "advanced secretary", "technician", "advanced technician", "quality technician" or "biologist" profile. Please contact your administrator if you do not have access to any of the actions through your interface.

## Export WHONET

Go to the "Reports" menu and then "WHONET Export" to get to the WHONET data extraction page:

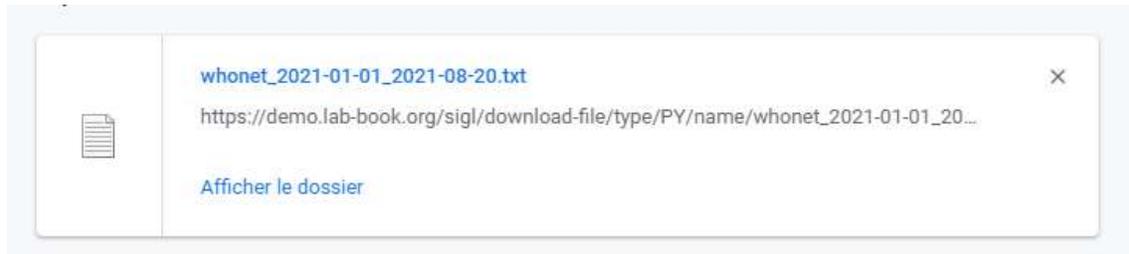


You will be directed to the following page after selecting this option:



You can specify the date range for the data you want to output and click. You will receive a txt file in

the following format if you click the  button:

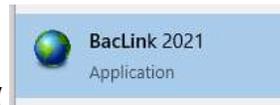


The downloaded file will be processed with BaLink software. BaLink software is a valuable tool which facilitates the extraction and conversion of data from a number of different sources into WHONET.

You can follow this link: <https://whonet.org/training.html> to know more on how to convert the file using BaLink.

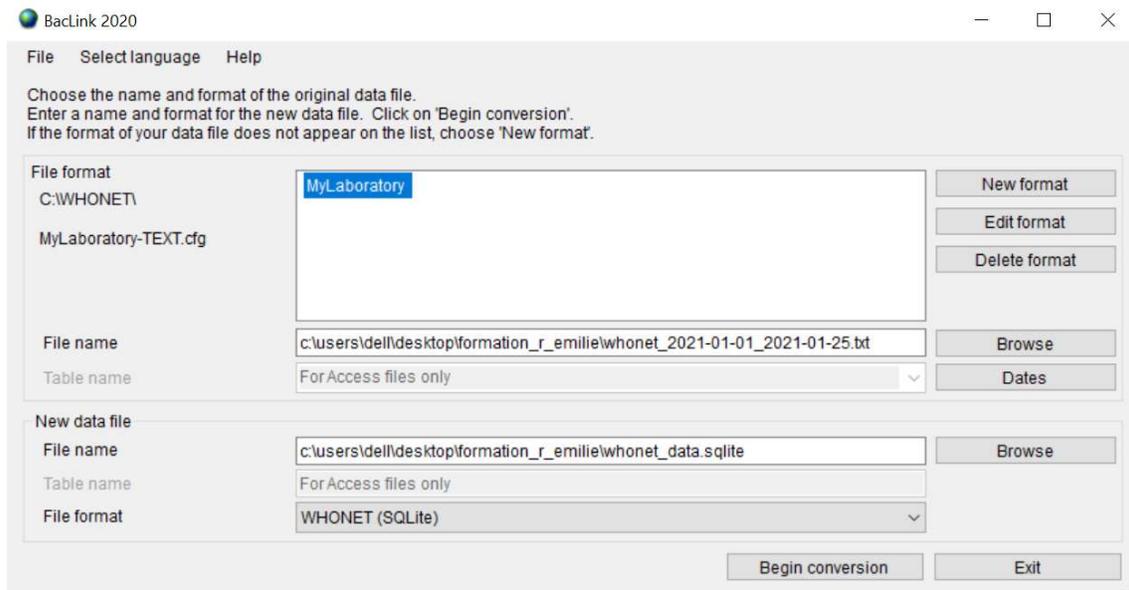
## Convert LabBook export to WHONET with BaLink

BaLink is an integrated tool in the WHONET software. You can download it through the link: <https://whonet.org/> at the "Download" section.



Once the application is installed, launch BaLink ( )

The top portion of the window that appears allows you to describe the file that will be converted, while the bottom section is for the new data file.



Click "New format" to begin setting up the lab's details.

Choose a country from the drop-down menu, then enter the laboratory's name and code (this code will be used by Baclink and WHONET as the default file extension for your WHONET data files).

Then select "File structure".

By using the "search" buttons, you can specify the location and the LabBook export text file.

Make the file's origin Unicode (with UTF-8 encoding).

To set up the antibiotic results information, click the "Antibiotics" option.

Configure antibiotics

File format: TEXT (DELIMITED)

Does your file include antibiotics results?  Yes  No

Guidelines: CLSI

The antibiotics of one isolate require how many rows of data?  One row  More than one row

In what sequence do the antibiotics appear?  Fixed antibiotic sequence  Variable antibiotic sequence

The data file includes what test methods?

Disk diffusion

MIC

Etest

OK

Cancel

(If your data file contains more than one test method, BacLink will may ask you a few more questions to ensure that the findings tested by the various methods is reliably distinguished.)

To finish this configuration, click on the " OK " button

Click the "Data fields" button to determine the association between the data fields in the LabBook export file and the equivalent data field in WHONET.

The LabBook file is selected, and the WHONET fields on the left are matched with the LabBook data fields on the right.

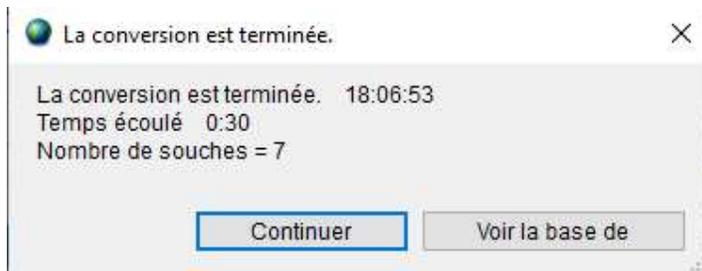
Click on a WHONET field on the left, then on the equivalent LabBook field on the right, to match the two fields. After that, click the "=" sign.

To confirm the configurations, click the " Ok " button.

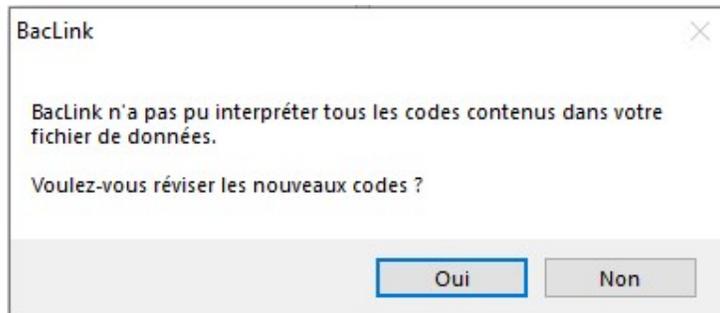
You must save all of your previous work by clicking on "Save". Assign a name to the new BacLink configuration with the "cfg" extension. The new setting will appear in your BacLink file format list after you select "Exit."

Click the "Start Conversion" button after entering the name of the new WHONET file.

BacLink will show you the conversion results for the first three isolates from the original data file. This allows you to visually examine the conversion's accuracy. The findings of the first isolation can be seen on the screen below. Check the central column first to see if BacLink is accurately reading the data values, then the final column to see if BacLink is appropriately converting the data values.



BacLink will indicate that the conversion is complete and has all of the required data. Click on "Continue".



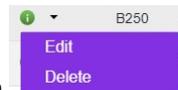
BacLink may issue a warning if it doesn't recognize some codes. Select "Yes."

By clicking the "Set Code" button, you can correct these codes. Then, to receive the WHONET output file, select "Continue".

## Export WHONET configuration on LabBook

You can configure the analyses and variables to be exported under the "Export WHONET" section of LabBook by connecting with the "Root" profile. To do so, select "Settings" and then "Analysis Repository" from the drop-down menu.

Action	Code	Désignation	Abréviation	Famille	Statut	Produit bio.
 ▾	ABCL	Antibiogramme 1ère ligne des mycobactéries en milieu liquide	ATBBKML TUB	Bactériologie	Activé	
 ▾	B248	Culot urinaire : examen direct (état frais, cytologie coloration)		Bactériologie	Activé	PB3 : Prélèvement d'urines
 ▾	B249	Examen cytotabactériologique des urines (uroculture)	ECBU	Bactériologie	Activé	PB3 : Prélèvement d'urines
 ▾	B250	Examen direct du prélèvement vaginal/cervico-vaginal		Bactériologie	Activé	PB7 : Prélèvement Vaginal
 ▾	B251	Examen cytotabactériologique du prélèvement vaginal/cervico-vaginal		Bactériologie	Activé	PB7 : Prélèvement Vaginal
 ▾	B252	Examen direct du prélèvement urétral		Bactériologie	Activé	PB8 : Prélèvement Urétral
 ▾	B253	Examen cytotabactériologique du prélèvement urétral		Bactériologie	Activé	PB8 : Prélèvement Urétral
 ▾	B254	Examen cytotabactériologique du sperme (spermoculture)		Bactériologie	Activé	PB22 : Prélèvement de sperm
 ▾	B255	Examen direct du LCR		Bactériologie	Activé	PB5 : Prélèvement de liquide



Once in the list of analyses, click on the action button  and "Edit".

In the Analysis and Variables section, you have an option to enable or disable the data to the WHONET export.

Whonet export  Yes  No

N.B.: only a "Root" user has the right to modify this option.

## List of analyses on export WHONET

There are some analyses that are already predefined to be in the WHONET export data. The following is a list of the 24 analyses for WHONET export:

<u>code</u>	<u>Designation</u>	<u>Abbreviation</u>
B650	Antibiotic susceptibility testing for meningococci [DISK]	ABG Meningococcus
B651	Staphylococcus aureus antibiogram [DISK]	ABG Staphylo. aureus
B652	Pneumococcal susceptibility testing [DISK]	ABG Pneumococcus
B653	Haemophilus influenzae antibiogram [DISK]	ABG H. influenzae
B654	Pseudomonas antibiogram [DISK]	ABG Pseudomonas
B655	Acinetobacter antibiogram [DISK]	ABG Acinetobacter
B656	Antibiogram Escherichia coli [DISK]	ABG Escherichia coli
B657	Antibiogram Salmonella spp [DISK]	ABG Salmonella spp
B658	Antibiogram Shigella spp [DISK]	ABG Shigella spp
B659	Antibiogram Klebsiella spp. [DISK]	ABG Klebsiella

B660	Antibiogram Enterobacter spp. [DISK]	ABG Enterobacter
B661	Antibiogram Vibrio cholerae spp. [DISK]	ABG Vibrio cholerae
B670	Antibiotic susceptibility test Meningococcus [MIC].	ABG Meningococcus
B671	Staphylococcus aureus antibiogram [MIC].	ABG Staphylo. aureus
B672	Pneumococcal susceptibility testing [MIC].	ABG Pneumococcus
B673	Haemophilus influenzae susceptibility test [MIC].	ABG H. influenzae
B674	Pseudomonas antibiogram [MIC].	ABG Pseudomonas
B675	Acinetobacter antibiogram [MIC].	ABG Acinetobacter
B676	Antibiogram Escherichia coli [MIC].	ABG Escherichia coli
B677	Antibiogram Salmonella spp [MIC]	ABG Salmonella spp
B678	Antibiogram Shigella spp [MIC].	ABG Shigella spp
B679	Antibiogram Klebsiella spp. [MIC]	ABG Klebsiella
B680	Antibiogram Enterobacter spp. [MIC]	ABG Enterobacter
B681	Antibiogram Vibrio cholerae spp. [MIC]	ABG Vibrio cholerae

N.B.: if you want these analyses to appear in the WHONET export, you must utilize codes between (B650 through B681).