

Merging Code Groups

You may find it useful to combine two Code Groups together to create a new Code Group using QWeb's 'Merge' function. This can be used with Code Groups from your Code Group Library and/or Code Groups from a Project in which you are involved. This User Guide explains how to do this. It is a stand-alone Guide but you may also wish to refer to the accompanying Video, 'How Do I Merge Code Groups?'

Related Documents you may find useful:

- Building a New Code Group using SNOMED Codes
- Building a New Code Group using BNF Codes
- Building a New Code Group using ICD-10 Codes
- Building a Code Group using QWeb Code Group Libraries
- Linking Code Groups to Projects created by other QWeb Users
- Code Group Versions: An Overview
- Code Groups: Saving, Checking In and Checking Out
- Requesting a Review
- Reviewing someone else's Code Group
- How to make your Code Groups publicly available
- Projects: An Introduction
- How to Make a Project Application
- Turning an Application Into a Project
- Using my Code Groups in Projects

QWeb is a regularly updated piece of software. The accompanying User Guides and Videos are frequently reviewed to ensure compatibility with the latest version of QWeb. It is important that you use the most recently published User Guides and Videos to ensure maximum accuracy. These can be found at:

<https://www.qresearch.org/qweb-guides>

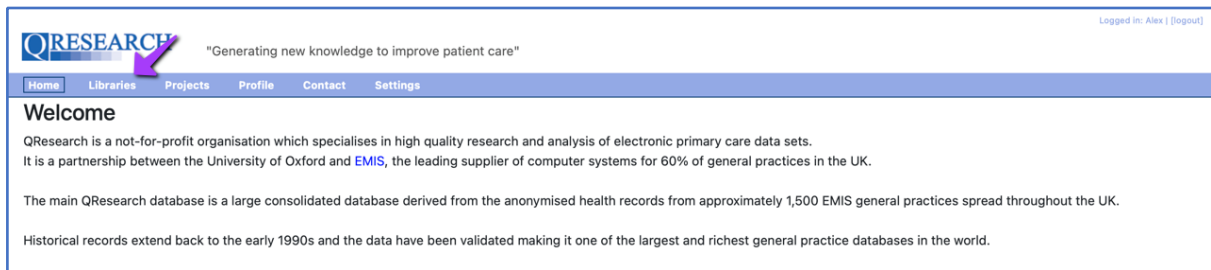
QResearch welcomes feedback on these User Guides and Videos. If you have any suggestions or questions, please feel free to contact us here:

<https://www.qresearch.org/about/contact-us/>

QResearch is part funded via the Data and Connectivity National Core Study, led by Health Data Research UK in partnership with the Office for National Statistics and funded by UK Research and Innovation (grant ref MC_PC_20058)

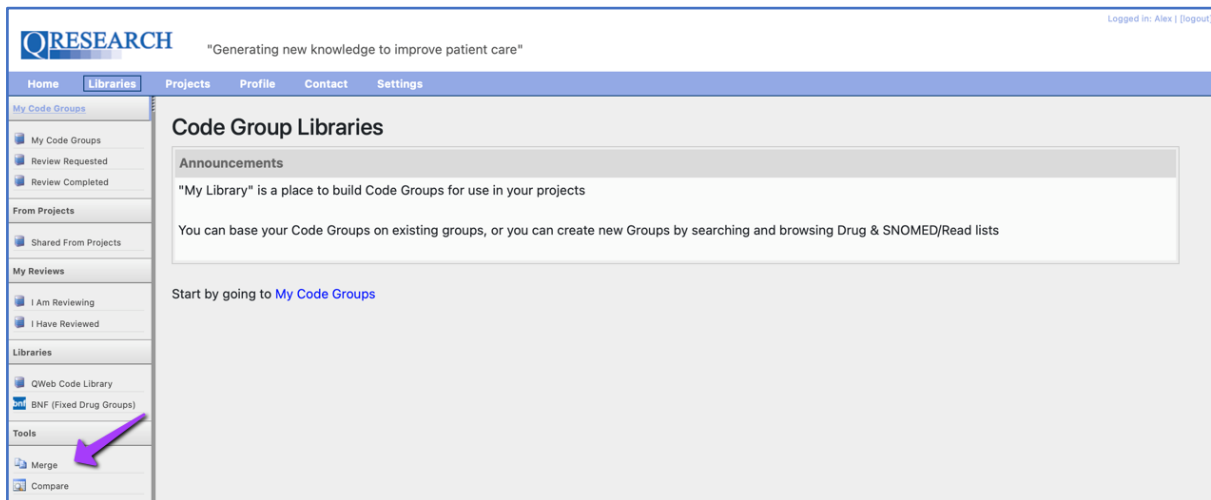
Merging Code Groups

1. To Merge two Code Groups together, first go to the Code Group Libraries area:



The screenshot shows the QResearch homepage. At the top left is the QResearch logo with the tagline "Generating new knowledge to improve patient care". A purple arrow points to the "Libraries" link in the top navigation menu. Below the navigation menu is a "Welcome" section with text describing QResearch as a not-for-profit organization specializing in high-quality research and analysis of electronic primary care data sets. It mentions a partnership with the University of Oxford and EMIS, and states that the main database is derived from approximately 1,500 EMIS general practices. Historical records extend back to the early 1990s.

2. Then select the 'Merge' function:



The screenshot shows the "Code Group Libraries" page. The left sidebar contains a "Tools" section with a purple arrow pointing to the "Merge" button. The main content area has a heading "Code Group Libraries" and an "Announcements" box stating: "My Library" is a place to build Code Groups for use in your projects. Below this, it says: "You can base your Code Groups on existing groups, or you can create new Groups by searching and browsing Drug & SNOMED/Read lists". At the bottom of the main content area, there is a link: "Start by going to My Code Groups".

3. This will display the following information:


Group Merge Tool


Introduction

The Group merge tool allows you to pick two Code Groups and merge them together to make a new group.


- The next few screens will ask you to pick two Groups. You can choose Groups from your Library, or Groups you have access to via a project.
- You will then be able to merge the Groups and create a new Group, the original Groups will remain unchanged.

Don't show me this introduction screen again

[Click here to start](#) 

4. To start the Merging process, select [Click here to start](#)  from the bottom right of the page. (You can remove the explanatory text for next time by ticking the checkbox 'Don't show me this introduction screen again' before you start this process.)




5. You will then be asked what type of Code Groups you wish to Merge (you can only merge Code Groups containing the same type of data):




"Generating new knowledge to improve patient care"

Home
Libraries
Projects
Profile
Contact
Settings



My Code Groups

-  My Code Groups
-  Review Requested
-  Review Completed



From Projects

-  Shared From Projects



My Reviews

-  I Am Reviewing
-  I Have Reviewed

Libraries


-  QWeb Code Library
-  BNF (Fixed Drug Groups)

Tools

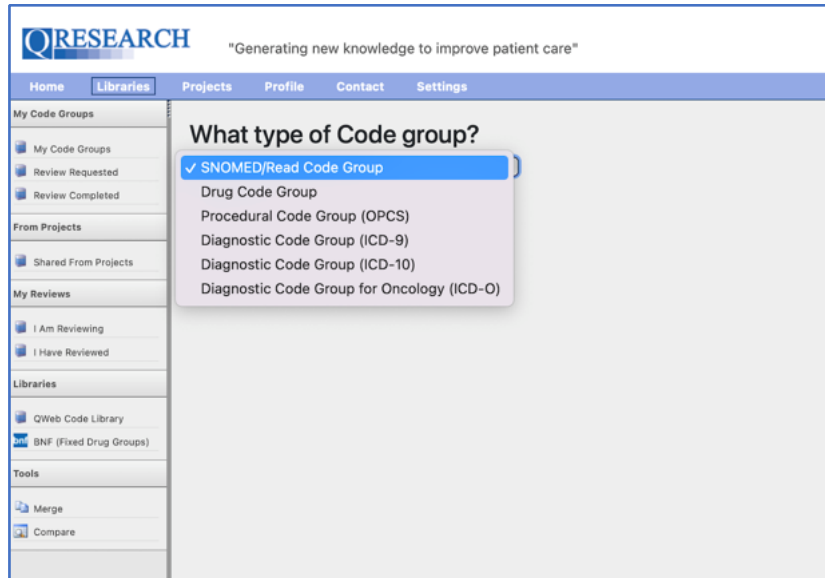
-  Merge
-  Compare

What type of Code group?

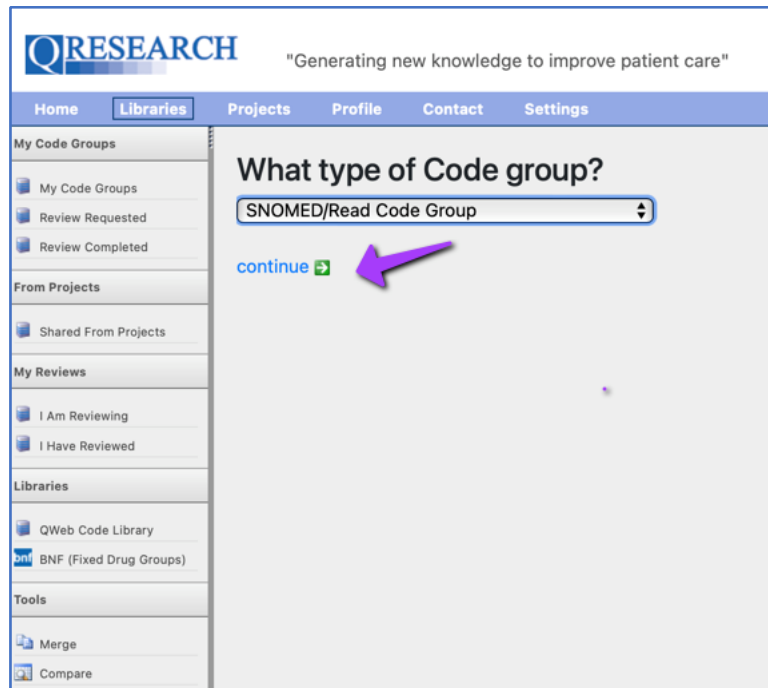
SNOMED/Read Code Group

[continue](#) 

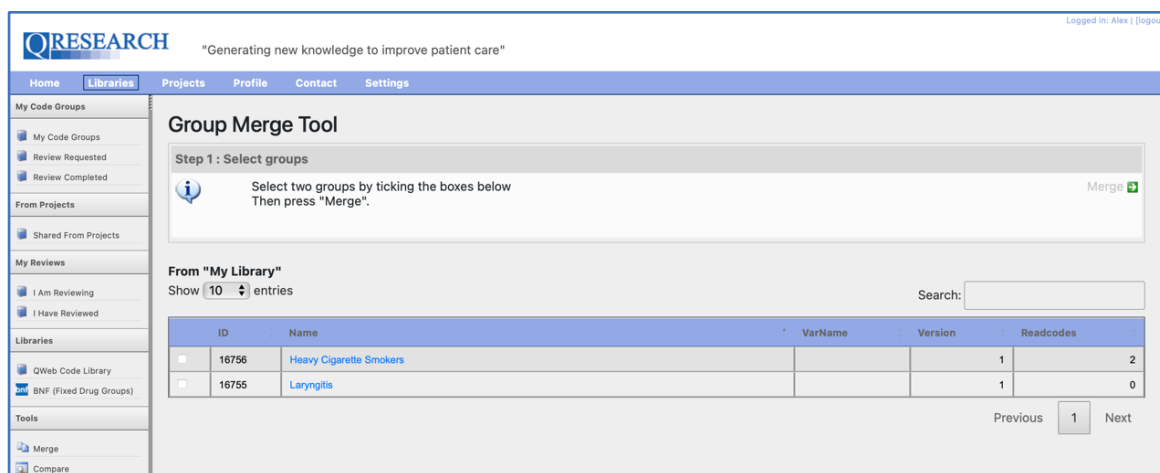
6. Select the type of Code Group you wish to merge from the drop-down menu:



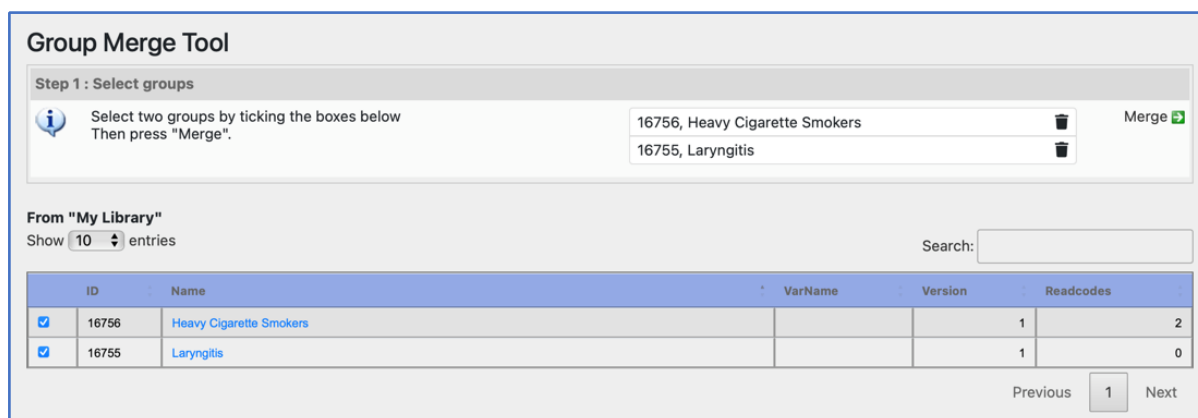
7. Then select 'continue':





8. This takes you to Step 1 of the Group Merge Tool:



9. You have the option to change the number of Code Groups displayed from your Code Group Library (10, 25, 50, 100), as well as a Search function – these tools can be particularly useful if you are managing a large number of Code Groups. Tick the checkboxes of the two Groups you wish to Merge. This will display the selected Code Groups on the top right of the screen:



10. If you wish to change the Group you have selected, you can uncheck the box or select the bin icon (). Once you have chosen the two Code Groups, select the **Merge**  function on the upper right of the screen.

11. This takes you to Step 2 of the Group Merge Tool:

Group Merge Tool

Step 2 : Select merge type

i There are four types of merge:

- 1) Codes which appear in **both** A and B
Codes have to appear in both of the groups to be part of the final group

- 2) Codes which appear in **either** A or B

Codes can appear in either of the groups to be part of the final group, this effectively adds group A to group B

- 3) Codes from A where the code doesn't exist in B

- 4) Codes from B where the code doesn't exist in A

In all cases there will be no duplicated codes in the final group

Groups to be merged
 Group A: (16755) Laryngitis
 Group B: (16756) Heavy Cigarette Smokers

Merge Type

Name for resulting group

[Merge](#)

12. As the screen shows, there are 4 types of Merge options which select Codes from the two specified Groups and merge them into one Code Group containing:

- 1) All Codes which appear in *both* Groups (Group A **and** Group B)
- 2) All Codes which appear in *either* Group (Group A **and/or** Group B)
- 3) All Codes from Group A which do not exist in Group B
- 4) All Codes from Group B which do not exist in Group A

Group Merge Tool

Step 2 : Select merge type

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- 3) Codes from A where the code doesn't exist in B

- 4) Codes from B where the code doesn't exist in A

In all cases there will be no duplicated codes in the final group

Groups to be merged
 Group A: (16755) Laryngitis
 Group B: (16756) Heavy Cigarette Smokers

Merge Type
 1) Codes which appear in both A and B
 2) Codes which appear in either A or B
 3) Codes from A where the code doesn't exist in B
 4) Codes from B where the code doesn't exist in A

13. Select the type of Merge option you require from the Dropdown menu provided. Provide a Name for the resulting Code Group, and then click on 'Merge':

Group Merge Tool

Step 2 : Select merge type

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Groups to be merged
 Group A: (16755) Laryngitis
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Merge Type

Name for resulting group



14. A new Code Group containing the Merged Codes will then be saved to your Code Group Library. Information showing this will appear on the screen, including a count of the number of Codes contained in the new Group:

Merge finished



A new Group has been created and saved at version 1 into [Your Library](#)

(16761) [Heavy Cigarette Smokers & Laryngitis Codes](#)
 Contains 5 Items

15. If you wish to Merge two Code Groups which have been shared to you via a Project, the process is exactly the same. When you go to the Group Merge Tool, these will be visible under the 'Shared through projects' heading:

Group Merge Tool

Step 1 : Select groups

 Select two groups by ticking the boxes below
Then press "Merge". Merge 

Shared through projects

Show entries Search:

ID	Name	VarName	Version	Readcodes	
<input type="checkbox"/>	16762	laryngitis		1	8
<input type="checkbox"/>	16765	Lung		1	5

Previous Next

16. Again, you can adjust the number of Code Groups displayed on the screen and/or use the Search function.
17. Follow the Merge process as described from Step 9 to Step 14 to Merge two Code Groups which have been shared with you through a Project.
18. This User Guide has illustrated how to Merge Code Groups. It is a stand-alone Guide but there is also an accompanying video '*How do I Merge Code Groups?*', available on the QResearch website.