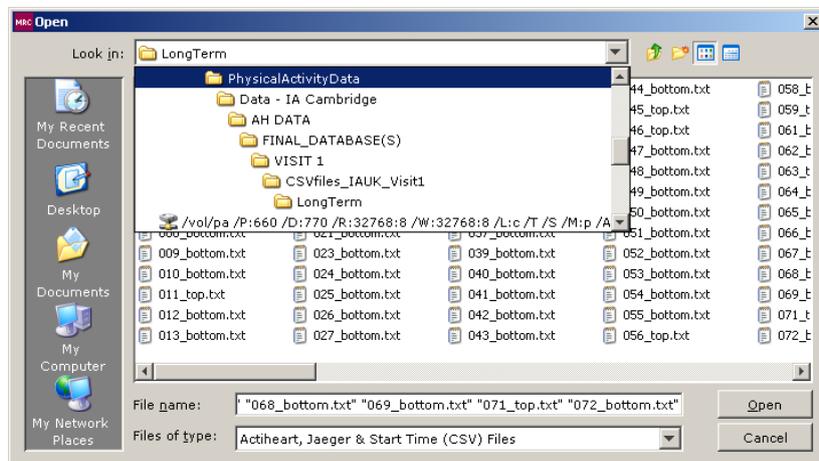MRC | Epidemiology Unit

10. Loading data:

As explained above in the previous sections, the software will only be able to load files in recognised formats ie.
- Actiheart .txt files (exported as comma from Commercial Software)
- Start times tables - .csv format

For further information on the data file formats refer to the relevant sections relating to the specific data types.

- Click on the "Data Loader" icon   or select "Tools" and "Data Loader" from the toolbar.
- A data loader window will appear.
- Click on the "Add files to queue" icon
- Browse through your computer and select the relevant data:

- Highlight single or multiple files (by holding down Ctrl & Shift) and click "Open" to add them to the loader window: (It is possible to browse to multiple folders and add to queue before loading).
- Click the 'Load files in queue' icon to upload your selected files to the software. A status bar at the bottom of the loader window will show you how the loading is progressing.

'Load files in queue' icon

Processing bar will appear here to indicate upload.

- Once finished loading, the data should appear in the Left side of the main screen. (NB: There is automated refresh, however, if the data does not appear in the left hand field of the original software screen, try clicking the "Refresh from Database" icon in the top left of the main window).

- **IMPORTANT:** Check the generated loader error log for each batch of data loaded to check whether all data has loaded successfully. This will be date and time stamped with the time of attempted data loading (loader-log-yyyy-mm-dd-hh-mm-ss.csv) & is found in the same folder as the .bat & .jar file (C:\Program Files\MRC Epidemiology Unit\Physical Activity Data\ xml shadowing).

- If there is an ERROR present (see problem solving section), check why this may be present (ie check data format is correct). If problem is unclear-seek further advice.

10.1. Sorting & Grouping files

- Within the Java software files are automatically sorted by the Variability Snapshot Key (sequential from order of loading).
- Files can be **Sorted** by all columns, by clicking on the Column headers

- They can be **Grouped** in the list by Participant, File, Date, Type, Status, Upload date or Start date by clicking on the "set field for grouping" icon.
- Once Grouped, the file list can then be sorted as desired.
- To return to normal view, sort by "None".

- NB: Currently, these sorting preferences are not remembered once the software is closed, therefore, will have to resort upon re-opening software.
- Grouping and sorting data can slow the database – if slowing occurs (most evident when viewing files) click the database refresh button

10.2. Problem solving

Error	Possible Cause/Solution
Loader log errors: 10 V:\Studies Mon Aug (ERROR 'File failed to load' 11 V:\Studies Mon Aug (ERROR 'java.lang.NullPointerException(null)' 12 V:\Studies Mon Aug (INFO 'Loaded in 453 milliseconds' File has not been loaded into database	Identify which file(s) caused the error(s), (see column A). Cause could be due to missing user information or incorrect format of header information (if file has been opened in excel & re-saved). Error may give a clue as to the issue with the file.
Unsure whether data exists in a "data" folder or has been loaded into a database.	Open Query Browser (see installation SOP, section 8). Double click on "snapshot" table, click "Execute" & scroll to right. The "Study" column will indicate which study profile the data has loaded under.
No files appear in left hand menu when data folder is active	Have you got the correct study-profiles.xml active?