

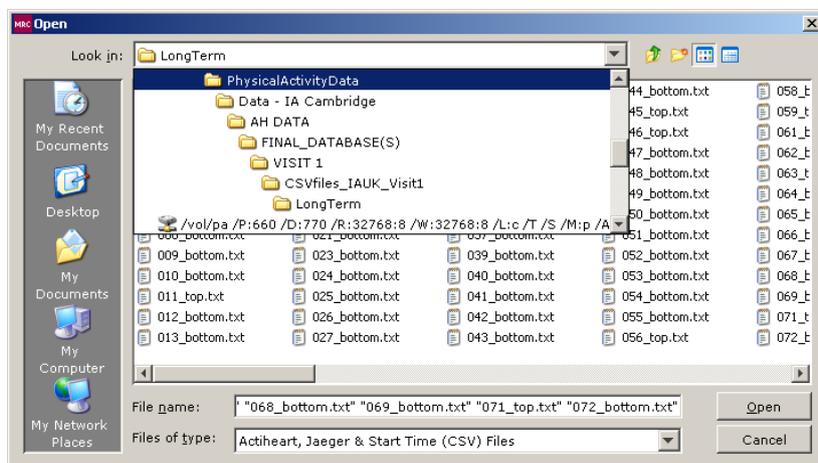
10. Loading data:

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.

#	Name	Path
1	001_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
2	002_top.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
3	003_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
4	004_top.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
5	005_Bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
6	006_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
7	007_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
8	008_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
9	009_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
10	010_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
11	011_top.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
12	012_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
13	013_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
14	014_TOP.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
15	015_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
16	016_top.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
17	017_Bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
18	018_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat
19	019_bottom.txt	V:\Studies\InterAct_WP_2.6\StudyData\PhysicalActivityData\Dat

- 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).

	A	B	C	D	E	F
1	File	Timestamp	Message	Line (if applicable)	Message	
2	V:\Studies	Mon Aug 1	INFO		'Loaded in 2124 milliseconds'	
3	V:\Studies	Mon Aug 1	INFO		'Loaded in 1203 milliseconds'	
4	V:\Studies	Mon Aug 1	INFO		'Loaded in 1250 milliseconds'	
5	V:\Studies	Mon Aug 1	INFO		'Loaded in 1937 milliseconds'	
6	V:\Studies	Mon Aug 1	INFO		'Loaded in 2468 milliseconds'	
7	V:\Studies	Mon Aug 1	INFO		'Loaded in 860 milliseconds'	
8	V:\Studies	Mon Aug 1	INFO		'Loaded in 1531 milliseconds'	
9	V:\Studies	Mon Aug 1	INFO		'Loaded in 1515 milliseconds'	
10	V:\Studies	Mon Aug 1	INFO		'Loaded in 1281 milliseconds'	

- 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-see 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

#	Type	P...	D...	Uploaded	Par...	File	Start D...	St...
1	Variability			28-Jul-2010	001	001_botto...	19-Jul-2...	
2	Variability			28-Jul-2010	002	002_top.txt	11-Jul-2...	
3	Variability			28-Jul-2010	003	003_botto...	05-Jul-2...	
4	Variability			28-Jul-2010	004	004_top.txt	04-Jul-2...	
5	Variability			28-Jul-2010	005	005_Botto...	17-Jul-2...	
6	Variability			28-Jul-2010	006	006 botto...	04-Jul-2...	

- 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: <table border="1"> <tr> <td>10</td> <td>V:\Studies</td> <td>Mon Aug 1</td> <td>ERROR</td> <td>'File failed to load'</td> </tr> <tr> <td>11</td> <td>V:\Studies</td> <td>Mon Aug 1</td> <td>ERROR</td> <td>'java.lang.NullPointerException(null)'</td> </tr> <tr> <td>12</td> <td>V:\Studies</td> <td>Mon Aug 1</td> <td>INFO</td> <td>'Loaded in 453 milliseconds'</td> </tr> </table> File has not been loaded into database	10	V:\Studies	Mon Aug 1	ERROR	'File failed to load'	11	V:\Studies	Mon Aug 1	ERROR	'java.lang.NullPointerException(null)'	12	V:\Studies	Mon Aug 1	INFO	'Loaded in 453 milliseconds'	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.
10	V:\Studies	Mon Aug 1	ERROR	'File failed to load'												
11	V:\Studies	Mon Aug 1	ERROR	'java.lang.NullPointerException(null)'												
12	V:\Studies	Mon Aug 1	INFO	'Loaded in 453 milliseconds'												
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?															