

Dialogs of the protocol linker plugin

Introduction

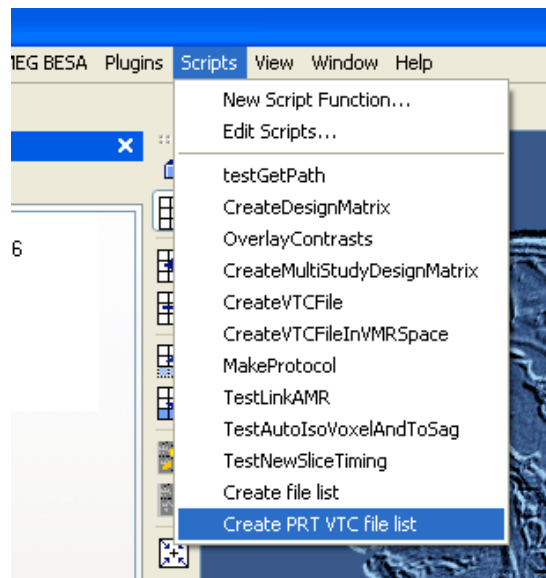
This is a document describing how to use the protocol linker plugin (linkPRTtoVTC.dll) and the preparation script createFileList_PRT_VTC.qs.

Put the plugin in the /My documents/BVQXExtensions/Plugins/ folder and the script in the /My documents/BVQXExtensions/Scripts folder/. The plugin will be loaded automatically when starting BrainVoyager QX, but the script needs to be imported in the current script project.

This can be performed via the BrainVoyager menu Scripts > Edit... The script editor will open. Load the script via File > Import scripts... and save the project.

Run the “Create PRT VTC file list” function

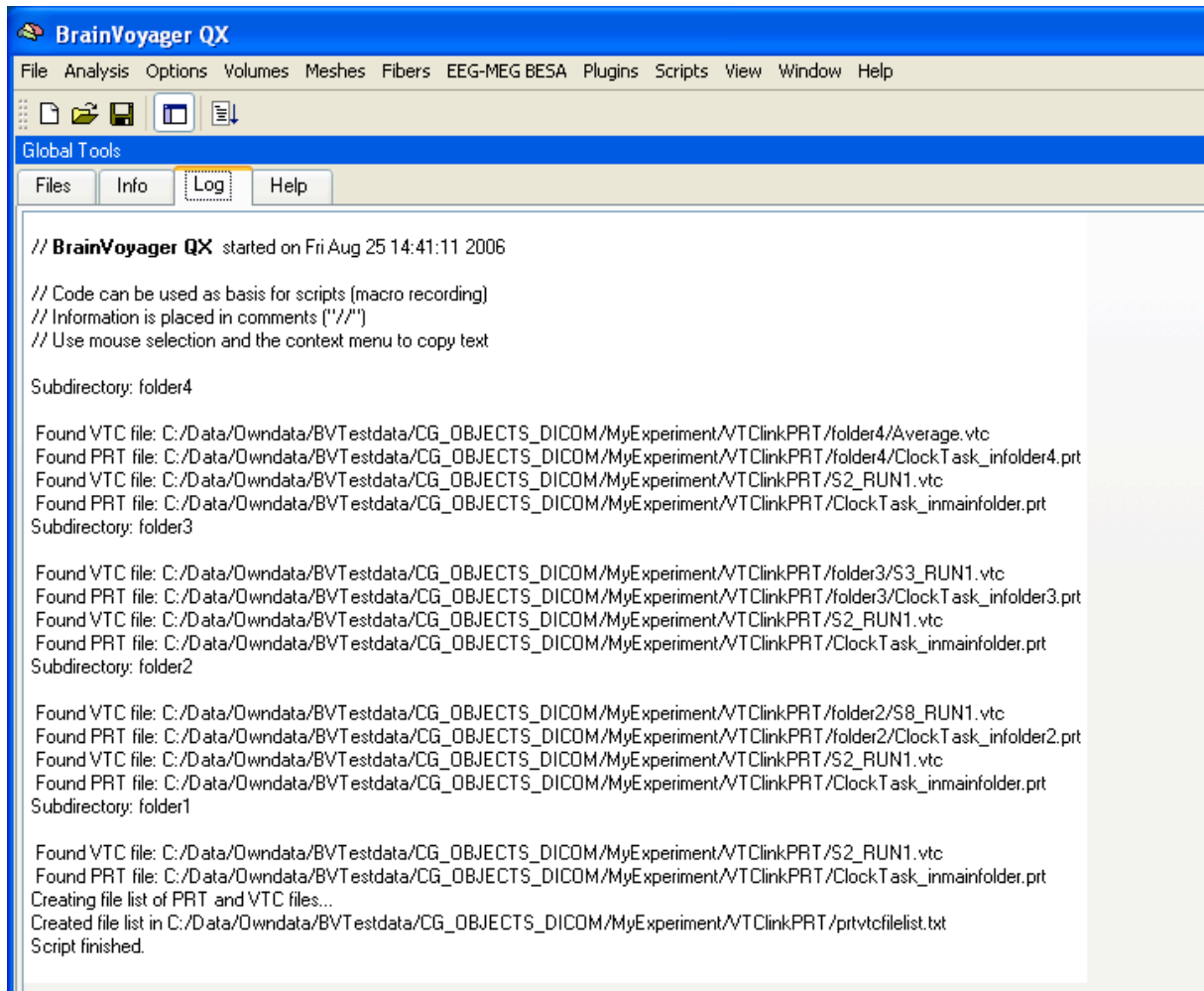
This can be found in the script createPRTVTCfileList.qs.



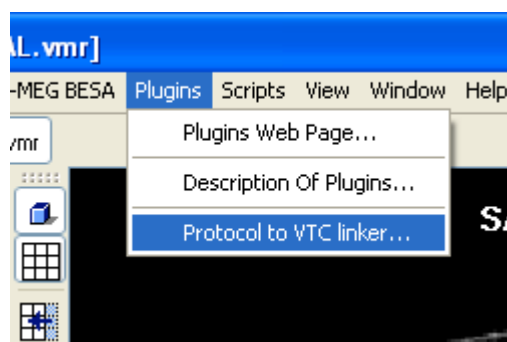
The script asks for the main folder containing subfolders.



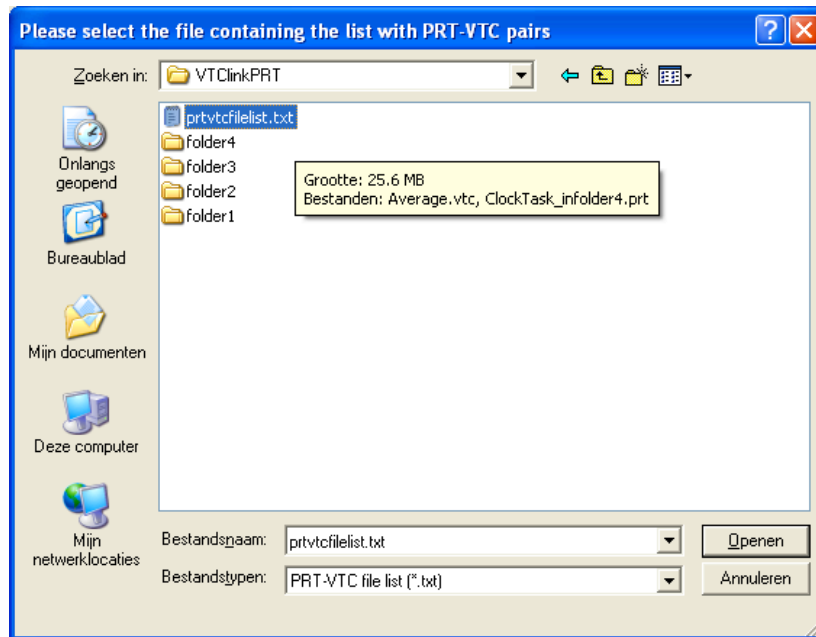
and will traverse the subfolders.



Then, open a VMR and activate the protocol linker plugin.



The plugin will ask for the file list created by the script:



Then it will read the file list, linking each protocol to each subsequent volume time course file and report about the linked files in the BrainVoyager QX log tab:

BrainVoyager QX - [CG_QX_DCM_CLEAN_TAL.vmr]

File Analysis Options Volumes Meshes Fibers EEG-MEG BESA Plugins Scripts View Window Help

CG_QX_DCM_CLEAN_TAL.vmr

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T found PRT file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
Subdirectory: folder2

Found VTC file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder2/S8_RUN1.vtc
Found PRT file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder2/ClockTask_infolder2.pt
Found VTC file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc
Found PRT file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
Subdirectory: folder1

Found VTC file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc
Found PRT file: C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
Creating file list of PRT and VTC files...
Created file list in C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/prtvctfilelist.txt
Script finished.
BrainVoyagerQX:OpenDocument( "C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/New/CG_QX_DCM_CLEAN_TAL.vmr" );

Protocol linker> Started...
Number of PRT-VTC pairs: 7

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc...
// ERROR: Unable to open referenced protocol file > ClockTask.pt < for reading! Tried to read from VTC and VMR path.

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc...

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder2/ClockTask_infolder2.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder2/S8_RUN1.vtc...
// ERROR: Unable to open referenced protocol file > ClockTask.pt < for reading! Tried to read from VTC and VMR path.

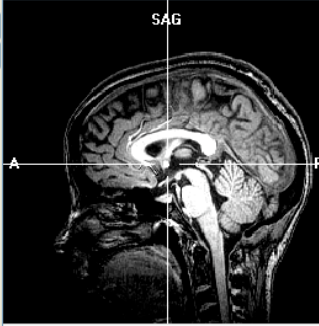
Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc...

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder3/ClockTask_infolder3.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder3/S3_RUN1.vtc...
// ERROR: Unable to open referenced protocol file > ClockTask.pt < for reading! Tried to read from VTC and VMR path.

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/ClockTask_inmainfolder.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/S2_RUN1.vtc...

Starting to link
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder4/ClockTask_infolder4.pt
to
C:/Data/Dwndata/BVTtestdata/CG_OBJECTS_DICOM/MyExperiment/VTClickPRT/folder4/Average.vtc...
// ERROR: Unable to open referenced protocol file > ClockTask.pt < for reading! Tried to read from VTC and VMR path.
Protocol files linked to VTCs.
Finished.

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