

GeoTeric® User Guide



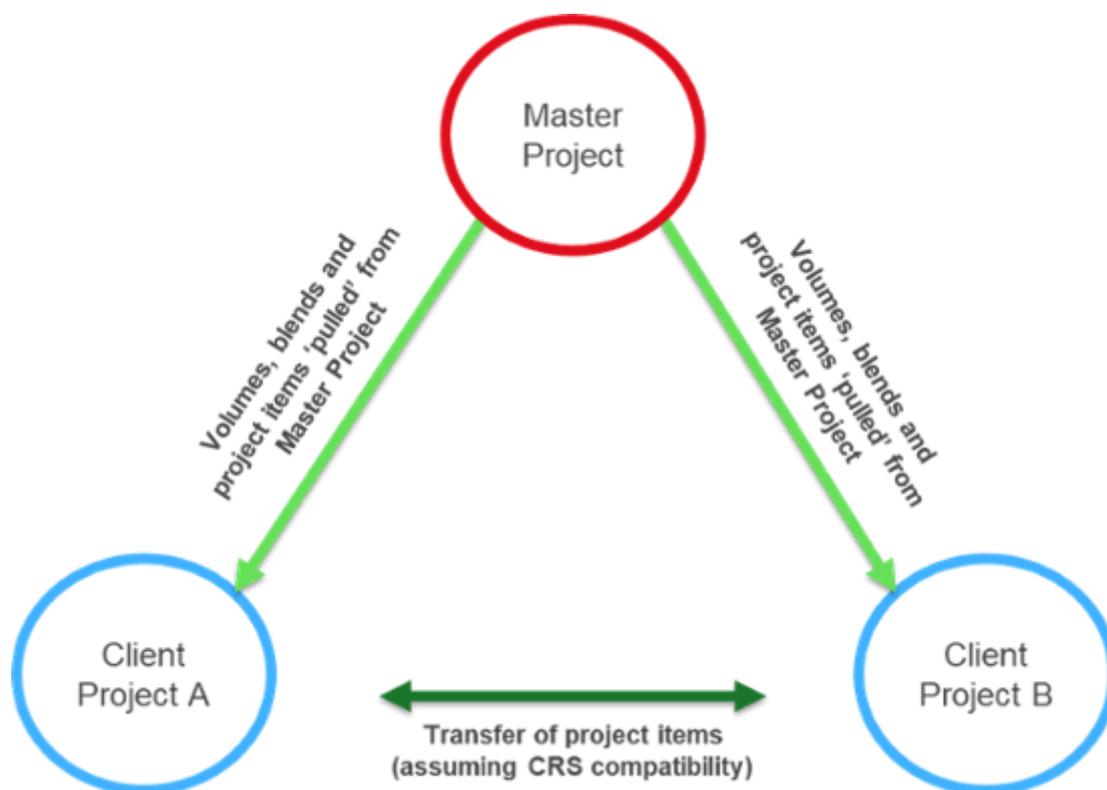
Master Project – Improved Project Management

GeoTeric's Master Project functionality allows the user to transfer data from a Master Project containing all key data, into a Client Project which can be worked on individually. It also allows for project items such as horizons and faults to be seamlessly transferred between Client Projects.

The value of this functionality is that a significant amount of disk space can be saved as Client Projects would only need to reference the Master Project volumes and greatly save time as data managers (admins) would only need to load key data once.

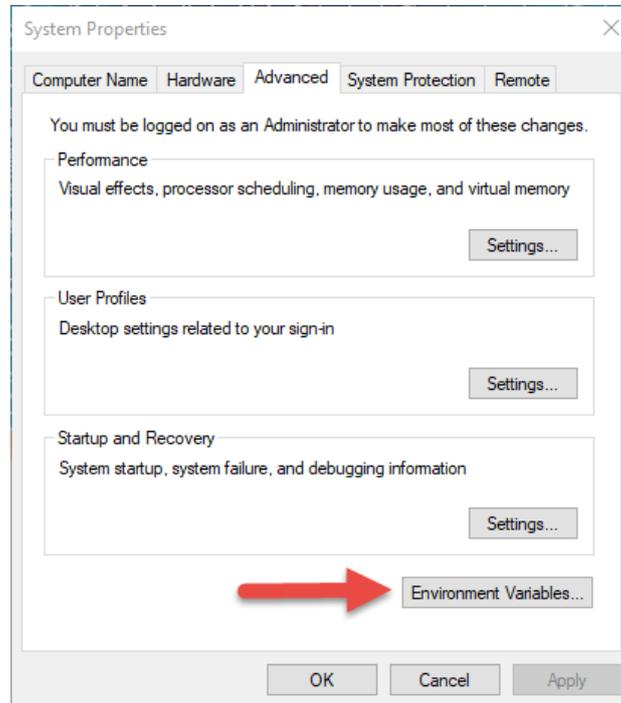
Once a Client Project references a Master Project, the volumes are automatically referenced and the interpreters can then choose to import any specific blends or project items (horizons, faults, wells, polygons etc...).

The diagram below illustrates how the Master Project and Client Projects can be used, for instance, a fault interpretation (or any other project item) created in Client Project A can be transferred to Client Project B using the 'Copy From Project' option, while both can reference the Master Project data.

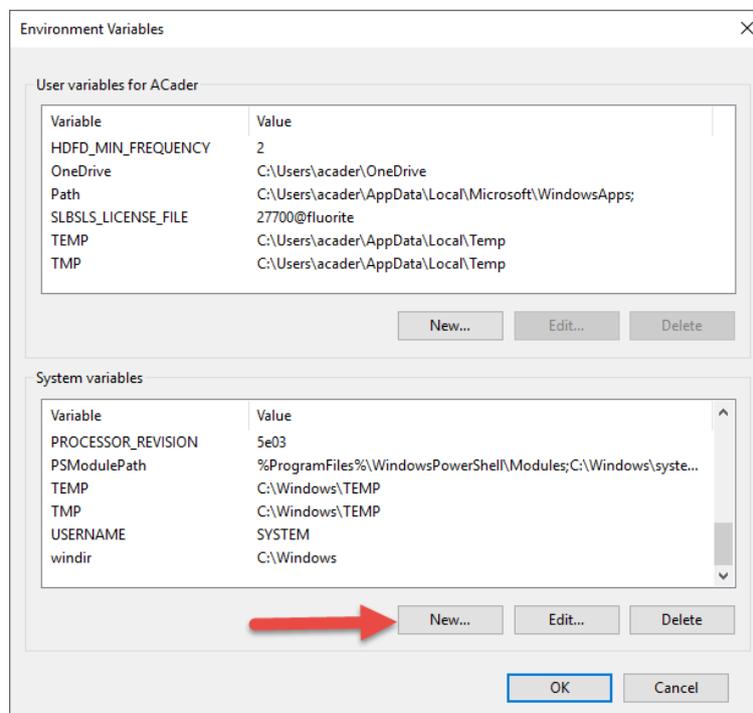


Information for Admins

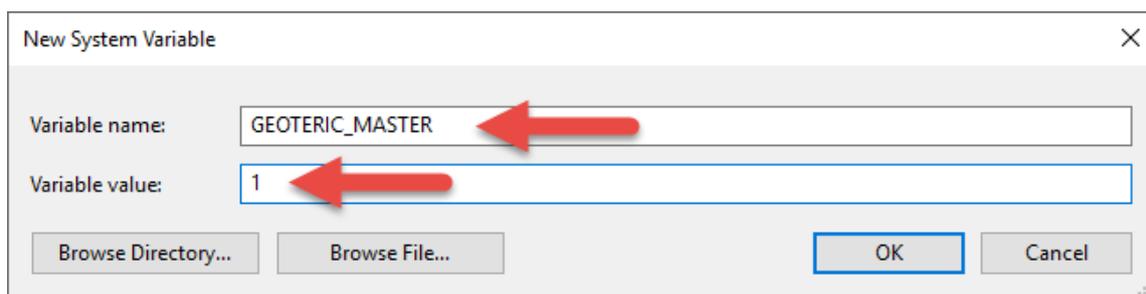
Admins who will be in control of the Master Project can ‘publish’ all project tree items, including volumes and blends. To activate this functionality an environmental variable must be created.



This can be accessed by going to System properties and selecting Environment Variables.

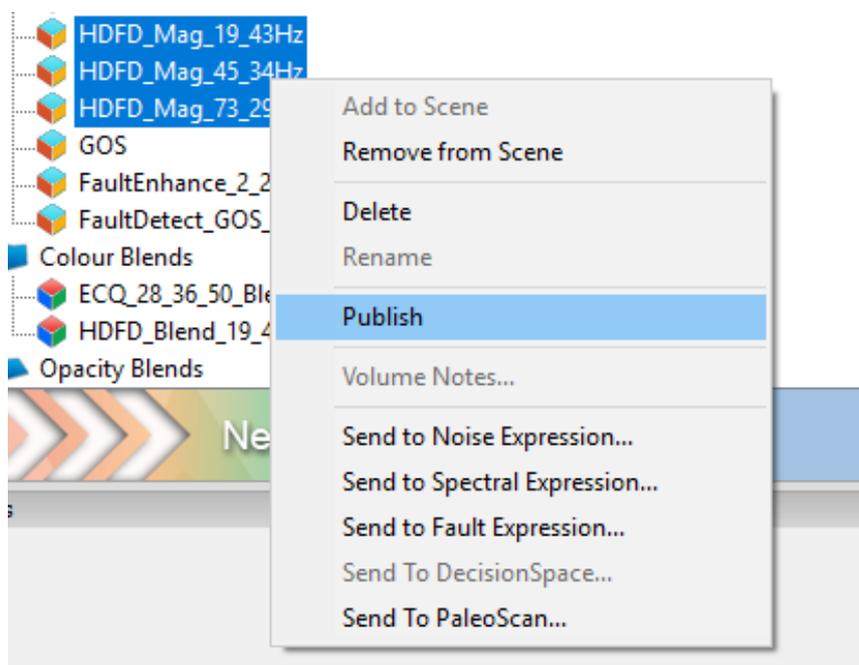


In the System variables section, select New.



Input as a New System Variable, the name GEOTERIC_MASTER, with a value of 1.

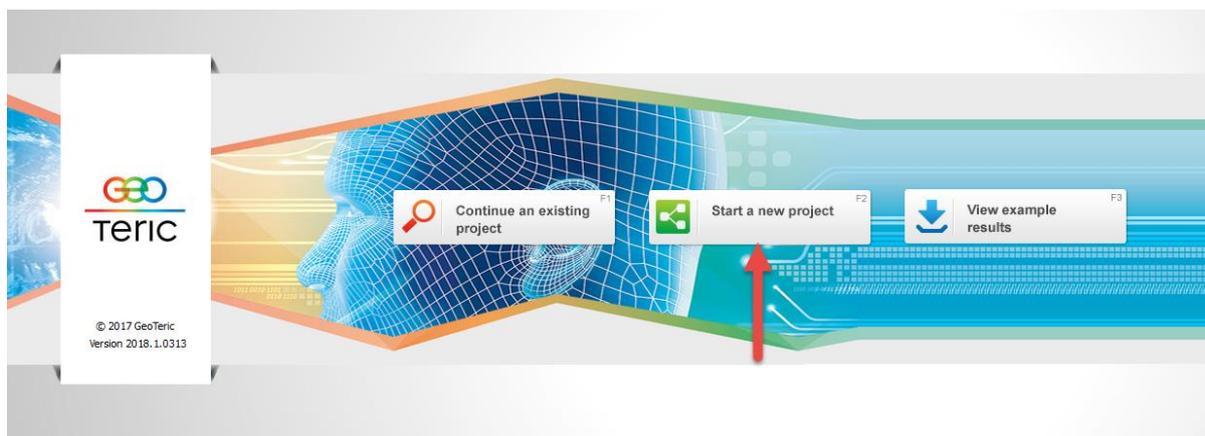
With the above settings, Master Project admins will be able to 'publish' their data which will let interpreters using Client Project, to import that data.



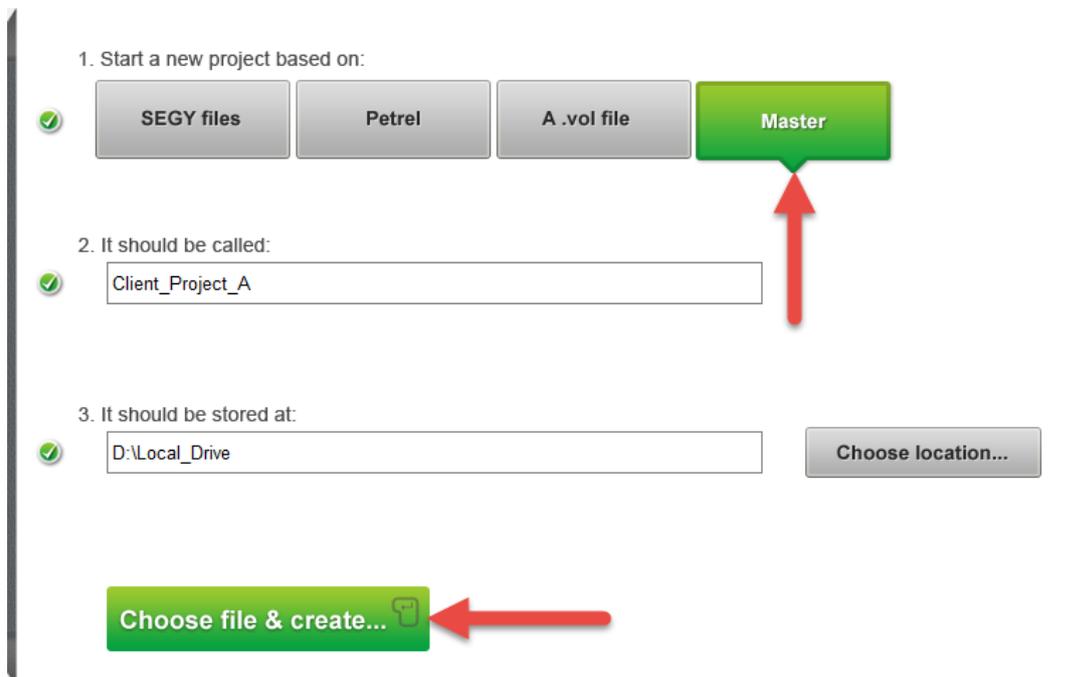
This can be done by right clicking on any project tree item and selecting 'Publish'.

Creating Master and Client Projects

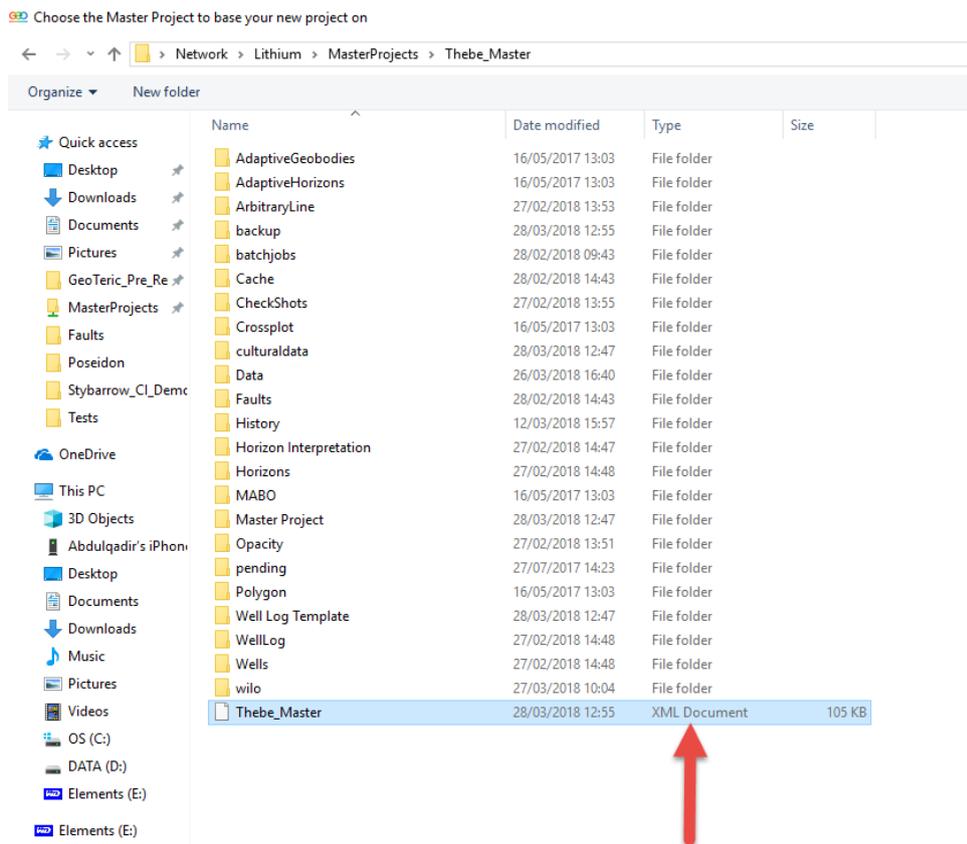
To create a Master Project, nothing different needs to be done. Any GeoTeric project (existing or new) can become a Master Project. These Master Projects can be linked to by a Client Project. The easiest way to create a Client Project is by starting a new project based on 'Master', and subsequently selecting the XML file for that corresponding Master Project.



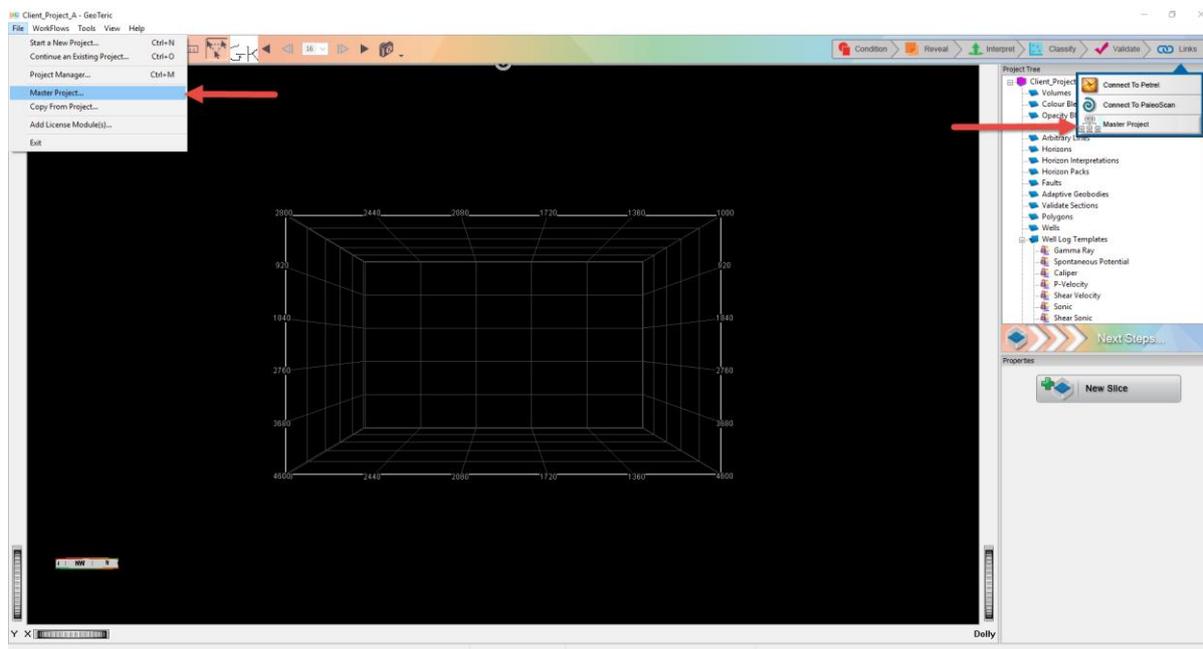
Start-up GeoTeric 2018.1 and select 'Start a new project'.

The image shows a dialog box for creating a new project. It has three sections: 1. "Start a new project based on:" with four buttons: "SEGY files", "Petrel", "A .vol file", and "Master". The "Master" button is highlighted in green and has a red arrow pointing to it. 2. "It should be called:" with a text input field containing "Client_Project_A". 3. "It should be stored at:" with a text input field containing "D:\Local_Drive" and a "Choose location..." button. At the bottom, there is a green "Choose file & create..." button with a red arrow pointing to it.

The Master tab should be selected and after naming the project and selecting where it should be stored; click on the 'Choose file & create' tab.

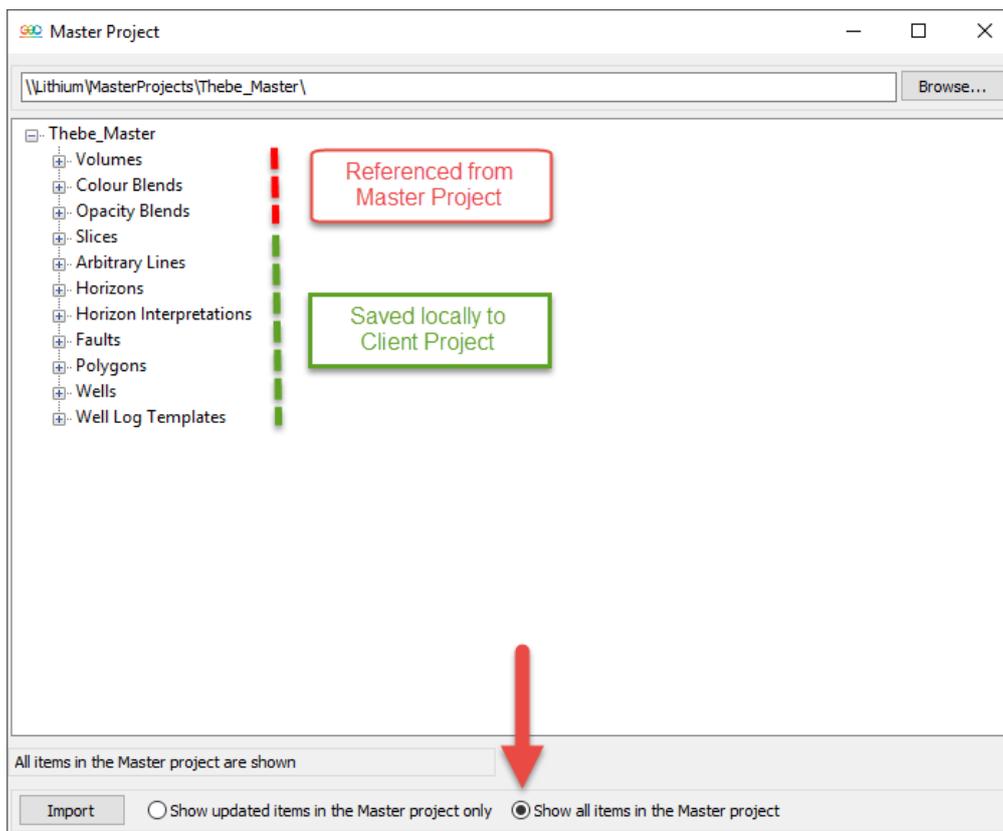


Browse for your Master Project and open the project directory where you will be able to select the XML file.

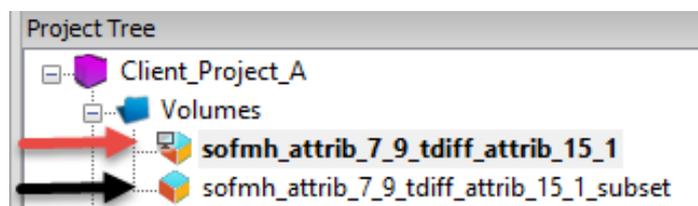


This will then open a blank Client Project. The Master Project transfer window can be accessed by either clicking on the links tab in the top right-hand corner of the main window, or by going to File in the top left-hand corner.

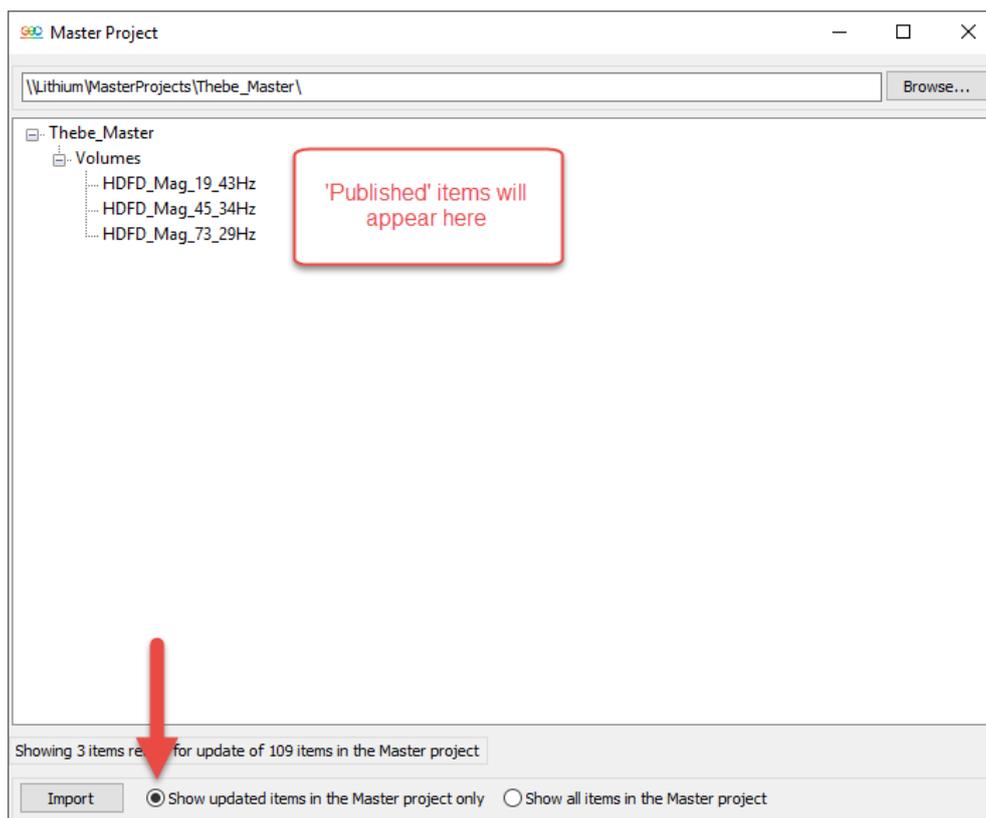
Importing Data



When the Show all items selection is active, the user will be able to import any project tree items into the Client Project. The Volumes and Blends, will only be referenced, all other project items will be stored locally. If the user wishes to make the Volumes or Blends local as well, the Volumes can be right-clicked and a 'subset' of the entire volume can be created which will be stored locally.



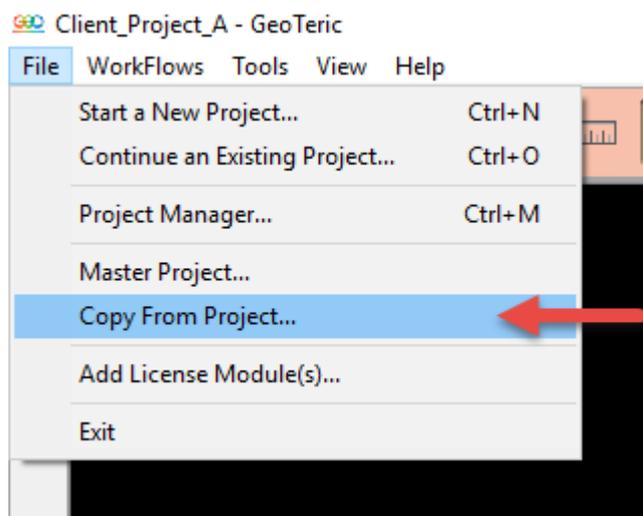
Referenced volumes can be distinguished from local volumes by the different icons. The icon identified by the red arrow is a referenced volume, while the icon identified by the black arrow is a local one.



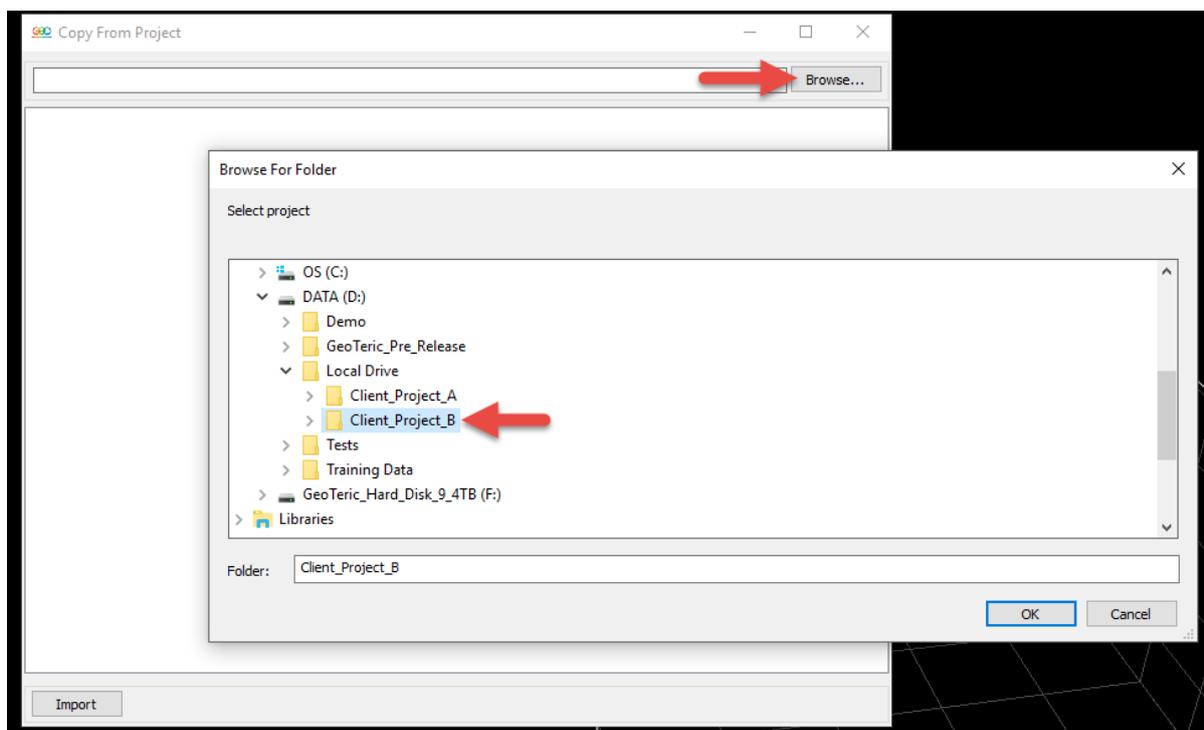
If the user wishes to import a published project tree item, the 'Show updated items' option should be selected. These can be imported as a copy or these can overwrite existing items.

Transferring Data between Client Projects

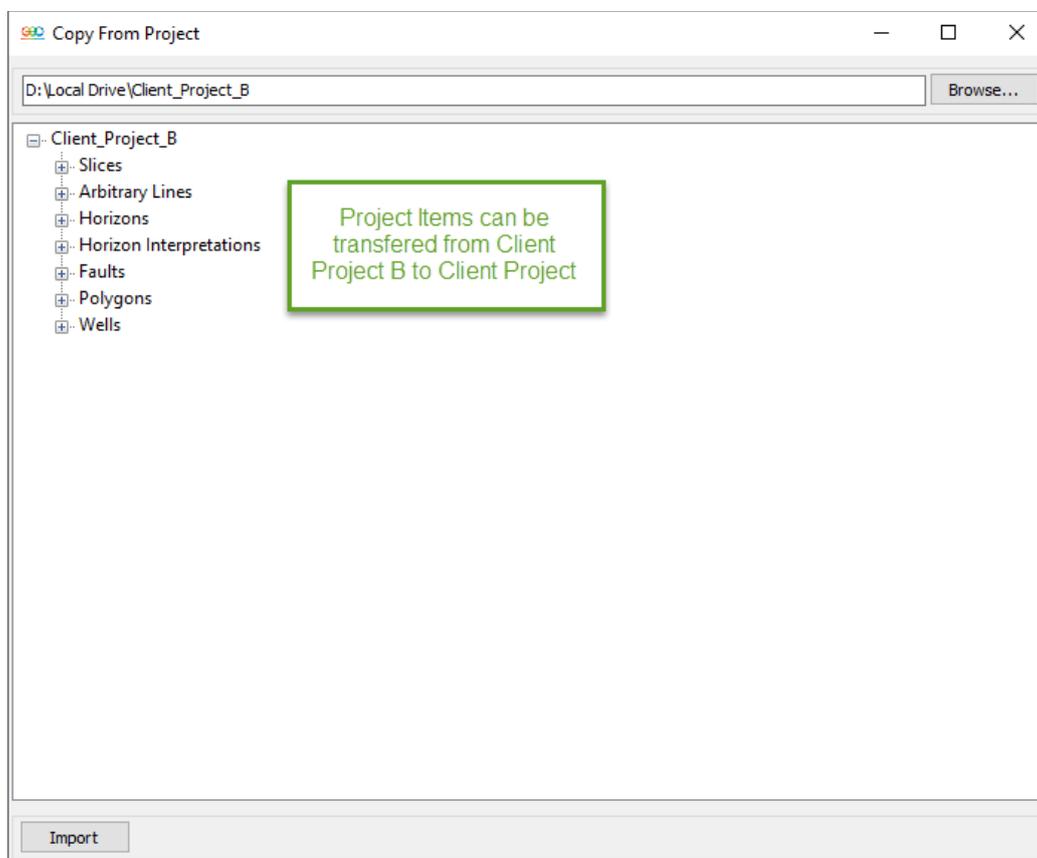
In addition to transferring data from a Master Project, project item data (not volumes or blends) can be transferred between Client Projects if there is a CRS compatibility. For example, if a horizon interpreted in Client Project B is needed in Client Project A, the item can simply be selected and seamlessly imported.



The transfer window for this can be accessed in File, in the top right-hand corner of the main window, where 'Copy From Project' can be selected.



The Client Project that the user wishes to copy from simply needs to be browsed, and the directory needs to be selected.



All project items can then be transferred across from one Client Project to another, please note: Volumes and Blends cannot be copied from a Client Project.