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How do I merge my MVM planning information?

Steps	Results
<p>MVM has 21 layers of planning information, one for each type.</p> <p>As far as a member of the public is concerned they only wish to know about all the planning applications that might affect them. They do not want to have to select all of the individual layers of information.</p> <p>Here you can see this list has both types COND and LBC.</p>	
<p>First we have to create a Connection in the Workflow section of iShareMaps Studio to the PostgreSQL database if this does not already exist.</p>	
<p>Then we need to create the individual Tasks to massage the data.</p> <p>The first Task required is to copy the data from each of the individual MVM Planning MapInfo .tab files into the Postgres database.</p> <p>Here we have created a Task called "AAA" to copy the AAA planning .tab file to the Postgres database into a table called stc_planning and choosing to Overwrite the layer.</p>	
<p>This next task is similar to the last only this time we are copying the ADV MapInfo .tab file into the Postgres table stc_planning this time choosing to Append it to the existing layer.</p>	

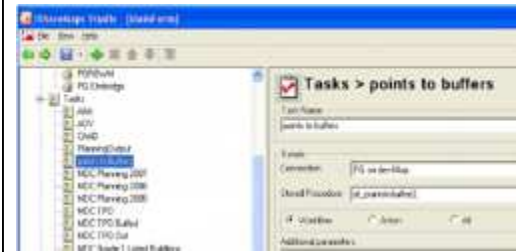
Here we are adding a similar task for the **CAAD** layer.



Now we need to create a Task to add a buffer around all point data to create polygons.

This is done using a Stored Procedure supplied by Astun Technology.

This **Stored Procedure** has been created in the PostgreSQL database.



Once you have added all the required MVM planning layers and created buffers around all point data the next Task is to output the data from the **stc_planning** table in the Postgres database to a **MapInfo .tab** file. Here it is called **Output.tab**



Having created the individual tasks we now need to create a Job to run the tasks in the correct sequence.

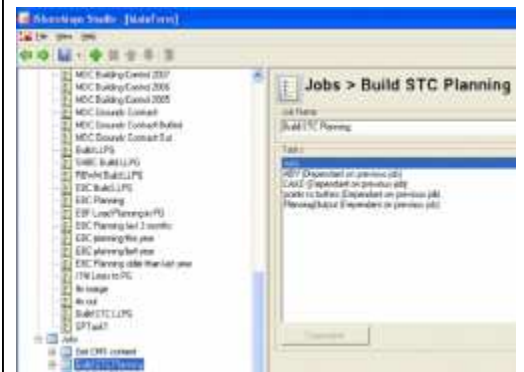
Here we have created a **Job** called **Build STC Planning**.

The Tasks that need to be performed are:

- **Load** the AAA planning information into the Postgres database.
- **Load** the ADV planning information into the Postgres database.
- **Load** the CAAD planning information into the Postgres database.
- Create a **Buffer** around the point information
- **Output** the MVM Planning information to a MapInfo .tab file

Each of the tasks needs to be dependent upon the first task running successfully. If the task does not run successfully then an email is sent to a predefined address.

The scheduler entry can then be updated to say when and how often this Job should be run.



Here is the result →



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