

## Transitioning to TBEST 4.2.1

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TBEST 4.2.1 is installed with new features which will require the user to transition a limited set of data and files if an older version of TBEST is already installed. Below are instructions for transitioning to TBEST 4.2.1:

### 1. Install TBEST 4.2.1

- a. Download the latest install from the TBEST website. Select the install which matches the ArcGIS version on the target machine.
- b. Uninstall the existing TBEST and install TBEST 4.2.1

### 2. Remove Model Files

- a. If present, model files deployed with prior TBEST versions should be removed from the machine. This includes the **TBEST Model**, **TBEST Land Use Model** and **TBEST Land Use Model 2015** structures.
- b. To remove a model, open TBEST and navigate to the Models folder in the TBEST Explorer panel. Within the Models folder, right-click on the models to remove and select Delete from the context menu.
- c. The TBEST Land Use Model 2016 should be the only remaining model. The before and after images of the TBEST Explorer panel illustrate the available models. The exception would be if the TBEST Land Use Model 2015 is required for legacy model compatibility or if a customized TBEST model structure is present.

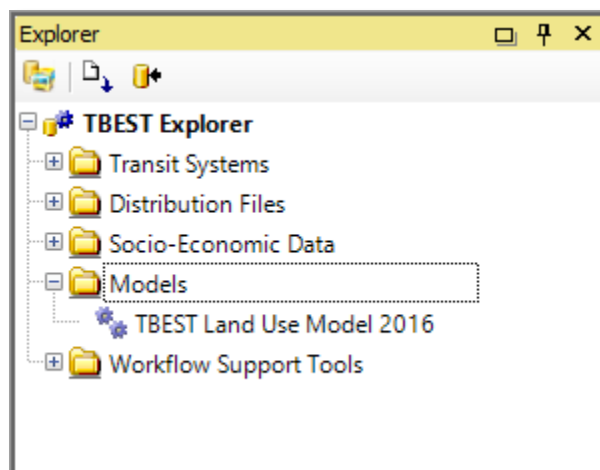


Figure 1.1 TBEST Explorer after Removing Models

- d. Users with custom model structures not listed in the instructions above will need to convert the model to be compatible with TBEST 4.2.1 before proceeding.

### 3. Reject the model validation for existing Transit Systems

- a. Users will need to re-validate Transit Systems which were validated using a legacy model structure. If no current validation exists for the Transit System, proceed to Step 4.
  - b. Reject the current model validation. To reject a model validation, right-click on the Transit System in the TBEST Explorer panel and select Reject Model Validation from the context menu.
- 4. Reference the new TBEST Land Use Model 2016 to Transit System Scenarios**
- a. For each Transit System Scenario that needs updating, reference the new TBEST Land Use Model 2016 structure through the Scenario Properties.
  - b. Scenario Properties can be accessed within the TBEST Explorer panel by right-clicking on a Scenario and selecting Properties from the context menu. Within the Scenario Properties dialog, select the TBEST Land Use Model 2016 option in the Scenario Model drop-down list and click the OK button.
  - c. The Scenario Properties dialog with the TBEST Land Use Model 2016 selected is illustrated below.
  - d. If necessary, update existing routes within each scenario to the new Rapid route type.
  - e. Run the TBEST Ridership Estimation model for each updated scenario.

**Figure 1.2 TBEST Scenario Properties with TBEST Land Use Model 2016**

**5. Update the Network**

- a. If applicable, update the first boarding and transfer fare from a single system-wide fare to fare by route type and transit mode.
- b. If applicable, update existing route types to the new Rapid type.

**6. Re-validate the Transit System**

- a. If the Transit System model validation was rejected in Step 3, users will need to validate the Transit System with the updated TBEST Land Use Model 2016 referenced to each Transit System Scenario.