

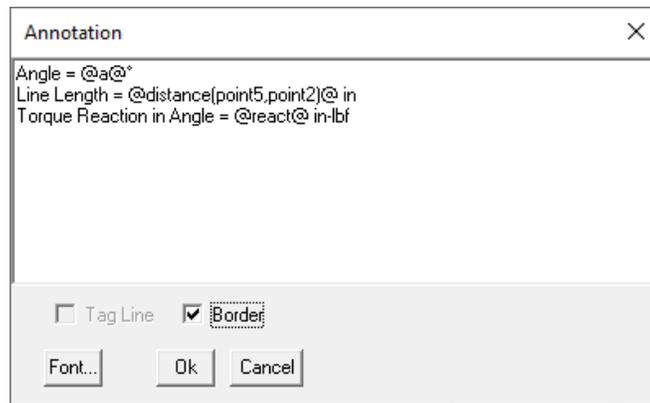
What's New in Analytix 21 v2.0

1. We have implemented a list feature. Lists are delimited by square brackets. You can do arithmetic on lists, and the arithmetic operator will be applied on an element by element basis

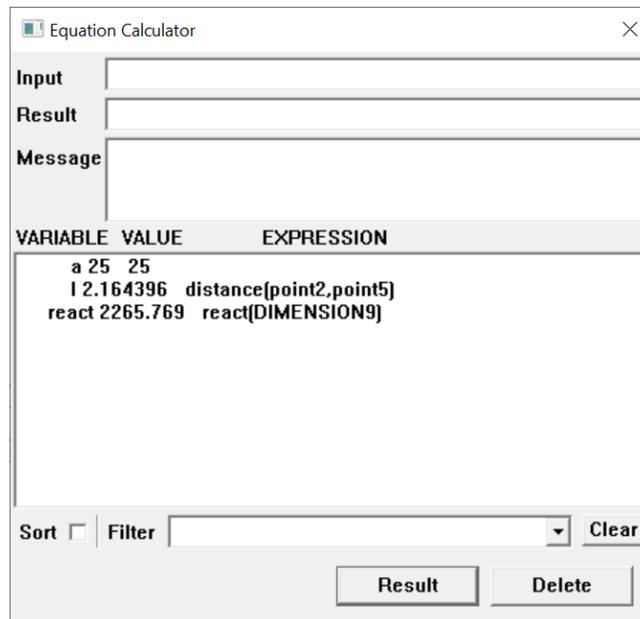
2. We provide vector versions of various functions which report aspects of the model:

- vcoord
- vvel
- vacc
- vreact
- vdef
- vcentroid

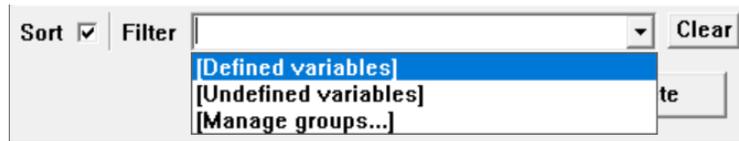
3. You can now create multi-line annotation



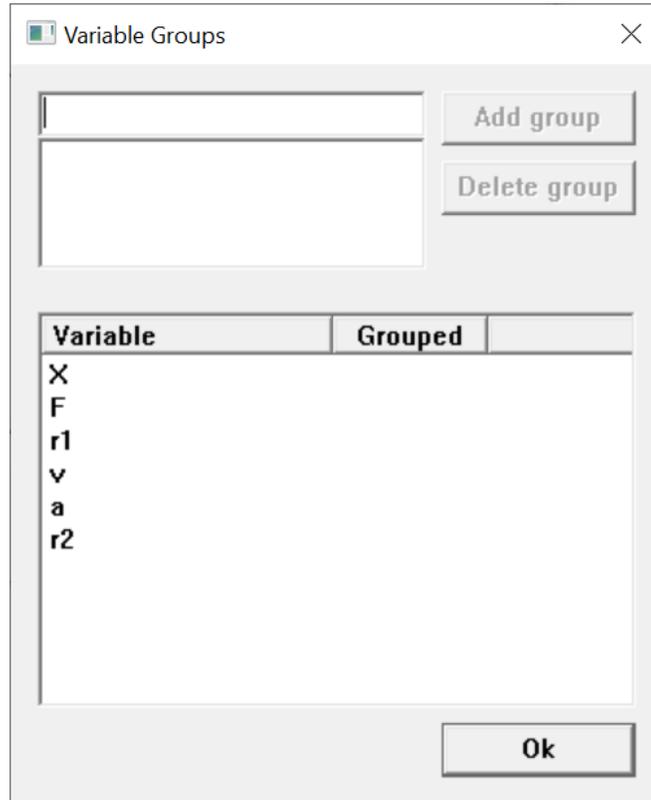
4. We have added Filter option in Equation Calculator to filter by defined variable, undefined variable, or by variable name. You can also organize variables into groups and apply filters using the group names.



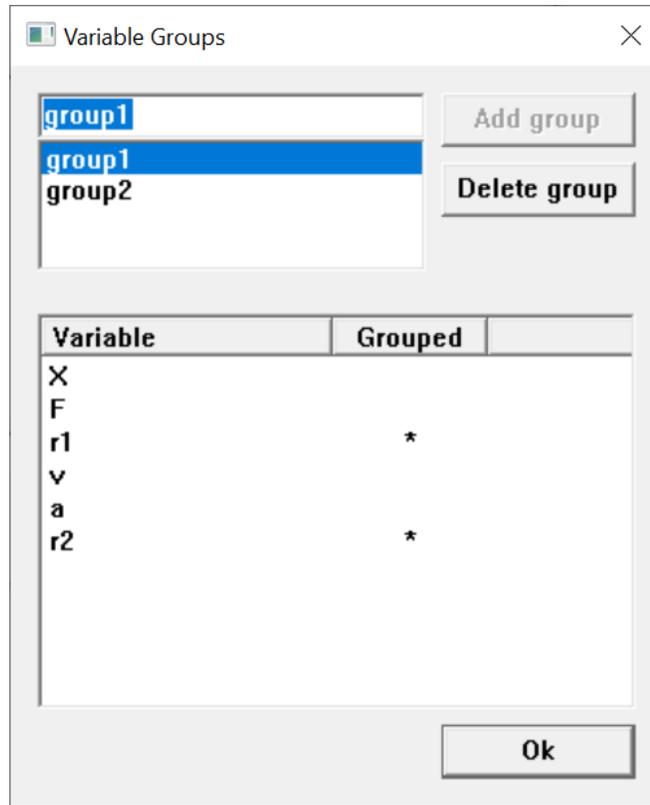
You can also organize variables into groups and apply filters using the group names.



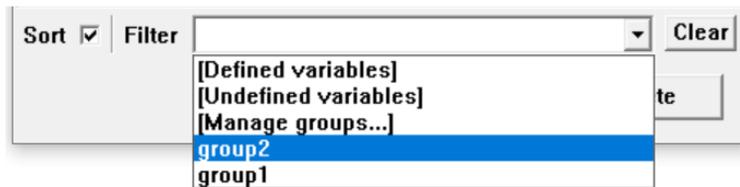
To group variables, select [Manage groups...]. This brings up the "Variable Groups" dialog



- To add a group, input group name and then click [Add group].
- To delete a group, highlight the group name and then click [Delete group]
- To add a variable to a group, highlight the group name and the variable, then click on the "Grouped" column. The '*' will be displayed for that variable



Click [OK] after you're done and the group names will be shown in the Filter drop-down list and you can apply filters using the group names.



5. We now have icons for Blank/Unblank Geometry, Dimensions, Force Elements, and Annotations



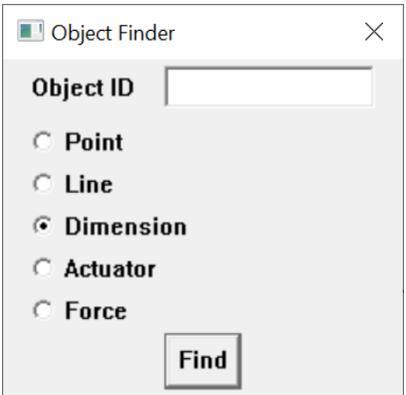
After clicking on a button to blank the selected entities, the button is highlighted in black. You can click on it again to unblank the blanked entities.



6. We now have icons for Add Load, Add Actuator, Resultant, and Force on Pin

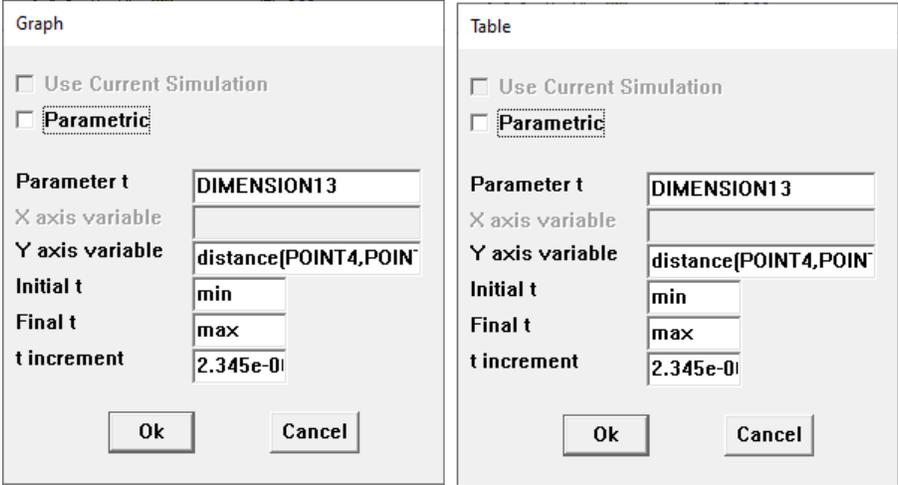


7. We added Actuator and Force to Object Finder dialog as you requested



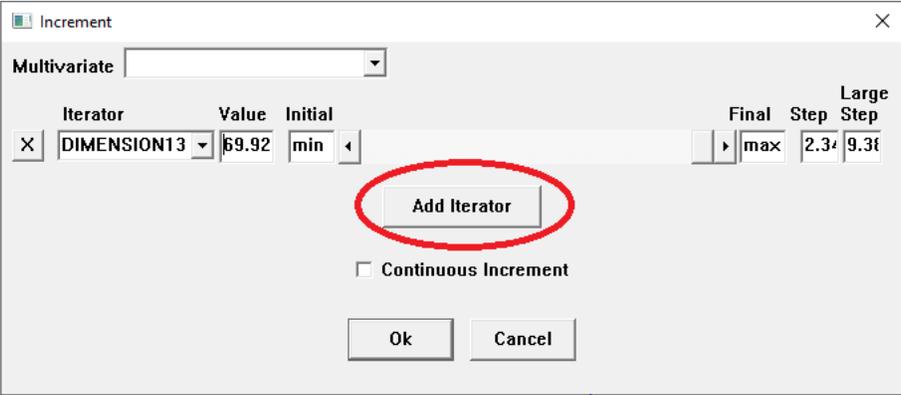
8. We have implemented pi(), floor() and ceil() functions

9. Now you can graph and create table between variables, defined in Equation Calculator dialog, in addition to numeric values. AX is now allowing Initial t to be greater than Final t.



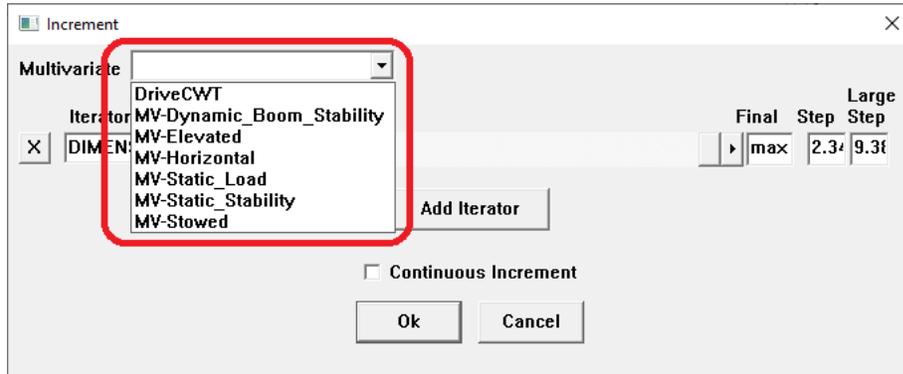
10. Improvements in **Increment** dialog box.

- Now you can add additional variables to increment instead of having several increment boxes open.



- To add an iterator, click [Add Iterator] button.

- To delete an iterator, click the [x] button in front of it.
- You can select an iteration in the Multivariate drop-down to run after each increment.



The Multivariate drop-down list the problems stored in Iteration Manager dialog.

