



## **BenderRBT Test Case Design Tool – Release 7.0**

### **Cause-Effect Graphing Test Case Design Component**

- New Graphic Front End – The Visio based front end has been replaced with an integrated visual basic C-E Graph drawing tool.
- Existing Test Support – The user now has the option to design new tests, evaluate existing tests, supplement existing tests, or revise the descriptions in existing tests. The existing tests do not have to have been designed by RBT to use this feature.
- Test Optimization – The user can ask RBT to select the subset of tests with the maximum coverage. This is very useful if there is not time to build and run all of the tests before a critical checkpoint.
- Export to TestExplorer – An export to Sirius-SQA’s TestExplorer test management tool has been added. It works similarly to the export to Mercury’s TestDirector.
- New Cause-Effect Graphing User Guide – The User Guide has been totally rewritten.
- New Help Support – The embedded Help has been totally redone and includes context sensitive Help.

### **Quick Design Component**

- Existing Test Support - The user now has the option to design new tests, evaluate existing tests, supplement existing tests, or revise the descriptions in existing tests. The existing tests do not have to have been designed by RBT to use this feature.
- Test Coverage Analysis – Quick Design can now calculate the functional coverage status based on which tests passed/failed in execution.
- Test Optimization - The user can ask Quick Design to select the subset of tests with the maximum coverage. This is very useful if there is not time to build and run all of the tests before a critical checkpoint.
- Export to TestExplorer - An export to Sirius-SQA’s TestExplorer test management tool has been added. It works similarly to the export to Mercury’s TestDirector.
- New Statistics Report – A Statistics Report similar to that in the Cause-Effect Graphing component has been added.

- Strong Editing Support – When you edit your input data Quick Design automatically ensures that other portions stay in sync. For example, if you delete a variable Quick Design will automatically adjust any constraints which included that variable. There is also strong “undo/redo” support.
- New Quick Design User Manual – The Quick Design User Manual has been fully updated to reflect the changes.
- New Help Support – The embedded Help has been updated, including the context sensitive Help.