**Graph Snap**

**Test Cases and Procedures**

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# Test Cases

### Test Case 1

**Test Case ID –** RBC.graph.snap.1

**Test Item –** The *snap* function of the *graph* BLT component.

**Input Specification –** A image to put BLT graph image in

**Output Specification –** The image contains the image of the graph

**Special Procedural Requirements –** None

**Inter-case Dependencies –** None

# Automated Tests

None

# Manual Tests

***Test Case 1***

**Test Procedure – Full Sized**

**Purpose –** Ensure snap takes a picture and stores it as a Tk image.

**Special Requirements –** None

**Script –** RBC.graph.snap.1.tcl

**Procedural Steps**

* Setup – Call the “graph.snap::RBC.graph.snap.1.1.Setup” Tcl command
* Pre-Condition – A graph is displayed with line data on it
* Body

1. Call the “graph.snap::RBC.graph.snap.1.1.Body” Tcl command

* Post-Condition – A button with a red background and image of the pre-condition graph on it.
* Cleanup – Call the “graph.snap::RBC.graph.snap.1.1.Cleanup” command

**Test Procedure – Vertically Smaller (Doesn’t Work)**

**Purpose –** Ensure snap takes a set height picture and stores it as a Tk image.

**Special Requirements –** None

**Script –** RBC.graph.snap.1.tcl

**Procedural Steps**

* Setup – Call the “graph.snap::RBC.graph.snap.1.2.Setup” Tcl command
* Pre-Condition – A graph is displayed with line data on it
* Body

1. Call the “graph.snap::RBC.graph.snap.1.2.Body” Tcl command

* Post-Condition – A button with a red background and image of the vertically smaller pre-condition graph on it.
* Cleanup – Call the “graph.snap::RBC.graph.snap.1.2.Cleanup” command

**Test Procedure – Horizontally Smaller (Doesn’t Work)**

**Purpose –** Ensure snap takes a set width picture and stores it as a Tk image

**Special Requirements –** None

**Script –** RBC.graph.snap.1.tcl

**Procedural Steps**

* Setup – Call the “graph.snap::RBC.graph.snap.1.3.Setup” Tcl command
* Pre-Condition – A graph is displayed with line data on it
* Body

1. Call the “graph.snap::RBC.graph.snap.1.3.Body” Tcl command

* Post-Condition – A button with a red background and image of the horizontally smaller pre-condition graph on it.
* Cleanup – Call the “graph.snap::RBC.graph.snap.1.3.Cleanup” command