

VistA Automated Testing Software (VATS)

Version 1.1.0

User Guide



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1. Introduction

1.1. Purpose

The purpose of the VistA Automated Testing Software (VATS) User Guide (UG) is to provide authorized users detailed information on the VATS application and its functionalities.

2. Getting Started

This section explains the VATS application screen layout and workflow.

2.1. Logging On

Open an Internet browser and enter the following Uniform Resource Locator (URL) to access the VATS application: **TBD**

2.2. Understanding the User Interface (UI)

The VATS application is an Executable Jar File (.jar) that can be accessed using the Java Platform. The application's menu options can be found on the top left side of the screen, as shown in Figure 1. The four menu options are *File*, *Edit*, *Console* and *Window*.

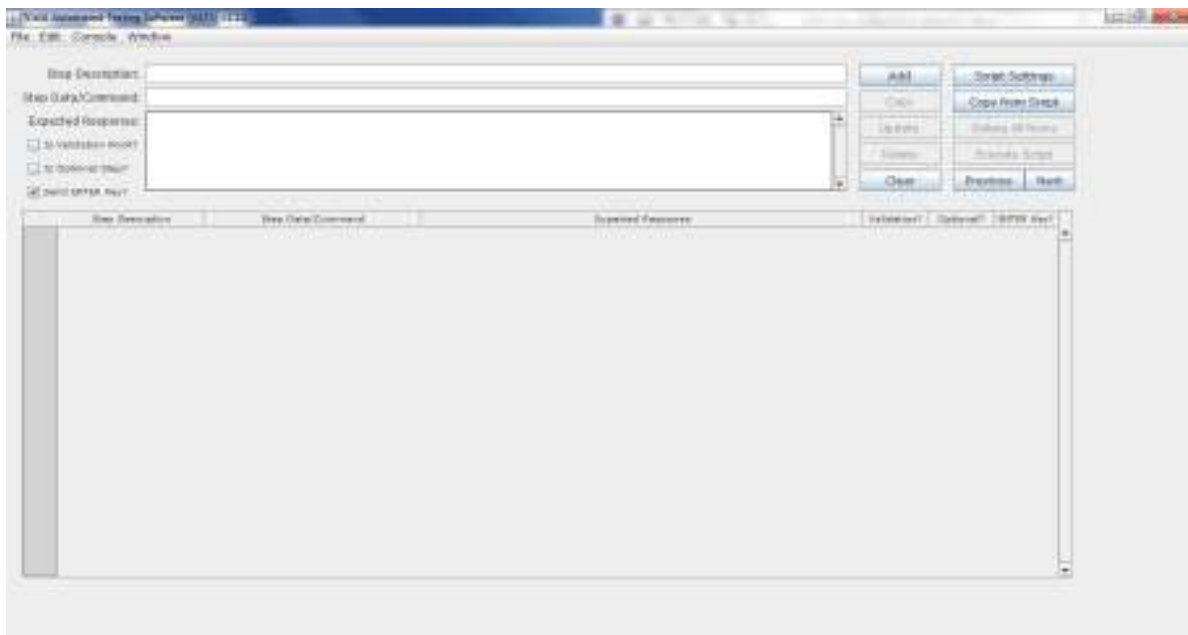


Figure 1. VATS Home Screen

3. Using the Software

3.1. File

3.1.1. New Script

To create a new script, select *File* from the top left corner of the screen, as illustrated in Figure 2, and select *New Script* from the dropdown menu.

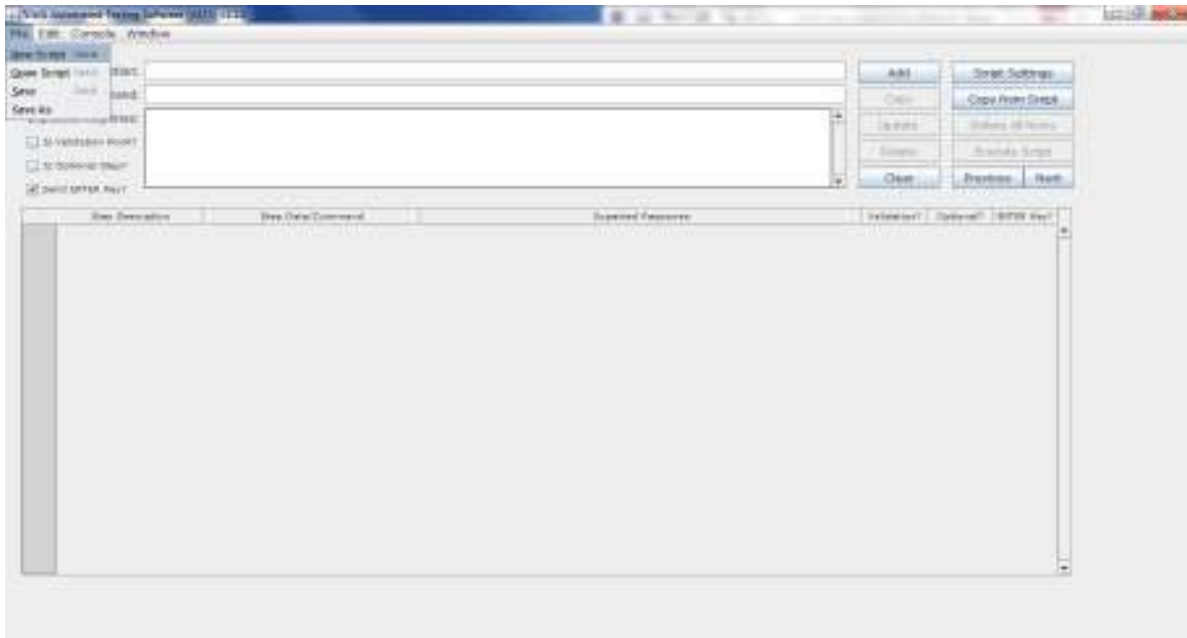


Figure 2. New Script

3.1.2. Open Script

To open an existing script, select the *Open Script* option from the *File* menu. This opens the *Open File* dialogue box, Figure 3.



Figure 3: Open File Dialogue Box

3.1.3. Save / Save As

A test script requires at least one test step to *Save / Save As*. An error message will appear if that criteria is not met, Figure 4.

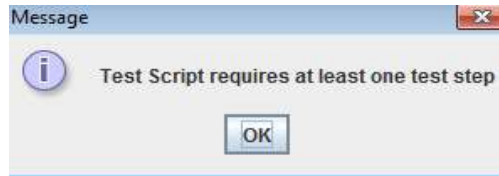


Figure 4: Save Error Message

If the *Save / Save As* criteria is met, the *Test Script Settings* dialogue box will open, Figure 5, wherein the *Test Title*, *Test Case Id* and *Test Type* (Unit, Cist, Functional and Regression, respectively) can be designated.

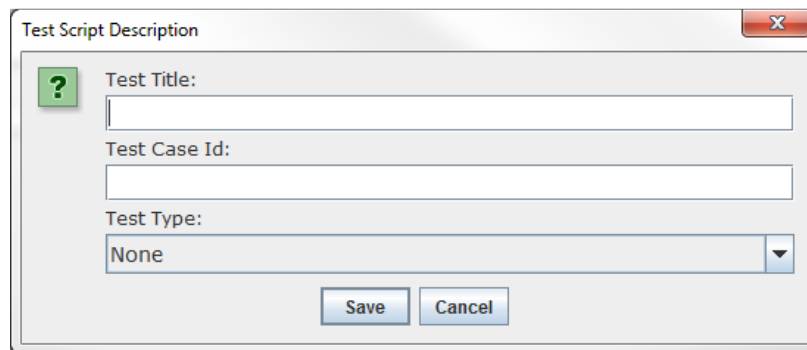


Figure 5: Test Script Settings Dialogue Box

3.2. Edit

The second menu option is *Edit*, Figure 6. Clicking on *Edit* provides the dropdown menu option to *Find/Replace* data, Figure 7.

3.2.1. Find/Replace

Find/Replace can be used to find/replace the content of a script file. *Find/Replace* can also be accessed using the Ctrl+F shortcut.

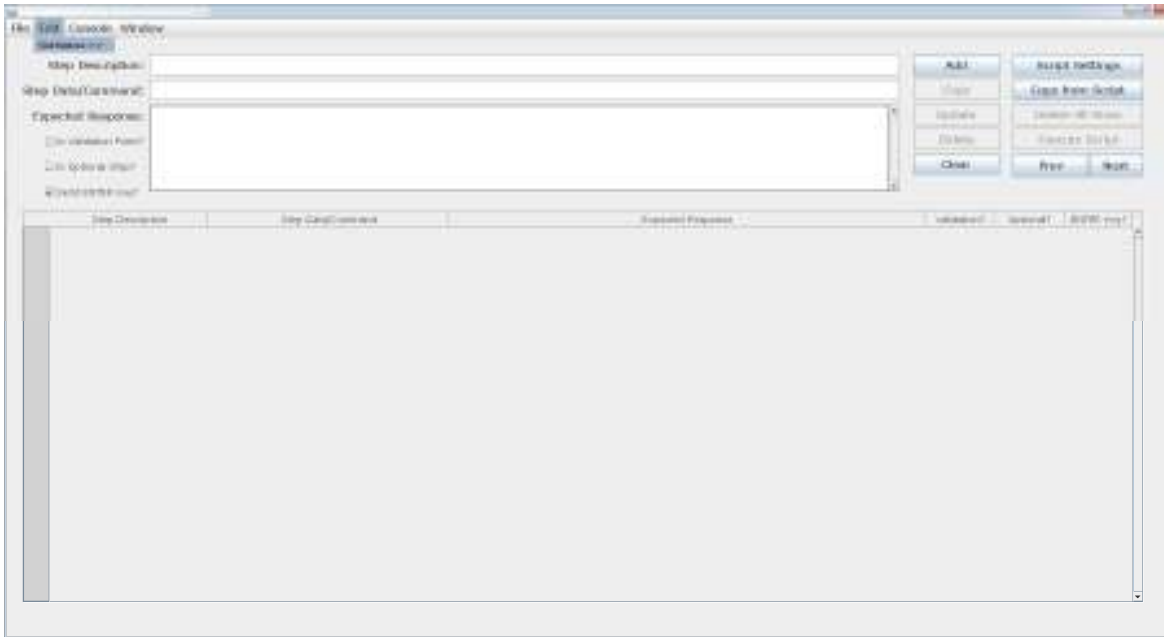


Figure 6: Edit

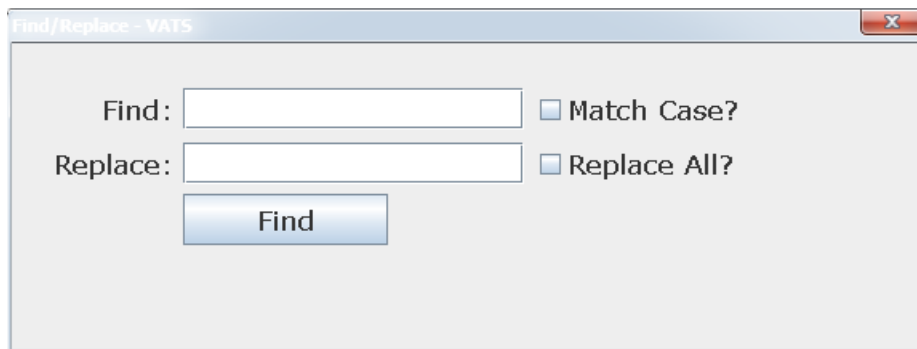


Figure 7: Find/Replace

3.3. Console

The Console menu option has two dropdown features, *Run Scripts* and *Edit Settings*, as shown in Figure 8.

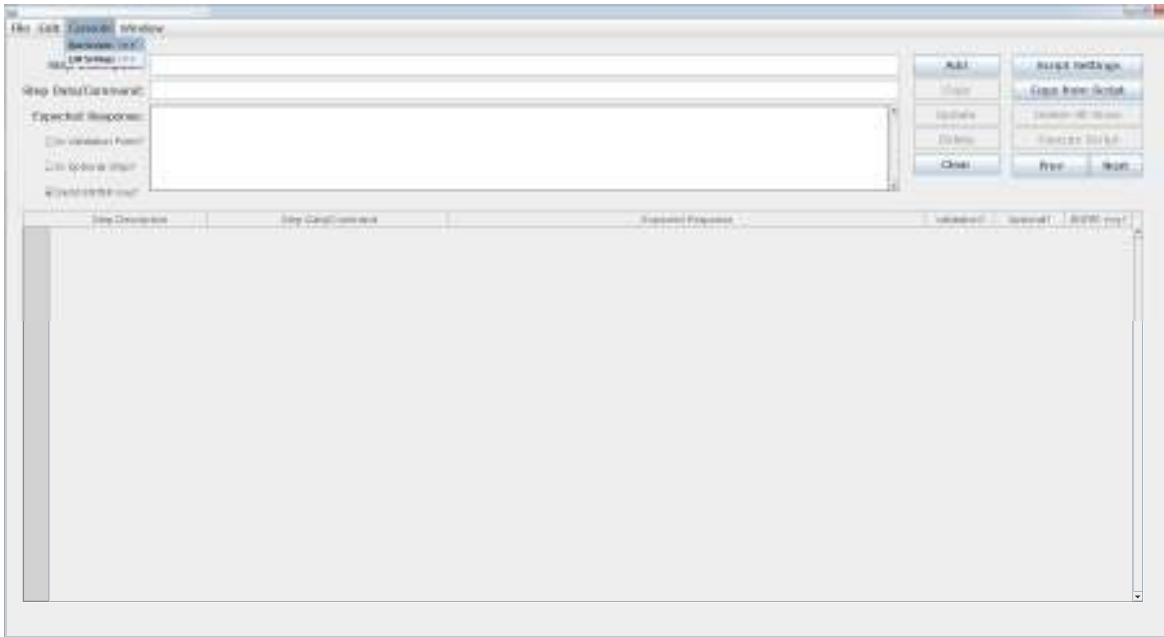


Figure 8: Console

3.3.1. Run Scripts

The *Run Scripts* button opens the *Test Execution Console*, Figure 9, with the *Script File / Directory* field prepopulated. Instructional text is provided in the first window. **Note:** A *Test Execution Log* is required to execute a script.

Following the *Test Execution Log* data entry field is the option to *Append Log*, Figure 9. This setting is selected by default.

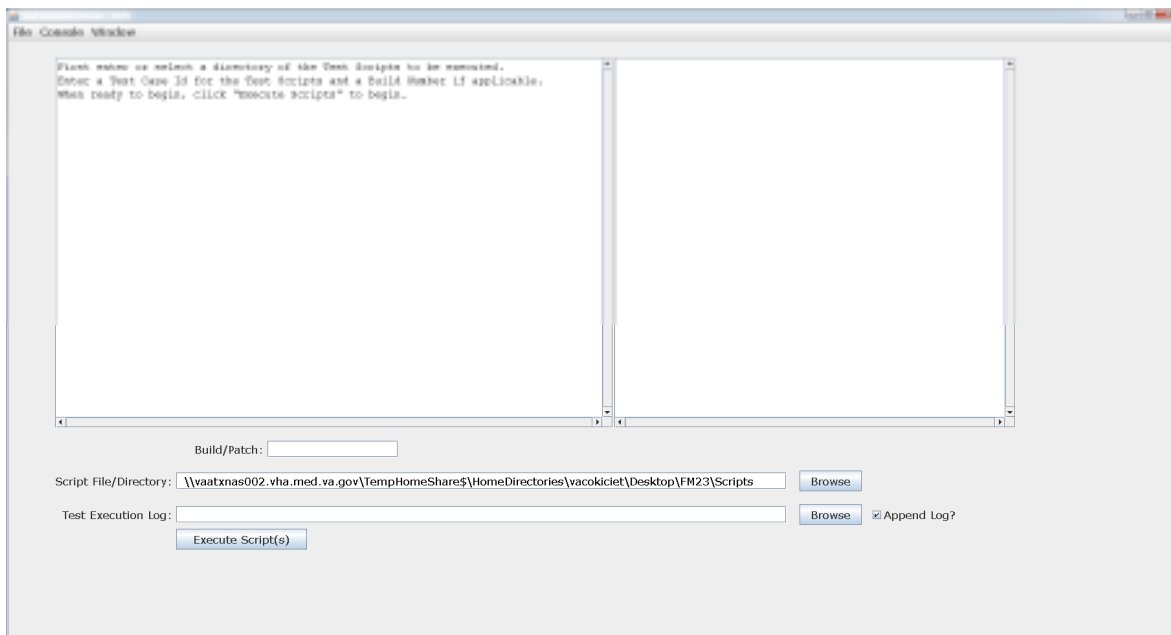
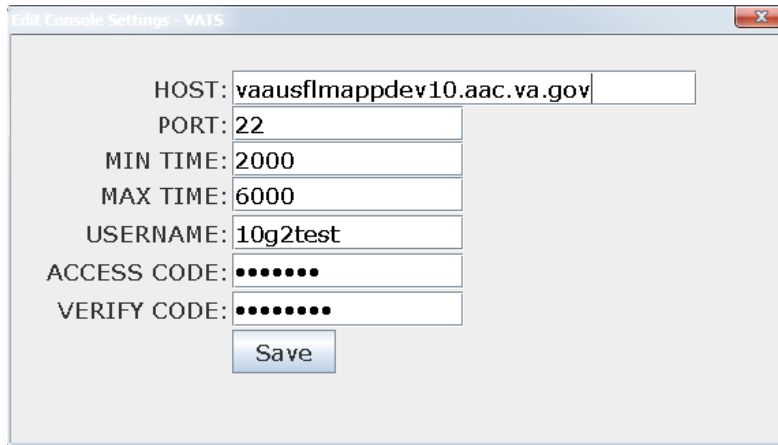


Figure 9: Test Execution Console

3.3.2. Edit Settings

The *Edit Setting* button opens the *Edit Console Settings* menu, Figure 10.



HOST: vaausflmappdev10.aac.va.gov
PORT: 22
MIN TIME: 2000
MAX TIME: 6000
USERNAME: 10g2test
ACCESS CODE:
VERIFY CODE:
Save

Figure 10: Edit Consul Settings

3.4. Window

The *Window* option provides access to the *VATS Home* and *Edit Preferences* in the dropdown menu, Figure 11.

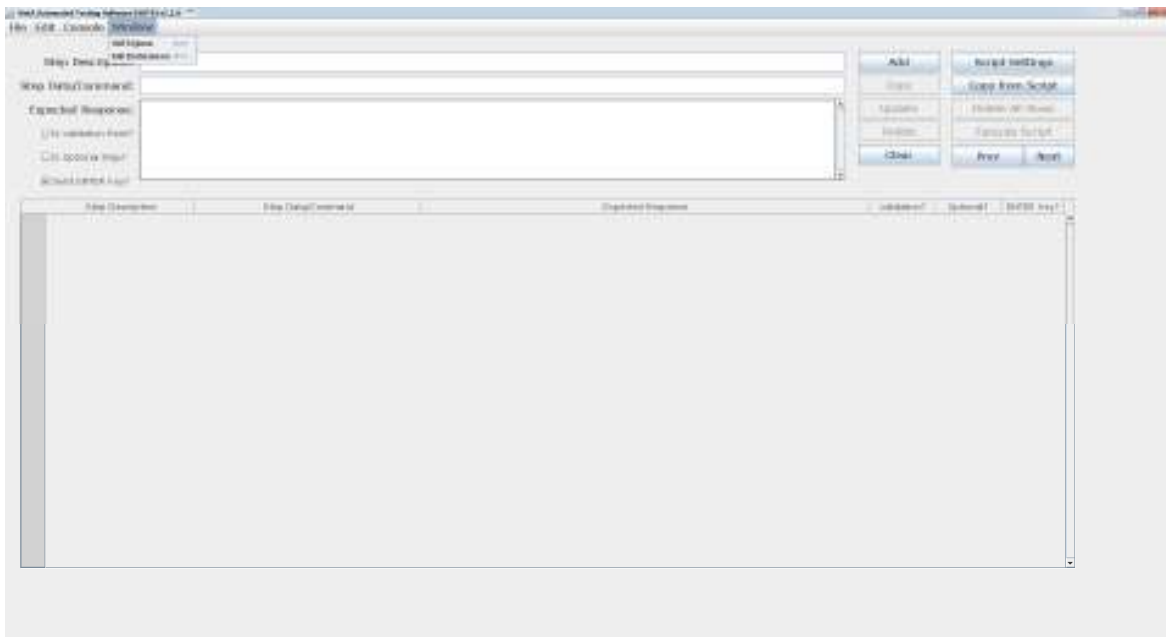


Figure 11: Windows

3.4.1. VATS Home

The *VATS Home* button returns you to the Home screen.

3.4.2. Edit Preferences

Select the *Edit Preferences* option to open the *Edit Preferences* window, Figure 12.

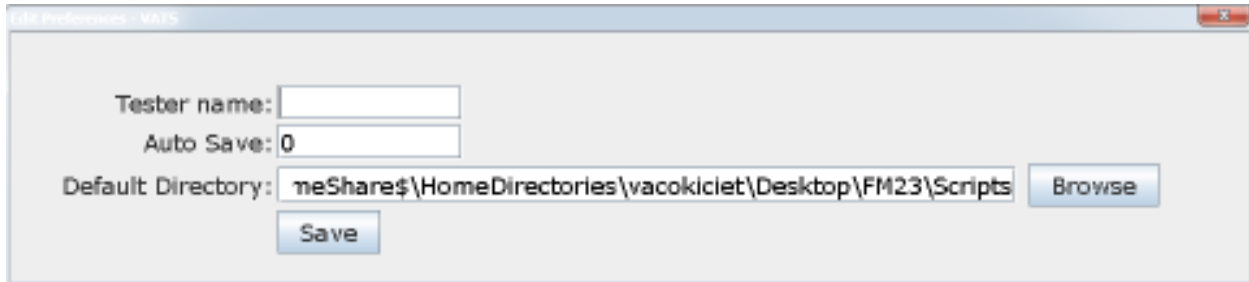


Figure 12: Edit Preferences

3.5. Data Entry Fields

3.5.1. Step Description

In the *Step Description* field, enter a description for this Test Script.

3.5.2. Step Data / Command

In the *Step Data / Command* field, enter the keys to be sent or leave blank for ENTER command only.

3.5.3. Expected Response

Enter the response expected from the system after keys/command is sent. Failure means the system response did not contain the expected response.

Note: *Step Description* and *Expected Response* are required. Testers may elect to select the three (3) options provided under *Expected Response*.

- ✓ Is Validation Point? – Point at which the test is passed.
- ✓ Is Optional Step? – Step can be bypassed.
- ✓ Send Enter Key? – If not selected, the Enter Key will not be sent. Selected by default.

3.6. Button Functions

3.6.1. Script Settings

The upper right button, *Script Settings*, opens the *Test Script Settings* dialogue box, Figure 5, to update file description information.

3.6.2. Copy From Script

The *Copy From Script* button opens the *Copy Test Steps* window, Figure 13, wherein Test Scripts can be selected via the *Browse* and *Copy* buttons to copy from an existing script file.

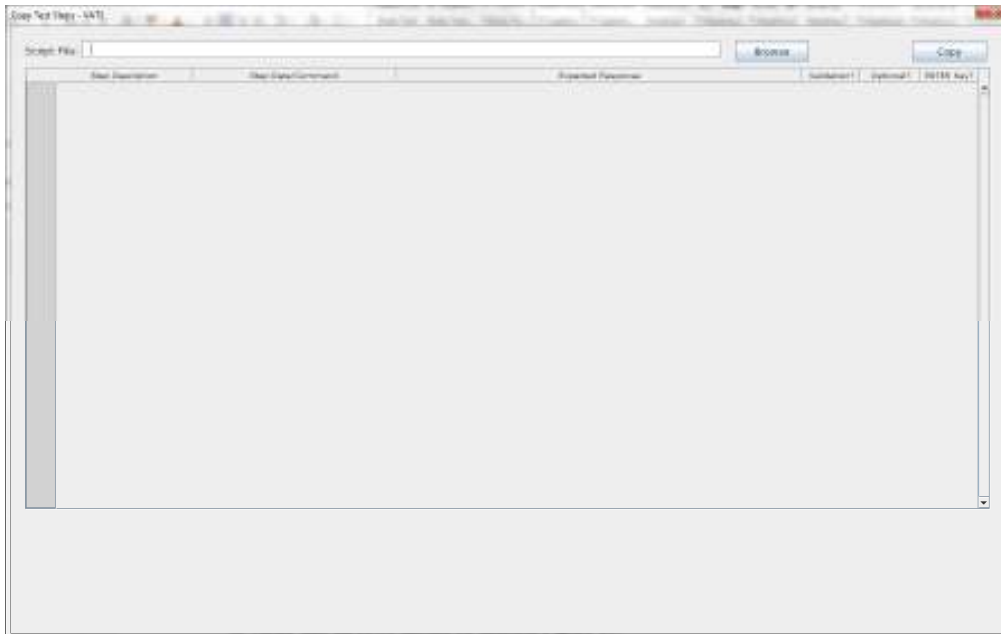


Figure 13: Copy Test Steps

3.6.3. Delete All Rows

The *Delete All Rows* removes all rows in the table below. A confirmation dialog box will open to verify that all rows should be deleted, Figure 14.

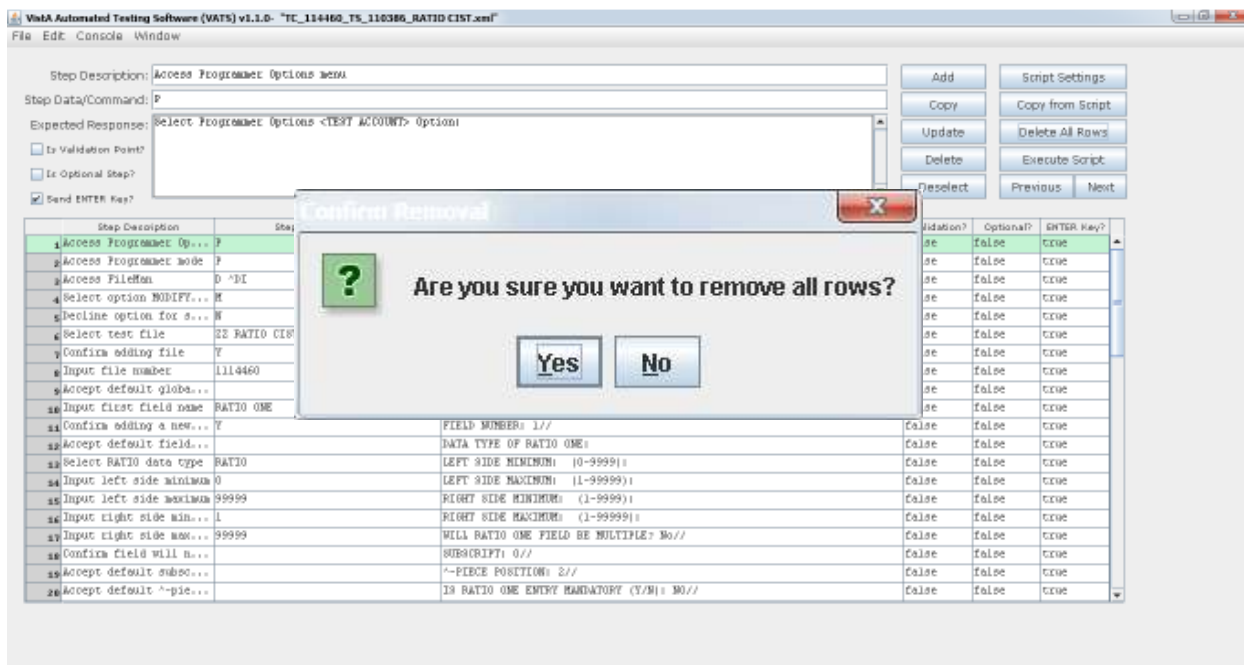


Figure 14: Delete All Rows

3.6.4. Execute Script

The *Execute Script* button opens the *Test Execution Console* where Test Scripts can be executed. First enter or select a directory of the Test Scripts to be executed. Enter a Test Case Id for the Test Scripts and a Build Number, if applicable. When ready, click "Execute Scripts" to begin, Figure 15.

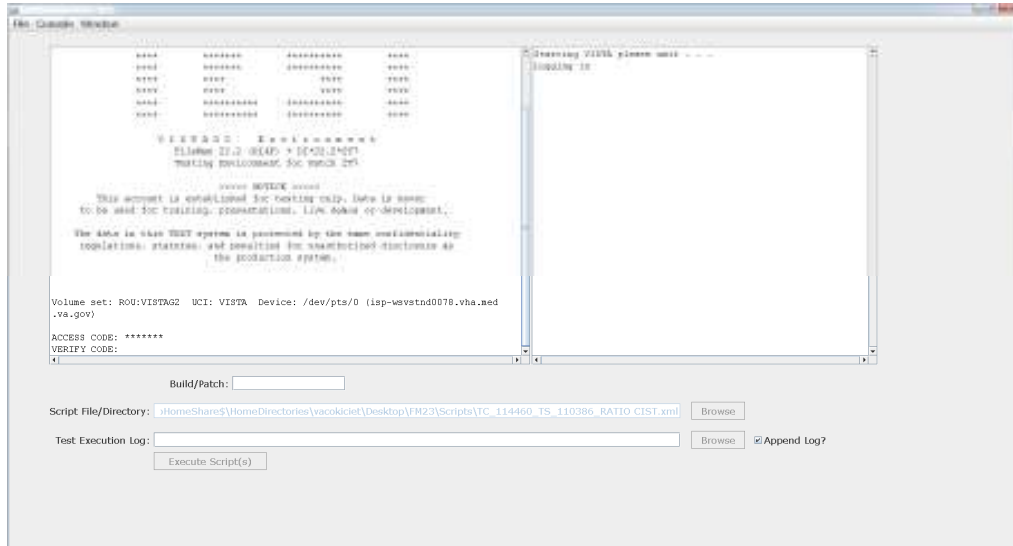


Figure 15: Test Execution

A confirmation window, *Confirm Proceed*, opens if a Build/Patch number has not been entered, Figure 16.



Figure 16: Confirm to Proceed

Scripts must be saved prior to execution. A *Confirm Save* notification will appear before execution occurs if the Test Script(s) have not been saved, Figure 17.

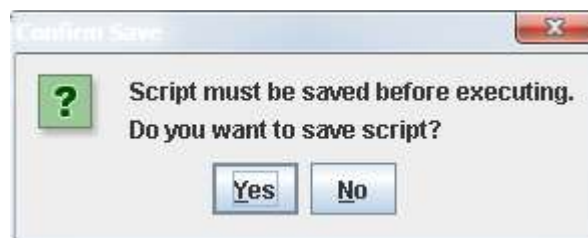


Figure 17: Confirm Save

Upon script execution, a script summary will be generated that illustrates the test results, Figure 18.

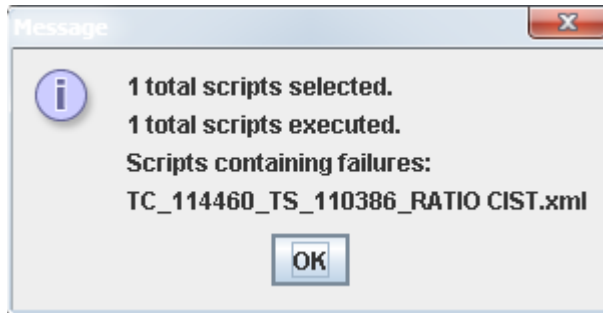


Figure 18: Script Summary

3.6.5. Previous / Next

The *Previous* / *Next* buttons select the next or previous rows in the script table.

3.7. Table Function Keys

Add: Adds a row to the end of table.

Insert: When a row is highlighted, *Add* becomes *Insert*. *Insert* places a row above the selected row.

Copy: Rows can be copied and pasted via the *Copy* button. When a row is copied, the *Copy* button transforms into the *Paste* button for placement.

Paste: *Paste* adds the copied row(s) to the end of the table, unless a row is selected. If a row is selected, the copied row(s) is pasted above the selected row.

Update: Updates selected row(s).

Delete: Deletes selected row(s).

Deselect: Deselects the highlight row(s).

Clear: Clears the data entry fields.

4. Additional Functionality

Rows/Columns: Rows within a table can be highlighted by single-clicking any column within the desired row. Rows and Columns can be updated using the Update button, which updates the information entered in the data entry fields.

Ctrl allows you to click and select multiple files that are anywhere in the table, not necessarily next to each other.

Shift allows you to select a group of files that are contiguous (i.e. next to each other) by clicking one file, and then holding *Shift* and clicking the last file. All the files in-between are selected.

Drag and Drop functionality is enabled, which allows you to "grab" a line and drag it to a different location in the table.