***Testing Report - Ranorex***

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*Test date: 20/03/2018*

* **List of features**

**Keyword-driven**

* Started the application KeePass
* Logged in
* Added a new entry
* Set the attributes for title, username, password, URL
* Chose an icon
* Set the expiration value
* Validated the existence of the newly created entry in the grid
* Deleted the entry
* Saved the changes
* Closed the application

**Data-driven automated test**

* Use variables in recordings and even in the repositories which are connected to external data source (CSV file)
* Six input actions: Title; Username; Password; URL; Expires; IconIndex.
* Six variables: varTitle, varUsername, varPassword, varURL, varExpires and varIconIndex

**Script Testing**

* Programming language used to test: C#
* Reusable steps in keyword-driven testing

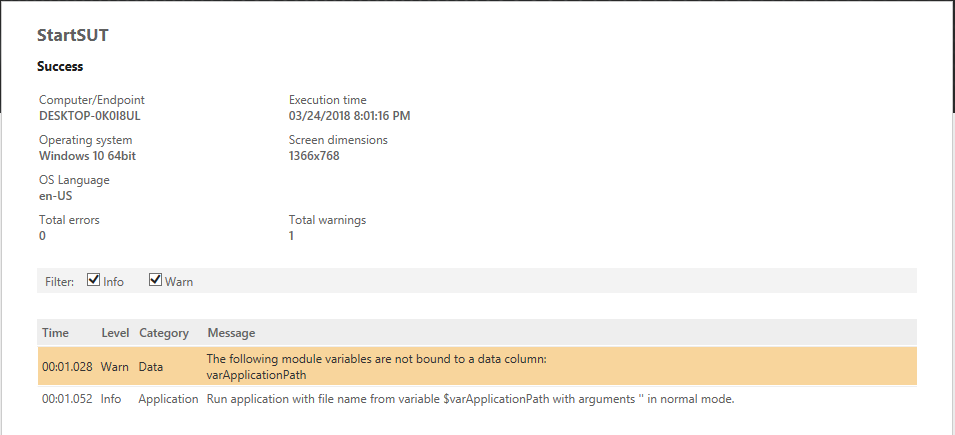
**Image-based Testing**

* Using image to validate icon

1. **Start Application**

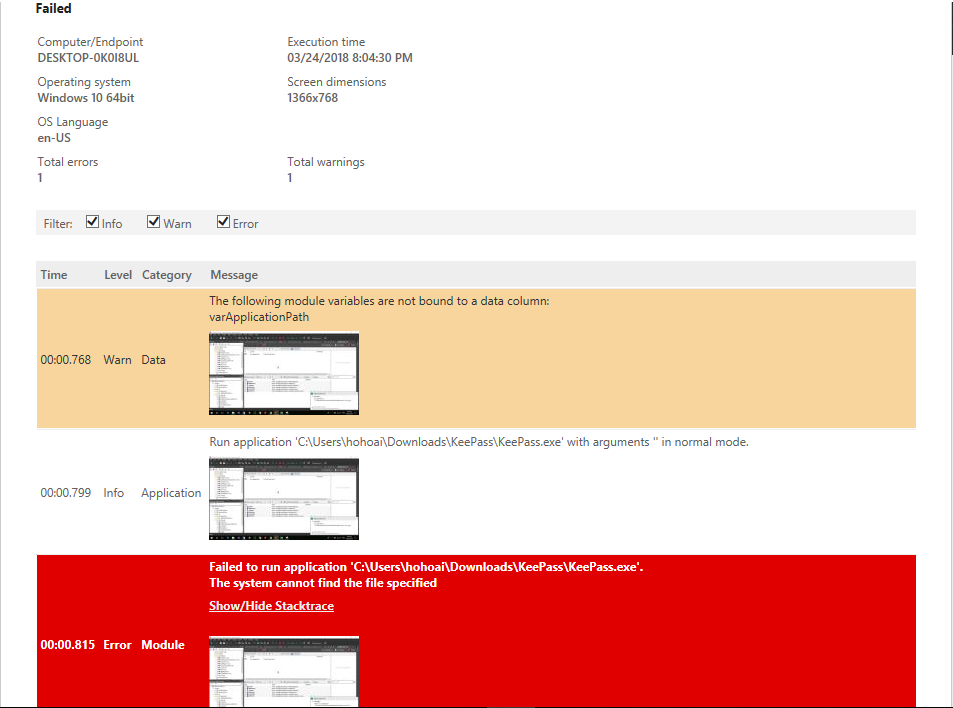
Test case 1: Right application path

Path = “KeePass\\KeePass.exe”



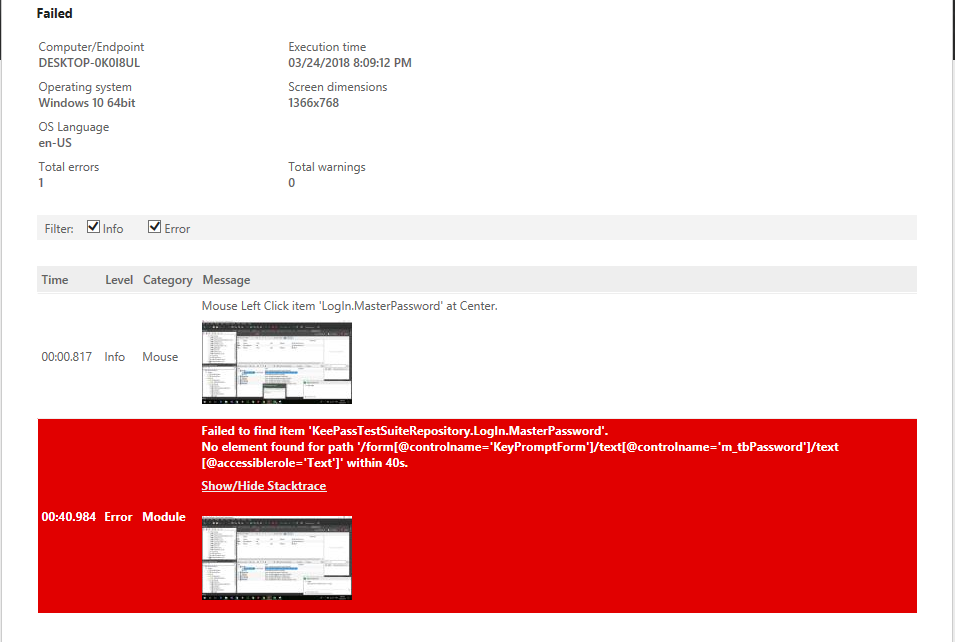
Test case 2: Wrong application path

Path = “KeePass\\”

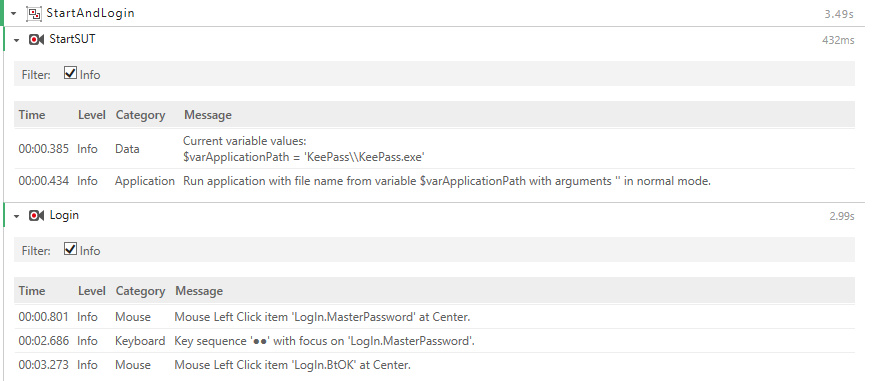


1. **Login**

Test case 1: login before start app



Test case 2: After start app



1. **Add entry by recording**
2. Add entry

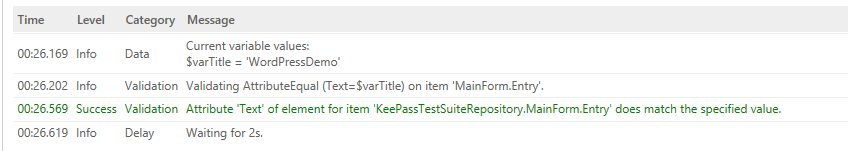
Entry: $varTitle=”WordPressDemo”; $varUsername=”admin”; $varPassword=”demo123”; $varURL=”http://bitly.com/wp\_demo”



1. Validate Entry

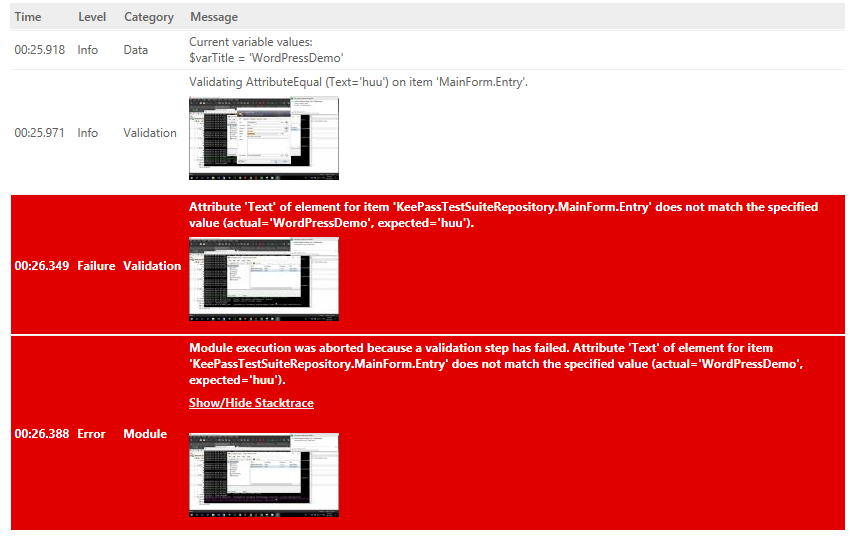
Test case 1: right information

Entry: $varTitle = “WordPressDemo”



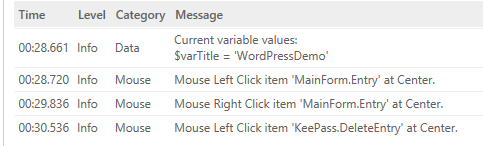
Test case 2: wrong information

Entry: $varTitle = “huu”



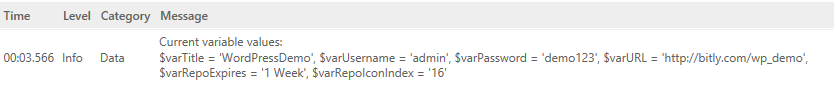
1. Delete entry

Entry: $varTitle = “WordPressDemo”



1. **Add entry by code (Script Testing)**
2. Add entry

Entry: $varTitle=”WordPressDemo”; $varUsername=”admin”; $varPassword=”demo123”; $varURL=”http://bitly.com/wp\_demo”; $varRepoExpires=”1 Week”; $varRepoIconIndex=”16”

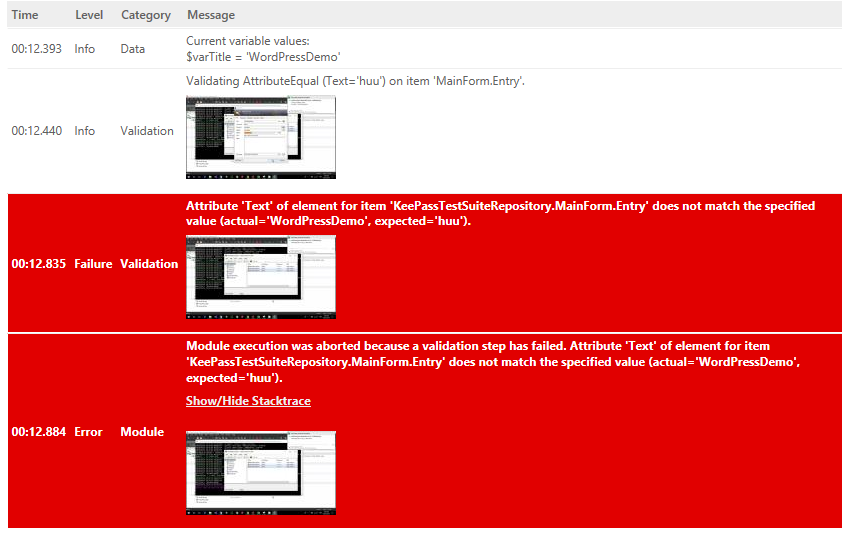


1. Valid entry

Test case 1: wrong data to register;

Current value: $varTitle = “WordPressDemo”

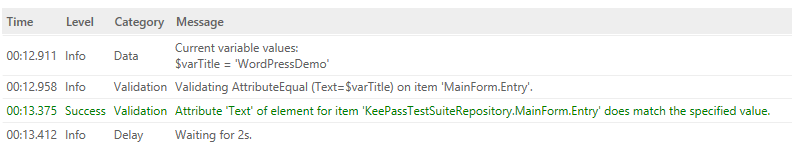
Entry: Text = “huu”



Test case 2: right data to register

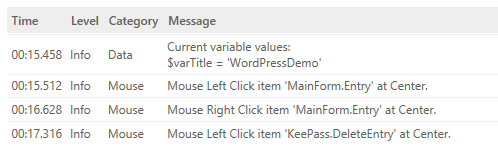
Current value: $varTitle = “WordPressDemo”

Entry: Text = $varTitle



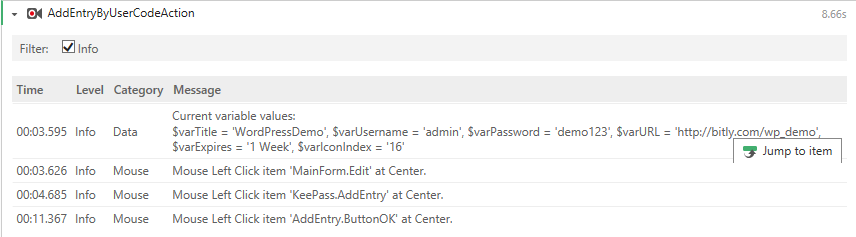
1. Delete entry

Current value: $varTitle = “WordPressDemo”



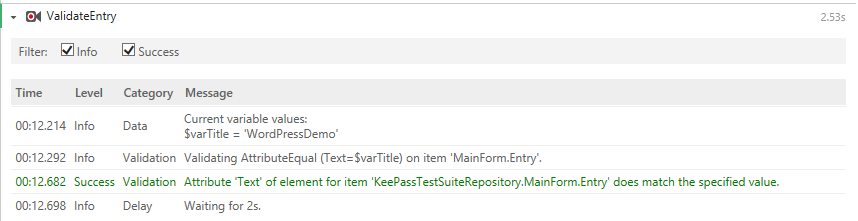
1. **Add entry by argument**
2. Add entry

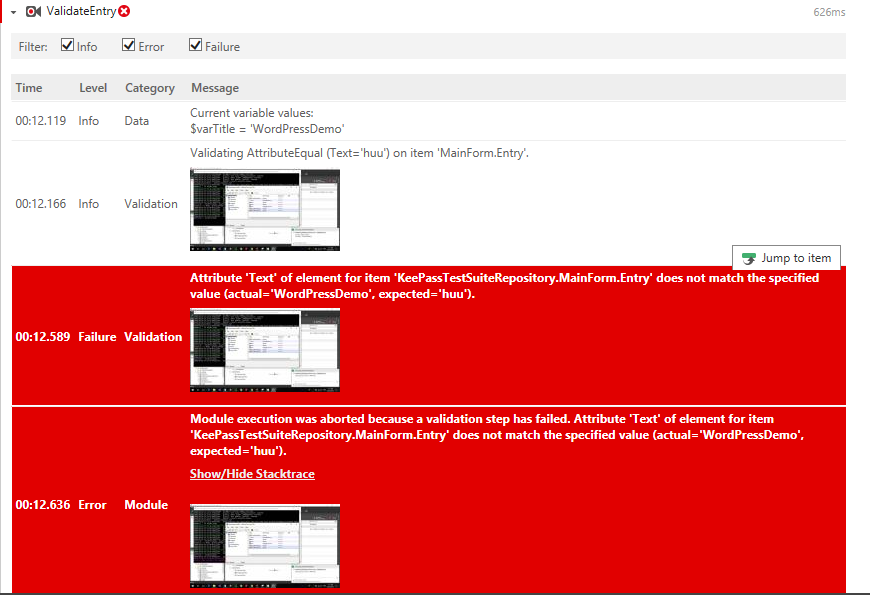
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Input** | **No** | **Test cases** | **Results** | **Expected Results** | **Status** |
| Title | 1 | Entry: $varTitle | $varTitle | $varTitle = “WordPressDemo” | Pass |



1. Validate entry

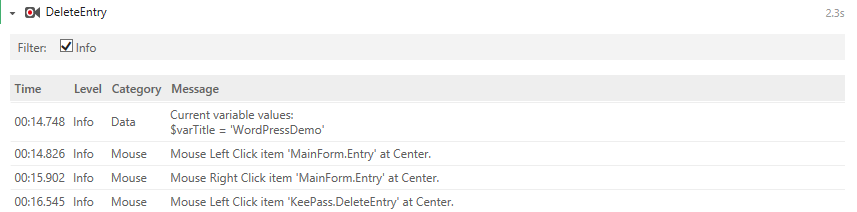
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Input** | **No** | **Test cases** | **Results** | **Expected Results** | **Status** |
| Title | 1 | Entry: $varTitle | $varTitle | $varTitle = “WordPressDemo” | Pass |
| 2 | Entry: Text = “huu” | Text =”huu” | $varTitle = “WordPressDemo” | Fail |



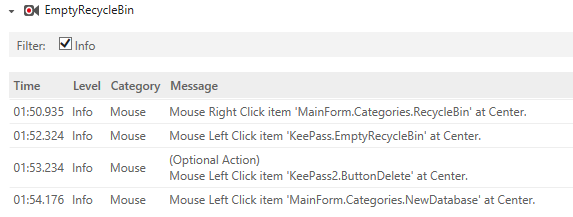


1. Delete entry

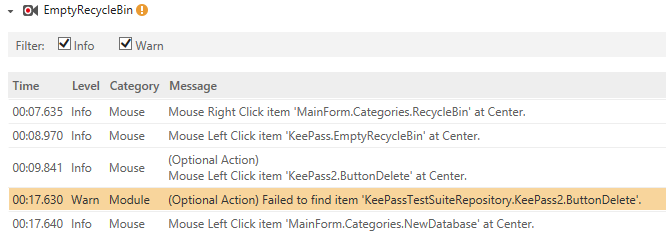
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Input** | **No** | **Test cases** | **Results** | **Expected Results** | **Status** |
| Title | 1 | Entry: $varTitle | $varTitle | $varTitle = “WordPressDemo” | Pass |



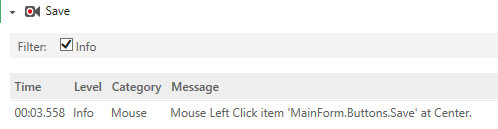
1. **Empty the Recycle bin**
2. Trash are in bin



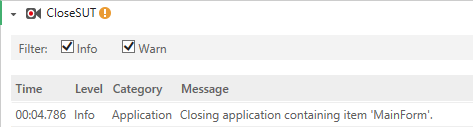
1. Trash are not in bin



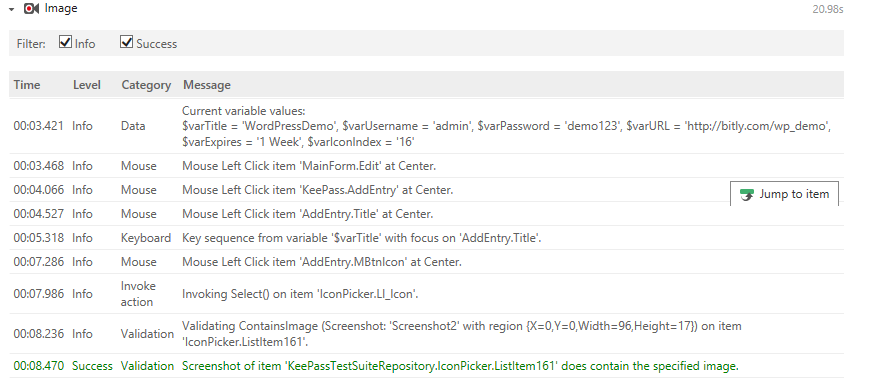
1. **Save the changes**



1. **Close SUT**



1. **Image-based Testing**
2. Right entry data (entry: icon = “16”)



1. Wrong entry data (entry: icon = “18”)

