

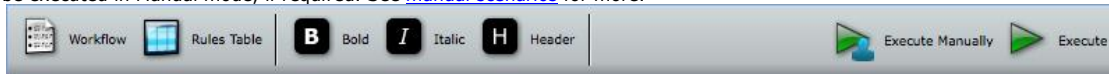
## Twist Release Notes – 1.1 General Availability

### New features and enhancements

#### Manual Scenarios Support

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Twist now supports Manual Scenarios. It is now possible to mark a Scenario as **automated** or **manual**. Automated scenarios may also be executed in Manual mode, if required. See [manual scenarios](#) for more.



#### Enhancements to the Recorder

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The Twist Selenium recorder has been improved to record assertions for selected text, url and page titles. It is also possible to assert if elements are visible, present or editable. See [Recording Assertions](#) for more.

#### Support for Firefox 3.5 version

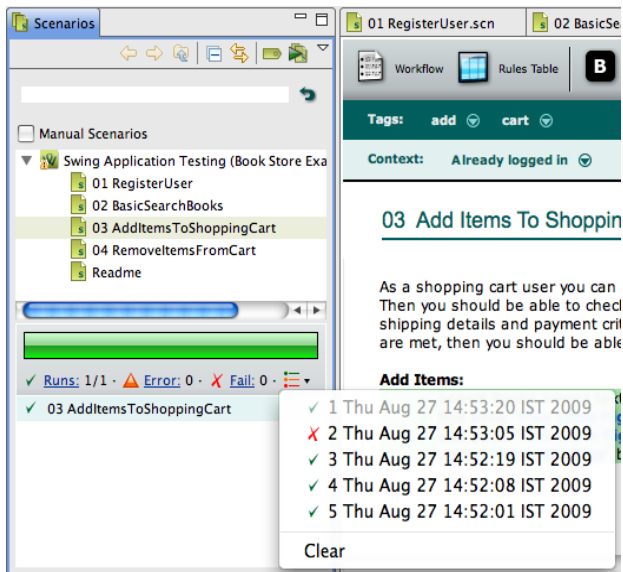
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Twist Selenium has been enhanced to work with Firefox 3.5.

#### Execution History

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The **Execution View** now stores the results of previous 10 executions.



#### Enhancements to the HTML report

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The HTML report has been enhanced for better overall user experience. The scenario list is now filtered and grouped by execution status. The report allows for viewing individual scenarios. The scenarios are displayed similar to the inline reporting in Twist.

### Summary

Total scenarios in the project : 5

Scenarios Executed	Errors	Failures	Success Rate	Time (ms)
5	0	1	80%	19347

Note: *failures* are anticipated and checked with assertions while *errors* are unanticipated.

### All Scenarios

- [01 RegisterUser.scn](#)
- [02 BasicSearchBooks.scn](#)
- [03 AddItemsToShoppingCart.scn](#)
- [04 RemoveItemsFromCart.scn](#)
- [Readme.scn](#)

### 02 BasicSearchBooks

Tags: • search

Context: • Already logged in

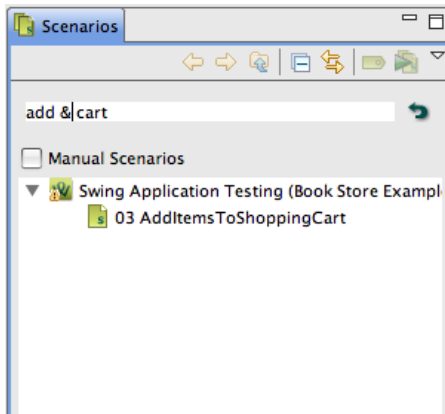
As a shopping cart user, i should be able to search books by name, type, author of the book.

#### Add Items:

- search books having text "Agatha Christie"
- find book "Five Little Pigs"
- search books having text "science"
- find book "On The Origin Of Species"

### Logical Expression Support for Tags

Twist now supports filtering scenarios using expressions in the Scenario View (and command line execution). Valid expressions are '&', '|', and '!' for **and**, **or** and **not** respectively. Parenthesis '(' and ')' may be used to specify precedence.

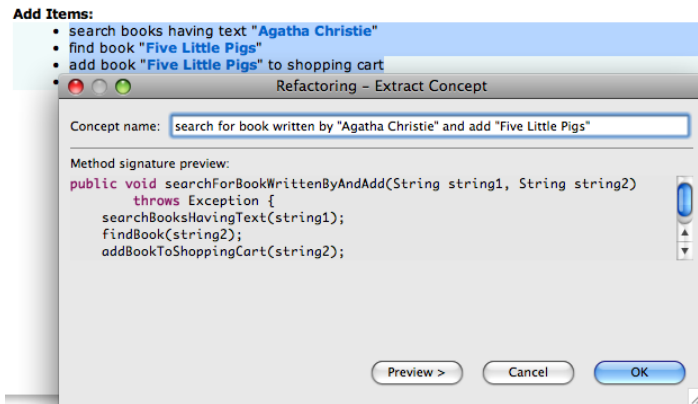


### Upgraded to Eclipse 3.5 platform

Twist has been upgraded to work with Eclipse Galileo (v3.5).

### Extract Concept has been parameterized

The Extract Concept refactoring now provides support for adding parameters.



### Execution Status in Command Line

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Command line execution of scenarios from Ant, Maven and Rake now supports verbose logging of execution status.

### Setup/Teardown for Business Rules Table

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Business Rules Table now supports *setup/teardown* which will be invoked for every row in a table.

```
1. public class Login {
2.     private String username;
3.     private String password;
4.
5.     public void setUp() {
6.         // navigate to the login page
7.     }
8.
9.     public void tearDown() {
10.        // logout of the system
11.    }
12.    public void setUsername(String username) {
13.        this.username = username;
14.    }
15.
16.    public void setPassword(String password) {
17.        this.password = password;
18.    }
19.
20.    public boolean valid() {
21.        // check if the user and pass is valid.
22.    }
}
```

### Introduce Parameter Refactoring from Java

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*Extract Parameter Refactoring* on a Java Method now introduces the parameter in the workflow step.

### Issues fixed in 1.1

- When rephrasing a workflow step, having the character “\” inside parameter no longer results in an error.
- Scenarios (except Manual Scenarios) can now be executed using Ctrl F11.
- Various issues related to table width and resizing in Scenario editor are fixed.
- Explicit waits using (Thread.sleep) are no longer required when new windows are opened in Swing based applications.
- HTML report now shows all exceptions when more than one row fails in a Scenario

- In Mac, after installation, the Twist executable was named Eclipse.app. It is now named as Twist.app
- Fixed issues with “\_” character in Table column names.

## **Known issues with 1.1**

### Scenario Editor

- The problem markers and any opened editors may not refresh when the project is updated from SVN repository using Subclipse. The project should be closed and re-opened to update problem markers.
- Undoing paste of a workflow step does not remove any Fixtures that may have been imported. Undo once again to remove imported Fixtures.
- Hexa decimal values are not accepted in workflow step parameters where the type in implemented code is Integer.

### Selenium/Recorder

- If any invalid selenium configurations are present in the twist.properties file then execution/recording may not work as expected.
- For Firefox 3.5, the url specified during start of recording does not get recorded correctly. The URL has to be modified manually in the underlying code.
- Recorder has been observed to occasionally use XPath based locators even if Ids are present.
- Recording of “rightClick” is currently not supported.