



Gwen Report Portal User Guide

Settings

Define the following properties in your [Gwen settings file](#) (see also: [report portal settings](#)).

```

# REQUIRED (minimum required standard report portal settings)
rp.endpoint = http://[host]:[port]
rp.uuid = [report-portal-api-key]
rp.launch = [launch-name]
rp.project = [project-name]

# OPTIONAL (other standard report portal settings)
rp.rerun = false
rp.rerun.of = [launch-id]
rp.enable = true
rp.description = My RP launch
rp.attributes = key:value; value;
rp.reporting.async = true
rp.convertimage = false
rp.mode = DEFAULT
rp.skipped.issue = false
rp.batch.size.logs = 10
rp.keystore.resource = [JKS-file-path]
rp.keystore.password = [JKS-password]

# OPTIONAL (Gwen specific report portal settings)

# Send meta reports? true | false (default is false)
gwen.rp.send.meta = false

# Send step defs? inlined | nested | none (default is none)
gwen.rp.send.stepDefs = none

# Send failed step defs? inlined | nested | none (default is inlined)
# Honoured only if gwen.rp.stepDefs = none
gwen.rp.send.failed.stepDefs = inlined

# Log error trace on failed steps? attached | inlined | none (default is none)
gwen.rp.send.failed.errorTrace = none

# Log environment trace of failed steps? attached | inlined | none (default is none)
gwen.rp.send.failed.envTrace = none

# Log hierarchy in failed steps? attached | inlined | none (default is inlined)
gwen.rp.send.failed.hierarchy = inlined

# Send breadcrumb attributes? true | false (default is false)
gwen.rp.send.breadcrumbs = false

# Send error blocks to description of failed steps? all | leaf | none (default is none)
gwen.rp.send.failed.errorBlocks = none

# Send tags to report portal? true | false (default is true)
gwen.rp.send.tags = true

# Send annotations to report portal? true | false (default is false)
gwen.rp.send.annotations = false

# Surround all markdown content with triple back ticks to force block style render
# true | false (default is true)
gwen.rp.send.markdownBlocks = true

# Monitor report portal connection and fail fast when offline? true | false (default is true)
# When enabled, connection is checked before the first step in each scenario is executed
gwen.rp.heartbeat = true
gwen.rp.heartbeat.timeoutSecs = 3

# Test case ID generation? nodePath+params | sourceRef+params | nodePath | sourceRef | auto
# (default is nodePath+params)
gwen.rp.testCaseId.keys = nodePath+params

# Send debug logs (node paths & params) to report portal? true | false (default is false)
gwen.rp.debug = false

```

Launch

To send Gwen results to report portal

Ensure that you have the settings configured, and add the `-f rp` option to your Gwen invocation to send results to report portal.

```
./gwen -b -f rp features/todo
```

To generate both HTML reports and send results to report portal

Add the `-r target/reports -f html,rp` option to your Gwen invocation to generate the standard [Gwen HTML report](#) and send results to report portal also (the `-r` option specifies the local directory to write the HTML report to and is required by that option).

```
./gwen -b -r target/reports -f rp,html features/todo
```

Rerun/Merge Capability

Gwen generates a hidden `target/.rp-rerun.properties` file in the directory where Gwen is invoked with the `-f rp` report portal option. This file records the last report portal launch ID and is implicitly loaded on subsequent Gwen invocations if `rp.rerun=true` is provided to facilitate a rerun/merge of the current execution results into the previous launch results in report portal.

```
# -----
# Report Portal Rerun File (generated by Gwen)
# -----
# ID of last report portal launch. This property is implicitly loaded when
# Gwen is launched with the rp.rerun=true property to facilitate rerun/merge
# of the current execution results into the previous launch in report portal.
rp.rerun.of = <report-portal-launch-ID>
```

By default, every invocation of Gwen with the `-f rp` report portal option will send results to a new launch in report portal unless the `rp.rerun=true` option is specified. In the latter case Gwen will report results to the launch in report portal identified by the `rp.rerun.of` property in the rerun file saved by the previous launch.

Merging into the Previous Launch

Example of merging the results of 3 consecutive Gwen invocations into a single launch in report portal:

Invocation 1:

- Gwen is invoked to run features 1 to 8 in parallel (with no rerun options)
 - The results of features 1 to feature 8 are reported in a new launch in report portal
 - Gwen saves the report portal launch ID to the rerun file

Invocation 2:

- Gwen is invoked a second time to run features 9 to 15 in sequence with `-Drp.rerun=true` command line option
 - Gwen loads the `rp.rerun.of` property from the rerun file created by previous invocation 1
 - The results of feature 9 to feature 15 are merged into the previous launch in report portal
 - Gwen saves the report portal launch ID to the rerun file

Invocation 3:

- Gwen is invoked a third time to run features 15 to 20 in parallel with `-Drp.rerun=true` command line option
 - Gwen loads the `rp.rerun.of` property from the rerun file created by previous invocation 2
 - The results of feature 15 to feature 20 are merged into the same previous launch in report portal
 - Gwen saves the report portal launch ID to the rerun file

Merging will cease and a new launch will be created in report portal on the next Gwen invocation that does not specify the `-Drp.rerun=true` command line option (or that explicitly specifies `-Drp.rerun=false` instead).

Merging/Rerunning into an Arbitrary Launch

To rerun or merge the results to a specific Launch in report portal, just specify both the `-Drp.rerun=true` and `-Drp.rerun.of=<launchID>` options in your call to Gwen. Alternatively, you can store these in a properties file loaded into Gwen (without the `-D` prefix which is only required on the command line).

Gwen also logs the launch ID to the launch level log of every launch in report portal. You can retrieve the launch ID of any launch from those logs in report portal and assign them to the `-Drp.rerun.of` property to target that launch. Gwen Specific Report Portal Settings

Attaching Files

Arbitrary files can be attached to both HTML and report portal reports via the following DSL step:

I attach "<filepath>" as "<name>"

Where:

- `<filepath>` = path to file to upload to report portal (absolute or relative to Gwen launch directory)
- `<name>` = the name to associate to the file

You can use this step anywhere in any meta or feature file and can call it multiple times with different parameters to attach multiple files.

Appendix A: Gwen Report Portal Settings

Send Meta

gwen.rp.send.meta

- true - Sends meta load results in addition to feature execution results
- false (**default**) - Sends feature execution results only

gwen.rp.send.meta = **true**

All > Gwen #18 > features/todo/AddItems.feature

PARENT: 15s Passed 100.00% Total: 47

REFINE: Suite name

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
Meta: TodoMVC meta	11 days ago	31	31						
Feature: Add Todo items	11 days ago	16	16						

1 - 2 of 2 50 per page

Meta and Feature reported

gwen.rp.send.meta = **false**

All > Gwen #19

PARENT: 30s Passed 100.00% Total: 16

REFINE: Suite name

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
features/todo/AddItems.feature	11 days ago	16	16						

1 - 1 of 1 50 per page

Feature reported only (meta not reported)

Send StepDefs

gwen.rp.send.stepDefs

- **inlined** - Sends step definitions as inlined steps
- **nested** - Sends step definitions as nested steps
- **none** - (**default**) Does not send step definitions

gwen.rp.send.stepDefs = **inlined**

All > Gwen #17 > features/todo/AddItems.feature > Feature: Add Todo items > Scenario: Add items in my Todo list > When I add a "Walk the dog" item

LAUNCH #17

StepDef inlined

Copy defect Post issue Link issue

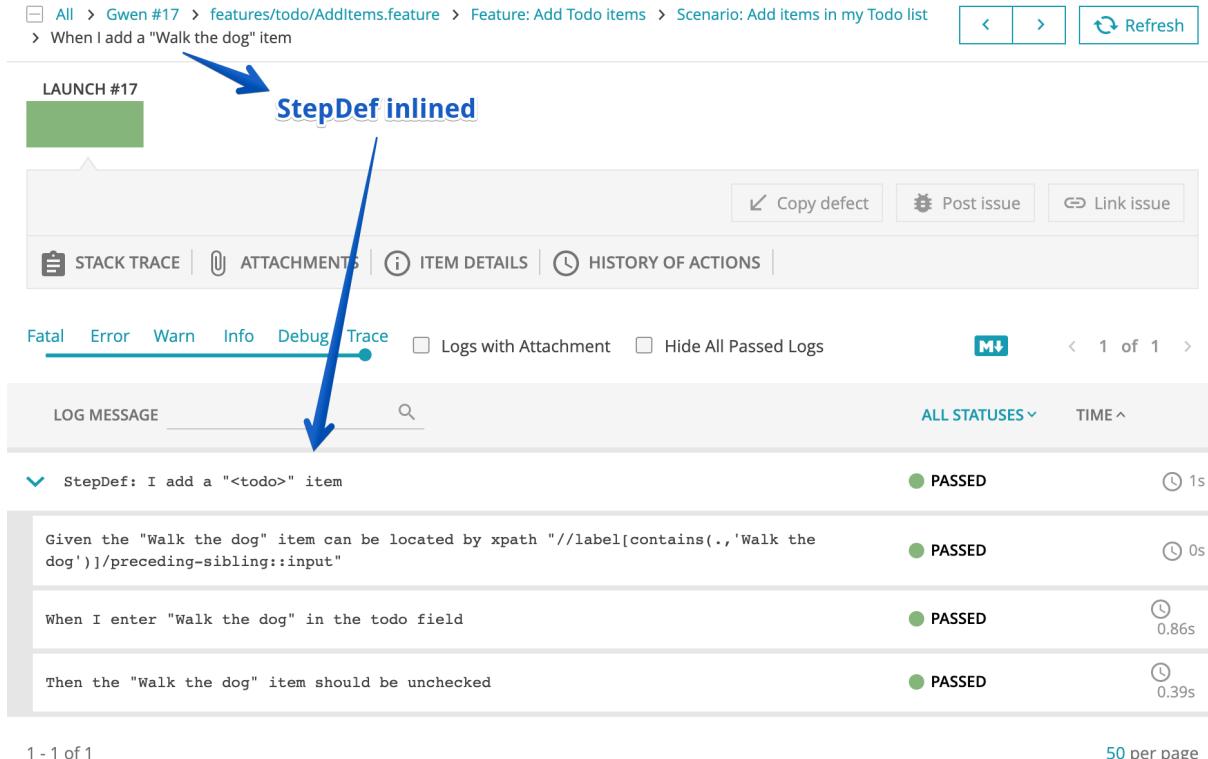
STACK TRACE ATTACHMENTS ITEM DETAILS HISTORY OF ACTIONS

Fatal Error Warn Info Debug Trace Logs with Attachment Hide All Passed Logs

LOG MESSAGE ALL STATUS TIME

▼ StepDef: I add a "<todo>" item PASSED 1s
Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input" PASSED 0s
When I enter "Walk the dog" in the todo field PASSED 0.86s
Then the "Walk the dog" item should be unchecked PASSED 0.39s

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A screenshot of a test execution interface. At the top, there's a breadcrumb navigation: All > Gwen #17 > features/todo/AddItems.feature > Feature: Add Todo items > Scenario: Add items in my Todo list > When I add a "Walk the dog" item. Below this is a green bar labeled 'LAUNCH #17'. A blue arrow points from the text 'StepDef inlined' to the word 'inlined' in the launch bar. The main area shows a table of log messages. The first message is expanded, showing its details: StepDef: I add a "<todo>" item, status PASSED, duration 1s. Below it are three more messages, all also PASSED. At the bottom left, it says '1 - 1 of 1', and at the bottom right, '50 per page'. The interface has tabs for Fatal, Error, Warn, Info, Debug, and Trace, with Trace being the active tab.

gwen.rp.send.stepDefs = **nested**

All > Gwen #18 > features/todo/AddItems.feature > Feature: Add Todo items > Scenario: Add items in my Todo list > When I add a "Walk the dog" item

PARENT: 1s Passed 100.00% Total: 3 PB 0 AB 0 SI 0 ND 0 TI 0

REFINE: Suite name

cnt Enter name More

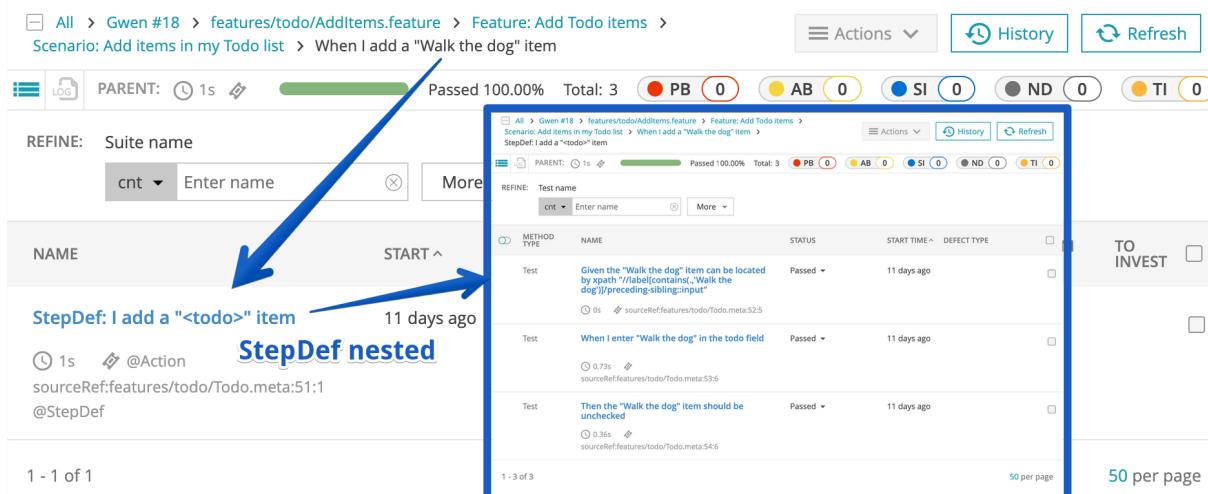
NAME START ^

StepDef: I add a "<todo>" item 11 days ago

StepDef nested

1s @Action sourceRef:features/todo/Todo.meta:51:1 @StepDef

1 - 1 of 1 50 per page

A screenshot of a test execution interface, similar to the one above but with a different result. It shows a summary bar at the top with 'PARENT: 1s' and 'Passed 100.00% Total: 3'. Below it is a 'REFINE' section with a 'Suite name' input field. A blue arrow points from the text 'StepDef nested' to the 'Suite name' input field. The main area shows a table of test results. There are three rows, each labeled 'Test': 1. Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input", status Passed, duration 0s. 2. When I enter "Walk the dog" in the todo field, status Passed, duration 0.73s. 3. Then the "Walk the dog" item should be unchecked, status Passed, duration 0.36s. At the bottom left, it says '1 - 1 of 1', and at the bottom right, '50 per page'. The interface has tabs for LOG, PARENT, and TEST, with TEST being the active tab.

```
gwen.rp.send.stepDefs = none
```

The screenshot shows the Gwen interface for managing step definitions. A modal window is open, highlighting a specific step definition:

Given I launch the Todo app

This step is annotated with blue text:
**StepDef not inlined or nested
- Step goes straight to stats**

A blue arrow points from the text annotation to the step definition in the modal.

Below the modal, the main Gwen interface shows other step definitions:

When I add a "Walk the dog" item

Details for this step:
9s | Passed | 11 days ago | sourceRef:features/todo/AddItems.feature:21:8

Send Failed StepDefs

gwen.rp.send.failed.stepDefs

- Honoured only when gwen.rp.send.stepDefs = none

- inlined - (**default**) Sends failed step definitions as inlined steps
- nested - Sends failed step definitions as nested steps
- none - Does not send failed step definitions

```
gwen.rp.send.stepDefs = none
gwen.rp.send.failed.stepDefs = inlined
```

The screenshot shows a test execution interface with a timeline at the top and a log message table below. A blue arrow points from the text "Failed StepDef inlined" to the timeline, and another blue arrow points from the text "Successful steps not inlined or nested and go straight to stats" to the log message table.

Failed StepDef inlined

Successful steps not inlined or nested and go straight to stats

LOG MESSAGE	ALL STATUSES	TIME
StepDef: I add a "<todo>" item	FAILED	3 1s
Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input"	PASSED	0.01s
When I enter "Walk the dog" in the todo field	PASSED	0.84s
Then the "Walk the dog" item should be checked	FAILED	3 0.33s
assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked		2021-02-25 10:09:44
Hierarchy: I add a "Walk the dog" item the "Walk the dog" item should be checked		
Error details (attachment)	TXT	2021-02-25 10:09:44
Environment (attachment)	TXT	2021-02-25 10:09:44

```

gwen.rp.send.stepDefs = none
gwen.rp.send.failed.stepDefs = nested

```

All > Gwen #22 > features/todo/AddItems.feature > Feature: Add Todo items >

Scenario: Add items in my Todo list

PARENT: 13s Passed 75.00% Total:

REFINE: Test name

METHOD TYPE NAME STATUS START TIME DEFECT TYPE

Test Given I launch the Todo app Passed 11 days ago

Test When I add a "Walk the dog" item Passed 11 days ago

Test Then the "Walk the dog" item should be checked Failed 11 days ago To Investigate

Test And I add a "Get the milk" item Passed 11 days ago

Test Then the number of active items should be "2" Passed 11 days ago

1 - 4 of 4

Failed StepDef nested

```

gwen.rp.send.stepDefs = none
gwen.rp.send.failed.stepDefs = none

```

All > Gwen #23 > features/todo/AddItems.feature > Feature: Add Todo items >

Scenario: Add items in my Todo list

PARENT: 14s Passed 50.00% Total:

REFINE: Test name

METHOD TYPE NAME STATUS START TIME DEFECT TYPE

Test Given I launch the Todo app Passed 11 days ago

Test When I add a "Walk the dog" item Passed 11 days ago

Test And I add a "Get the milk" item Passed 11 days ago

Test Then the number of active items should be "2" Passed 11 days ago

1 - 4 of 4

Failed StepDef not inlined or nested and goes straight to stats

Log Error Trace

gwen.rp.send.failed.errorTrace

- **attached** - Attaches error trace files to logged error messages
- **inlined** - Appends error traces to logged error messages
- **none** - (**default**) Does not log error traces

gwen.rp.send.failed.errorTrace = **attached**

The screenshot shows the Gherkin step trace interface for a failed step. The step details are as follows:

- Step ID: #23
- Step Name: When I add a "Walk the dog" item
- Status: Failed
- Message: assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked
- Timestamp: 2021-02-25 11:12:11

A blue arrow points from the "Error trace attached as file and opens in new tab or window" annotation to a modal window titled "Error trace attached as file and opens in new tab or window". This modal contains the full stack trace of the failed step, which is identical to the one shown in the main step trace.

gwen.rp.send.failed.errorTrace = **inlined**

The screenshot shows the Gherkin step trace interface for a failed step. The step details are as follows:

- Step ID: #26
- Step Name: When I add a "Walk the dog" item
- Status: Failed
- Message: assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked
- Timestamp: 2021-02-25 11:49:17

A blue arrow points from the "Error trace appended to error message inline" annotation to the error message section of the step trace. The stack trace is visible at the bottom of the error message, indicating the failure occurred at the assertion step.

gwen.rp.send.failed.errorTrace = **none**

All > Gwen #27 > features/todo/AddItems.feature > Feature: Add Todo items > Scenario: Add items in my Todo list > When I add a "Walk the dog" item < > Refresh

To Investigate Copy defect from #26 Post issue Link issue

STACK TRACE | ATTACHMENTS | ITEM DETAILS | HISTORY OF ACTIONS |

Fatal Error Warn Info Debug Trace Logs with Attachment

LOG MESSAGE TIME ^

assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked 2021-02-25 11:54:15

No inlined error trace or attachment

Environment (attachment) 2021-02-25 11:54:15

TXT

1 - 2 of 2 50 per page

Log Environment Trace

gwen.rp.send.failed.envTrace

- attached - Attaches env trace files to error logs
- inlined - Appends env error traces to logged error messages
- none - (default) Does not log env traces

gwen.rp.send.failed.envTrace = **attached**

The screenshot shows the Gwen test runner interface. A modal window displays an environment trace as a text file. The modal has a title bar with 'LAUNCH #28' and a close button. Inside, there's a code block representing the environment trace, followed by an assertion failure message: 'assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked'. Below the modal, the main test runner interface shows a navigation bar with steps #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, and 'LAUNCH #29'. A 'To Investigate' button is visible. The bottom section shows tabs for 'STACK TRACE', 'ATTACHMENTS', and 'ITEM DETAILS'. A 'LOG MESSAGE' section contains the assertion failure. A blue arrow points from the text 'Environment trace attached as file and opens in new tab or window' to the modal.

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50 per page

gwen.rp.send.failed.envTrace = **inlined**

The screenshot shows the Gwen test runner interface. A modal window displays an environment trace as a text file. The modal has a title bar with 'LAUNCH #29' and a close button. Inside, there's a code block representing the environment trace, followed by an assertion failure message: 'assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked'. Below the modal, the main test runner interface shows a navigation bar with steps #20, #21, #22, #23, #24, #25, #26, #27, #28, and 'LAUNCH #29'. A 'To Investigate' button is visible. The bottom section shows tabs for 'STACK TRACE', 'ATTACHMENTS', 'ITEM DETAILS', and 'HISTORY OF ACTIONS'. A 'LOG MESSAGE' section contains the assertion failure. A blue arrow points from the text 'Environment trace appended to error message inline' to the environment trace code block.

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gwen.rp.send.failed.envTrace = **none**

All > Gwen #30 > features/todo/AddItems.feature > Feature: Add Todo items > Scenario: Add items in my Todo list > When I add a "Walk the dog" item

< > Refresh

#21 #22 #23 #24 #25 #26 #27 #28 #29 LAUNCH #30

TI (⌚ +4%) TI (⌚ +24%) TI (⌚ +9%) TI (⌚ +4%) TI (⌚ +73%) TI

To Investigate Copy defect from #29 Post issue Link issue

STACK TRACE ATTACHMENTS ITEM DETAILS HISTORY OF ACTIONS

Fatal Error Warn Info Debug Trace Logs with Attachment

LOG MESSAGE TIME ^

assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked 2021-02-25 12:14:53

No inlined environment trace or attachment

1 - 1 of 1 50 per page

Log Failed Step Hierarchy

gwen.rp.send.failed.hierarchy

- attached - Attaches call hierarchy files to error logs
- inlined - (**default**) Appends call hierarchies to logged error messages
- none - Does not log call hierarchies

gwen.rp.send.failed.hierarchy = **attached**

The screenshot shows the 'Hierarchy' section of a Gherkin step details page. The 'Hierarchy' section displays the call stack for the failed step, including steps like 'I load items from CSV files', 'I add a pending "Walk the dog" item', and 'I add a "Walk the dog" item'. A blue arrow points from the text 'Call hierarchy attached as file and opens in new tab or window' to the 'Hierarchy' section.

assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked

Hierarchy:

I load items from CSV files
I add a pending "Walk the dog" item
I add a "Walk the dog" item
the "Walk the dog" item should be checked

To Investigate

STACK TRACE | ATTACHMENTS | ITEM DETAILS | HISTORY

Fatal Error Warn Info Debug Trace Logs with Attachment

LOG MESSAGE

2021-02-25 12:26:40

Hierarchy (attachment)

Call hierarchy attached as file and opens in new tab or window

2021-02-25 12:26:40

1 - 2 of 2 50 per page

gwen.rp.send.failed.hierarchy = **inlined**

All > Gwen #34 > features/todo/LoadItemsFromCSVs.feature (Feature: Load Todo items from CSV files) >
Scenario: Launch the Todo application > When I load items from CSV files > StepDef: I load items from CSV files >
Examples: Data file: features-data/TodoItems1.csv >
Scenario: I load items from CSV files -- Example 1.1 Data file: features-data/TodoItems1.csv >
When I add a pending "Walk the dog" item > StepDef: I add a pending "<todo>" item > When I add a "Walk the dog" item >
StepDef: I add a "<todo>" item) > Then the "Walk the dog" item should be checked

#19 #19 #21 #21 #22 #22 #33 #33 #33 LAUNCH #34

(+13%) (+1%) (TI) (+1%) (TI) (TI) (+1%) (TI) (TI)

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STACK TRACE ATTACHMENTS ITEM DETAILS HISTORY OF ACTIONS

Fatal Error Warn Info Debug Trace Logs with Attachment 1 of 1

LOG MESSAGE TIME ^
assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked 2021-02-25 12:33:21
Hierarchy:
I load items from CSV files
I add a pending "Walk the dog" item
I add a "Walk the dog" item
the "Walk the dog" item should be checked

Call hierarchy appended to error message inline

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gwen.rp.send.failed.hierarchy = **none**

All > Gwen #35 > features/todo/LoadItemsFromCSVs.feature > Feature: Load Todo items from CSV files >
Scenario: Launch the Todo application > When I load items from CSV files > StepDef: I load items from CSV files >
Examples: Data file: features-data/TodoItems1.csv >
Scenario: I load items from CSV files -- Example 1.1 Data file: features-data/TodoItems1.csv > When I add a pending "Walk the dog" item >
StepDef: I add a pending "<todo>" item > When I add a "Walk the dog" item > StepDef: I add a "<todo>" item >
Then the "Walk the dog" item should be checked

#21 #22 #22 #33 #33 #33 #34 #34 #34 LAUNCH #35

(+1%) (TI) (+1%) (TI) (TI) (+1%) (TI) (TI) (TI)

To Investigate Copy defect from #34 Post issue Link issue

STACK TRACE ATTACHMENTS ITEM DETAILS HISTORY OF ACTIONS

Fatal Error Warn Info Debug Trace Logs with Attachment 1 of 1

LOG MESSAGE TIME ^
assertion failed: the "Walk the dog" item [locator: xpath=/label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked 2021-02-25 12:37:48
No call hierarchy attached or inlined

1 - 1 of 1 50 per page

Send Breadcrumbs

`gwen.rp.send.breadcrumbs`

- true - Sends feature, scenario, and step attributes
 - false - (**default**) Does not send feature, scenario, or step attributes

```
gwen.rp.send.breadcrumbs = true
```

```
gwen.rp.send.breadcrumbs = false
```

Send Error Blocks

gwen.rp.send.failed.errorBlocks

- all - Appends error block to the description of all failed steps
- leaf - Appends error block to the description of failed leaf steps only
- none - **(default)** Does not append error blocks to any step descriptions

gwen.rp.send.failed.errorBlocks = **all**

All > Gwen #37 > features/todo/LoadItemsFromCSVs.feature > Feature: Load Todo items from CSV files
> Scenario: Launch the Todo application > When I load items from CSV files >
StepDef: I load items from CSV files > Examples: Data file: features-data/TodoItems1.csv >
Scenario: I load items from CSV files -- Example 1.1 Data file: features-data/TodoItems1.csv

Actions History Refresh

PARENT: 2s Passed 66.67% Total: 3 PB 0 AB 0 SI 0 ND 0 TI 1

REFINE: Test name

cnt Enter name More

METHOD TYPE	NAME	STATUS	START TIME ^	DEFECT TYPE	
Test	When I add a pending "Walk the dog" item	Failed ▾	11 days ago		
	⌚ 2s ⚡ sourceRef:features/todo/Todo.meta:75:6				
	assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked				

Error block added to description of all steps in call hierarchy. If there is more than one error, each one is listed.

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gwen.rp.send.failed.errorBlocks = **leaf**

All > Gwen #37 > features/todo/LoadItemsFromCSVs.feature > Feature: Load Todo items from CSV files
> Scenario: Launch the Todo application > When I load items from CSV files >
StepDef: I load items from CSV files > Examples: Data file: features-data/TodoItems1.csv >
Scenario: I load items from CSV files -- Example 1.1 Data file: features-data/TodoItems1.csv >
When I add a pending "Walk the dog" item > StepDef: I add a pending "<todo>" item
When I add a "Walk the dog" item > StepDef: I add a "<todo>" item

Actions History Refresh

PARENT: 2s Passed 66.67% Total: 3 PB 0 AB 0 SI 0 ND 0 TI 1

REFINE: Test name

cnt Enter name More

METHOD TYPE	NAME	STATUS	START TIME ^	DEFECT TYPE	
Test	Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input"	Passed ▾	11 days ago		
	⌚ 0s ⚡ sourceRef:features/todo/Todo.meta:52:5				
Test	When I enter "Walk the dog" in the todo field	Passed ▾	11 days ago		
	⌚ 0.76s ⚡ sourceRef:features/todo/Todo.meta:53:6				
Test	Then the "Walk the dog" item should be checked	Failed ▾	11 days ago	To Investigate	
	⌚ 1s ⚡ sourceRef:features/todo/Todo.meta:54:6				
	assertion failed: the "Walk the dog" item [locator: xpath=//label[contains(.,'Walk the dog')]/preceding-sibling::input] should be checked				

Error block added to description of last step in call hierarchy ONLY

```
gwen.rp.send.failed.errorBlocks = none
```

All > Gwen #39 > features/todo/LoadItemsFromCSVs.feature > Feature: Load Todo items from CSV files

Scenario: Launch the Todo application > When I load items from CSV files >

StepDef: I load items from CSV files > Examples: Data file: features-data/Todoltems1.csv >

Scenario: I load items from CSV files -- Example 1.1 Data file: features-data/Todoltems1.csv >

When I add a pending "Walk the dog" item > StepDef: I add a pending "<todo>" item >

When I add a "Walk the dog" item > StepDef: I add a "<todo>" item

PARENT: 2s Passed 66.67% Total: 3 PB 0 AB 0 SI 0 ND 0 TI 1

REFINE: Test name

cnt Enter name More

METHOD TYPE	NAME	STATUS	START TIME ^	DEFECT TYPE	⋮
Test	Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input"	Passed ▾	11 days ago		⋮
	(⌚ 0.01s) ⚡ sourceRef:features/todo/Todo.meta:52:5				
Test	When I enter "Walk the dog" in the todo field	Passed ▾	11 days ago		⋮
	(⌚ 0.79s) ⚡ sourceRef:features/todo/Todo.meta:53:6				
Test	Then the "Walk the dog" item should be checked	Failed ▾	11 days ago	To Investigate	⋮
	(⌚ 1s) ⚡ sourceRef:features/todo/Todo.meta:54:6	No error block added to any steps			

1 - 3 of 3

50 per page

Send Tags

gwen.rp.send.tags

- true - (**default**) Sends tags in features (or meta) to report portal as attributes
- false - Does not send any tags in features (or meta) to report portal

Send Annotations

gwen.rp.send.annotations

- true - Sends annotations in features (or meta) to report portal as attributes
- false - (**default**) Does not send any annotations in features (or meta) to report portal

Tags are arbitrary labels on a feature or scenario, e.g: @Todo, @Wip, @UAT)

Annotations are reserved Gwen tags that control runtime aspects, e.g: @Ignore, @Import("file.meta")

gwen.rp.send.tags = **markers**

All > Gwen #217 > features/todo/AddItems.feature

PARENT: 12s Passed 100.00% Total: 4 PB 0 AB 0 SI 0 ND 0 TI 0

REFINE: Suite name

cnt Enter name More

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
Feature: Add Todo items	10 minutes ago	4	4						

12s sourceRef:features/todo/AddItems.feature:1
8:1 @Todo

Feature tag(s) added as attributes

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All > Gwen #217 > features/todo/AddItems.feature > Feature: Add Todo items

PARENT: 12s Passed 100.00% Total: 4 PB 0 AB 0 SI 0 ND 0 TI 0

REFINE: Suite name

cnt Enter name More

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
Scenario: Add items in my Todo list	4 minutes ago	4	4						

12s sourceRef:features/todo/AddItems.feature:2
1:3 @Todo

Scenario level tag(s) added as attribute

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gwen.rp.send.tags = none

All > Gwen #218 > features/todo/AddItems.feature

PARENT: 11s Passed 100.00% Total: 4 PB 0 AB 0 SI 0 ND 0 TI 0

REFINE: Suite name

cnt Enter name More

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
Feature: Add Todo items	23 seconds ago	4	4						
sourceRef:features/todo/AddItems.feature:1 8:1 language:en									

No feature tag(s) added as attributes

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All > Gwen #218 > features/todo/AddItems.feature > Feature: Add Todo items

PARENT: 9s Passed 100.00% Total: 4 PB 0 AB 0 SI 0 ND 0 TI 0

REFINE: Suite name

cnt Enter name More

NAME	START ^	TTL	PS	FL	SKP	PRODUCT BUG	AUTO BUG	SYSTEM ISSUE	TO INVEST
Scenario: Add items in my Todo list	3 minutes ago	4	4						
sourceRef:features/todo/AddItems.feature:2 1:3									

No scenario tag(s) added as attributes

1 - 1 of 1 50 per page

Markdown

gwen.rp.send.markdownBlocks

- true - (**default**) Send all markdown content to report portal in triple back-ticked blocks
- false - Send all content to report portal as is (unmodified for markdown)

gwen.rp.send.markdownBlocks = **true**

The screenshot shows a test run in the Gwen Report Portal. The steps listed are:

- When I add a pending "Walk the dog" item (PASSED)
- StepDef: I add a pending "<todo>" item (PASSED)
- When I add a "Walk the dog" item (PASSED)
- StepDef: I add a "<todo>" item (PASSED)
- Given the "Walk the dog" item can be located by xpath "//label[contains(.,'Walk the dog')]/preceding-sibling::input" (PASSED)
- When I enter "Walk the dog" in the todo field (PASSED)
- Then the "Walk the dog" item should be unchecked (PASSED)
- Scenario: I load items from CSV files -- Example 1.2 Data file: features-data/TodoItems1.csv (PASSED)

When enabled, surrounds all markdown content with triple back ticks to force block style render and preserve original text as much as possible in report portal markdown view.

Heartbeat

gwen.rp.heartbeat

- true - (**default**) Checks report portal connection on each scenario and fails fast if offline
- false - Does not check report portal connection

When enabled, Gwen will send a HTTP GET request to the RP endpoint before executing the first step in each Scenario and fail fast if a non 200 response code is returned. When disabled, no connection checks will be performed and processing will continue regardless of RP connection state.

gwen.rp.heartbeat.timeoutSecs

- number - timeout seconds (default is 3)

Sets the number of seconds to wait for heartbeat to establish a connection. If the connection cannot be established within the set timeout period, then Gwen will fail fast and report the timeout condition.

Test Case ID Keys

gwen.rp.testCaseId.keys

- nodePath+params - **(default)** Generates test case ID based on node path and params
- sourceRef+params - Generates test case ID based on sourceRef and parameters
- nodePath - Generates test case ID based on node path only
- sourceRef - Generates test case ID based on source reference only
- auto - Uses the auto generation mechanism of client-java RP library (codeRef + params)

Test case IDs are used by report portal to identify nodes and associate timelines and history. Each node in RP should have a unique ID to ensure its history is not shared with other nodes.

Send Debug Logs

gwen.rp.debug

- true - Sends node paths and parameters to report portal debug log for all nodes
- false - **(default)** Does not send any debug logs to report portal

gwen.rp.debug = **true**

The screenshot shows two separate test runs in the Report Portal UI. Both runs have the 'Logs' tab selected, indicated by a blue arrow pointing to the tab bar. In the top run, the log message displays the node path and parameters for a step definition. In the bottom run, the log message also displays the node path and parameters. The UI includes navigation bars, status bars at the top, and tabs for different log levels (Fatal, Error, Warn, Info, Debug, Trace) and attachments.

**node paths and parameters (if any)
are logged as debug messages on each node**

nodePath:
/features/todo/AddItems.feature/Add Todo items[1]/Add items in my Todo list[1]/I add a "Walk the dog" item[1]
parameters:
{ todo : Walk the dog }

nodePath:
/features/todo/AddItems.feature/Add Todo items[1]/Add items in my Todo list[1]/I add a "Walk the dog" item[1]/I add a "<todo>" item[1]
parameters:
{ todo : Walk the dog }