

Gherkin

Cucumber is a tool that executes plain-text functional descriptions as automated tests. The language that Cucumber understands is called **Gherkin**, which is a business-readable, domain-specific language that describes the software's behavior without detailing how that behavior is implemented. It is a line-oriented language and uses indentation to define structure. Line endings terminate statements (e.g., steps). Either spaces or tabs may be used for indentation (but spaces are more portable). Most lines start with a keyword.

For more information on the Cucumber Basics, please consult the Wiki and Tutorials at: <http://cucumber.io>

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Fields

Gherkin Tests are divided in two **Scenario Types**:

- **Scenario**: a set of instructions exclusively composed of constant values, which, when executed by a tool, will only give a static result (e.g., $2 + 3 = 5$)
- **Scenario Outline**: a generic set of instructions containing variables, which, when executed by a tool, will prompt varied results according to the specified input.

The **Scenario Types** are inferred from the **Scenario** specification, i.e., the behavior to be reproduced by the Cucumber tool in entered in the **Steps** field.

Projects /  Bookstore /  BOOK-1

Test a logged in visitor can edit the account details

 Attach  Create subtask  Link issue   Test details 

Description

Add a description...

Linked issues

+

tests

 BOOK-2 As a Visitor, I can edit my account details   BACKLOG ▾

Test details

...

 Test details  Preconditions  Test Sets  Test Plans  Test Runs

Test Repository

Test Type

Cucumber ▾

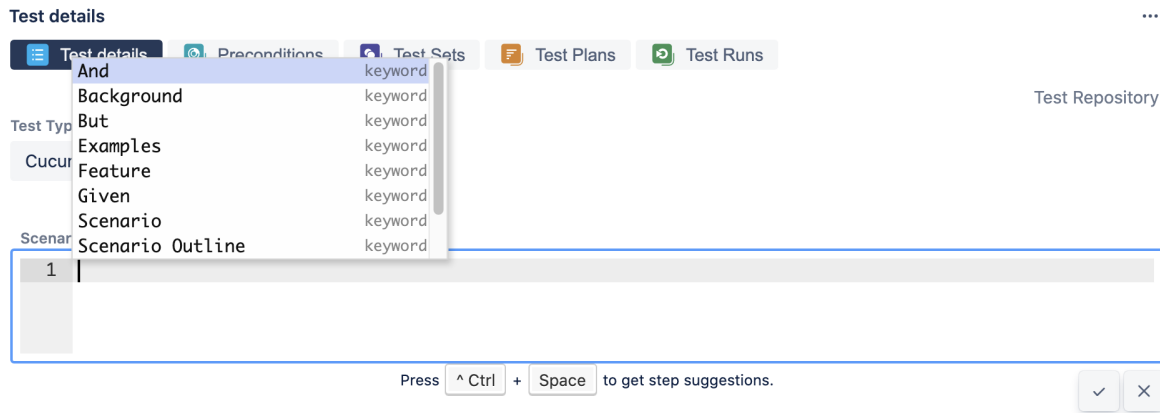
Scenario

- 1 **Given** I'm logged in on the website
- 2 **When** I navigate to the personal information page
- 3 **And** I update my details
- 4 **Then** I receive a notification that my account is updated

Edit Scenario Description

To edit a scenario, click in the scenario description editor, and it will enter in **edit mode**. The **edit mode** is easily identified by its background color and the **Save** and **Cancel** buttons at the bottom of the textbox.

Gherkin keyword suggestions are displayed if press CTRL+Space keys.

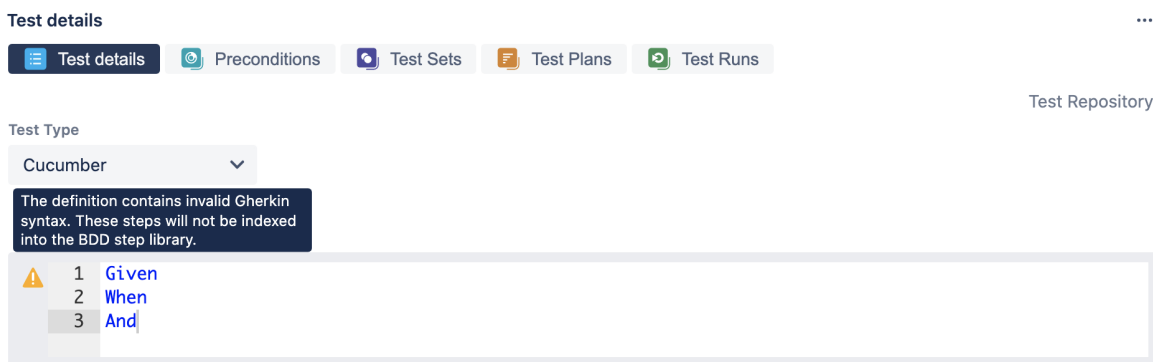


After having the step keyword, **BDD step suggestions** are also displayed if press CTRL+Space. The suggested BDD steps come from the existing BDD steps in the [project's BDD steps library](#).



Once you are done editing the scenario description you should press the **Save** button.

If the inserted scenario description is **invalid Gherkin**, it will still be saved as it is but a **warning** will be displayed next to the editor when in **view mode**.



Export to Cucumber

Cucumber Tests in Jira can be exported to feature files ready to be executed in Cucumber. The generated feature files follow the rules defined in [Export Cucumber Features](#) and take into account the context of the Jira Test issue.

This action will prompt a **FeatureBundle** zip file containing a single Cucumber feature file for every Requirement associated with the target Test, to be generated and downloaded.

To export a Cucumber Test issue to feature files,

- Step 1:** Open the Cucumber Test issue view page.
- Step 2:** Select ... > **Xray - Export to Cucumber**. The file will be downloaded to the browser.

Projects / Bookstore / BOOK-18

Test a logged in visitor can edit the account details

AttachCreate subtaskLink issueTest Details

Description

Add a description...

Linked issues

tests

BOOK-246 As a Visitor, I can edit my account details

Test Details

Test DetailsPreconditionsTest SetsTest PlansTest Runs

Test Type

Cucumber

Scenario

1

Given

I'm logged in on the website

2

When

I navigate to the personal information page

3

And

I update my details

4

Then

I receive a notification that my account is updated

Backlog

Assignee

Reporter

Labels

Revision

User MultiPicker

Priority

Xporter

Test Status

Show 5 more fields

Original estimate, Time tracking, Epic Link,

Created October 8, 2018, 5:46 AM

Updated April 14, 2021, 2:57 AM

Resolved October 8, 2018, 5:46 AM

Log work

Add flag

Xporter

Xray - Export to Cucumber

Xray - Document Generator

Convert to Subtask

Move

Clone

Delete

Print

Export XML

Export Word

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