

Result Builder library for Koalati tools

A library that allows tool developers to easily build and format result sets in Koalati tools, using the validation format defined in Koalati's [contributor documentation](#).

Installation

- Make sure [NodeJs](#) is installed
- Install the package using the `npm install` command

```
npm i result-builder
```

Usage

Then, you can include it in your project and use like this

```
const ResultBuilder = require('@koalati/result-builder')
//...
const resultsBuilder = new ResultBuilder();
const test = resultsBuilder.newTest('test-unique-name');
test.setTitle("my-title")
  .setDescription("my-description")
  .setWeight(0.5)
  .setScore(0.5)
  .addRecommandation("my-recommandation")
  .addSnippet(["my-snippet"])
  .addTableRow([
    [
      "Table heading 1",
      "Table heading 2"
    ],
    [
      "Table value 1",
      "Table value 2"
    ]
  ])
// ...
return resultsBuilder.getResultsTests();
```

Classes and methods

ResultBuilder (main class)

Methods	Descriptions
<code>newTest(string)</code>	Allow to set up a new test by providing a test unique name
<code>getResultsTests()</code>	Allow to get all the list of all the recorded tests
<code>toJson()</code>	Convert the result to a JSON format
<code>toArray()</code>	Convert all the results into an array

Test (utility class)

Methods	Descriptions
<code>addRecommandation(string , object = {})</code>	Adds a recommendation indicating to the user improvements to be made.
<code>addSnippet(string ElementHandle)</code>	Allows you to add code snippets from the results obtained.
<code>addTableRow(array)</code>	Adds a row to a data table. The first row will act as the table's header. Every row must have the same number of columns.
<code>setTitle(string)</code>	Defines a user-friendly title for the test.
<code>setDescription(string)</code>	Defines a user-friendly description for the test.
<code>setWeight(number)</code>	Defines the weight of this test relative to others in the same tool. Only numbers between 0.0 and 1.0.
<code>setScore(float)</code>	Defines the score of this test. Only numbers between 0.0 and 1.0.
<code>getTitle()</code>	Returns the title of the test.
<code>getDescription()</code>	Returns the description of the test.
<code>getWeight()</code>	Returns the weight of the test.
<code>getScore()</code>	Returns the score of the test.
<code>getSnippets()</code>	Returns the list of snippets.

Authors

This was originally developed by [Papa Alioune FALL](#) in the Spring of 2021. This fork has been made to keep the library up-to-date, as Papa's has since completed his internship.