

Simple Validation Report

A User

2021-05-27

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1 Certifications

1.1 Signatures

AUTHOR My signature designates authorship of this document.

Role	Name and Title	Signature	Date
Validation Lead	A User, Programmer		

APPROVAL I have reviewed this document and approve its content.

Role	Name and Title	Signature	Date
Reviewer	B User, Manager		
tester	A Different Author, Programmer		
validation d lead	Marie, programmer		
tester	Val A Dashun, Programmer II		

The effective date of this document is the last date of signature.

2 Release details

2.1 Package Information

2.1.1 Change Log

Version	Effective Date	Activity Description
1.0	2021-05-20	Validation release notes for version 1.0

2.1.2 Validation Environment

Type	Resource	Version Detail
system	OS	Windows 10 x64 (build 18362)
	R	4.1.0
extended_req	methods	4.1.0
session	devtools	2.4.1
	kableExtra	1.3.4
	knitr	1.33
	magrittr	2.0.1
	usethis	2.0.1
	valtools	0.2.0.9000

2.2 Authors

2.2.1 Requirements

Requirement ID	Editor	Edit Date
Requirement_001	Marie	2021-05-27
Requirement_002	An Author	2021-05-20

2.2.2 Test Case Authors

Test Case ID	Editor	Edit Date
Test_Case_001	Marie	2021-05-27
Test_Case_002	An Author	2021-05-20

2.2.3 Test Code Authors

Test Code ID	Editor	Edit Date
T1.1	Val A Dashun	2021-05-27
T2.1	A Different Author	2021-05-20

2.3 Traceability

Requirement Name	Requirement ID	Test Case Name	Test Cases
Requirement 1	1.1	Test_Case_001	1.1
Requirement 2	2.1	Test_Case_002	2.1

3 Risk Assessment

Requirement Name	Requirement ID	Risk Assessment
Requirement_001	1.1	1, High Risk, High Impact
Requirement_002	2.1	1, Low Risk, Medium Impact

4 Validation

001. valtools version installed

Requirement

+ `{valtools}` is the version approved for usage.

Test Cases

- Test Requirement 1 is fulfilled by checking that the version of `{valtools}` is $\geq 0.3.0$

Test	Results	Pass/Fail
T1.1	As expected	Pass

002. Configuration of stringsAsFactor

Requirement

- Do not convert to factor when variable is type character

Test Cases

- Setup:

```
test_data <- data.frame(number = 1:3,  
                        color = c("red", "black", "blue"))
```

- Test that the variable `color` in `test_data` is of type character.

Test	Results	Pass/Fail
T2.1	As expected	Pass