**F-001535**

**"VM: Specify a Variability Item for a Breakdown Item"**



Aras Corporation

© 2002 Aras Corporation. All rights reserved

Aras Corporation

Heritage Place

439 South Union Street

Lawrence, MA 01843

Phone: 978-794-7643

Fax: 978-794-9826

E-mail: info@aras-corp.com

Website: http://www.aras-corp.com

Notice of Rights

All rights reserved. Aras Corporation (Aras) owns this document. No part of this document may be reproduced or transmitted in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of Innovator and other Aras product names and logos are trademarks of Aras Corporation.

Notice of Liability

The information contained in this document is distributed on an “As Is” basis, without warranty. While every precaution has been taken in the preparation of this document, Aras shall have no liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the information contained in this document or by the software or hardware products described in it.

|  |  |  |
| --- | --- | --- |
| NAME | Description of update | Date Updated |
| **Olena Zaporozhets** | Initial creation | 10/22/2019 |
| **Olena Zaporozhets** | Update according of I-010447 "VM: Icons for Feature, Option, Variability Item and Component" | 11/05/2019 |
| **Anastasia Bakshinova** | Update according to new functionals | 01/20/2020 |

Table of Contents

[1 Send Us Your Comments 5](#_Toc25773321)

[2 Overview 6](#_Toc25773322)

[3 Functional Tests 7](#_Toc25773323)

[3.1 Define Variability Item item for breakdown item 7](#_Toc25773324)

[3.2 Pre-populated defVI in field in resolution sidebar in breakdown 8](#_Toc25773325)

# Send Us Your Comments

Aras Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is an important part of the information used for future revisions.

* Did you find any errors?
* Is the information clearly presented?
* Do you need more information? If so, where and what level of detail?
* Are the examples correct? Do you need more examples?
* What features did you like most?

If you find any errors or have any other suggestions for improvement, please indicate the document title, and the chapter, section, and page number (if available).

You can send comments to us in the following ways:

* FAX:   
  978-794-9826  
  Attn: Aras Support

Or,

* Postal service:  
  Aras Corporation  
  Heritage Place  
  439 South Union Street  
  Lawrence, MA 01843

Or,

* Email:   
  support@aras-corp.com   
  Subject Line: Innovator Documentation

If you would like a reply, please give your name, address, telephone number, and (optionally) electronic mail address.

If you have usage issues with the software, please contact your local Aras Account Executive.

# Overview

This Document represents a test case suite for testing F-001535 "VM: Specify a Variability Item Item for a Breakdown Item".

List of user stories which are described in the test suite, acceptance tests and lists of covered checks:

**I-011500 "Define Variability Item item for breakdown item"**

**Acceptance Criteria:**

* There is "Variability Item" relationship tab in Breakdown item.
* "Variability Item" rel.tab is displayed as fourth tab in Breakdown item ("Breakdown Items", "Breakdown Structure", "Variable Components or Contents", "Variability Item")
* Verify that user can pick Variability item in "Variability Item" rel.tab.
* Verify that only one Variability Item item can exist for Breakdown item.
* Verify that user can remove Variability Item item from "Variability Item" rel.tab.
* Verify that "Code", "Name" and "Description" columns are displayed in "Variability Item" rel.tab with their actual values.

**I-011502 "Pre-populated defVI in field in resolution sidebar in breakdown"**

**Acceptance Criteria:**

* GIVEN there is Variability Item item in breakdown item; WHEN user goes to Resolution sidebar tab in breakdown item THEN Variability Item item is displayed in "Variability Item Selection" field.
* IF Variability Item item pre-populated in "Variability Item Selection" field THEN Variability Structure is displayed in resolution sidebar tab in Breakdown item.
* GIVEN there is Variability Item item in breakdown item and it value is pre populated in "Variability Item Selection" field; WHEN user deletes Variability Item Item, reopens Breakdown Item and goes to Resolution sidebar tab THEN there is no pre populated value in "Variability Item Selection" field.

**I-013160 "Tab label change: '"Default Variability" ->"Variability Item""**

**Acceptance Criteria:**

* Component's tab label is "Variability Item" instead of "Default Variability".
* Breakdown Item's tab label is "Variability Item" instead of "Default Variability".

Steps highlighted in yellow are covered with component tests.

Steps highlighted in green are covered with selenium tests.

Steps highlighted in blue are covered with integration tests.

Steps highlighted in orange are covered with unit tests.

# Functional Tests

## Define Variability Item item for breakdown item

|  |  |  |
| --- | --- | --- |
| **Test#:** | F-001535-01 | |
| **Purpose:** | To test the defining of Variability Item item for breakdown item | |
| **Original requirements:** | [I-011500 "Define Variability Item item for breakdown item"](https://myinnovator.com/?StartItem=sa_Issue:1258864FC35C41DBA3CF759E280FDAAE) | |
| **Priority** | Medium | |
| **Tags** | #Variability Item # breakdown item | |
| **Automated:** | No | |
| **Setup** | Apply Sample Data | |
| * 1. Login to Innovator as **Admin**   ***There is "Variability Item" relationship tab in breakdown item.***   * 1. Go to **Variants Management** -> **Breakdown Items**   2. Open **Brake** Breakdown Item -> click **Edit**      1. Confirmthat there is " Variability Item " relationship tab in Breakdown Item   ***"Variability Item" relationship tab is displayed as fourth tab in Breakdown Item ("Breakdown Items", "Breakdown Structure", "Contents", "Variability Item")***   * + 1. Confirmthat "Variability Item" relationship tab is displayed as fourth tab in Breakdown Item ("Breakdown Items", "Breakdown Structure", "Content", "Variability Item")   1. Go to "Variability Item" tab      1. Confirm that is icon near Variability Items title     ***Verify that user can remove Variability Item item from "Variability Item" relationship tab.***   * 1. Select **Brake** Variability Item -> Click **Delete Default Variability Item**      1. Confirm that default Variability item can be removed from "Variability Item" relationship tab   2. **Save** Breakdown Item   ***Verify that user can pick Variability item in "Variability Item" relationship tab.***   * 1. Click **Add Variability Items** -> Select **Bicycle** Variability Item      1. Confirmthat user can pick Variability item in "Variability Item" relationship tab      2. Confirm that only one **Variability Item** item can exist for breakdown item (**Add Variability Items** button is disabled if one Variability item is selected)   ***Verify that "Code", "Name" and "Description" columns are displayed in "Variability Item" relationship tab with their actual values.***   * + 1. Confirm that "Code", "Name" and "Description" columns are displayed in "Variability Item" relationship tab   1. Save -> Close **Brake** Breakdown Item   2. Go to **Variants Management** -> **Variability Items**   3. Open **Bicycle** Variability Item -> Click **Edit**   4. Change "Code", "Name" and "Description". New values:   Code: N012  Name: NewBicycle  Description:New Description   * 1. Click **Done** -> Close item   2. Open **Brake** Breakdown Item   3. Go to "Variability Item" tab      1. Confirm that "Code", "Name" and "Description" columns are displayed in "Variability Item" relationship tab with their actual values   ***Verify that user can remove Variability Item item from "Variability Item" relationship tab.***   * 1. Click **Edit** for **Brake** Breakdown Item   2. Select **New Bicycle** Variability Item in the "Variability Item" tab   3. Click **Delete Default Variability Items** button -> **Save** Breakdown Item      1. Confirm that Variability Item item can be removed from "Variability Item" relationship tab   4. Close Breakdown Item   ***Verify that only one Variability Item item can exist for breakdown item.***   * 1. Open **Brake** Breakdown Item -> Click Edit   2. Go to "Variability Item" tab   3. Click **Add Variability Items** -> Select two Variability items in Search dialog   4. Click Save for **Brake** Breakdown Item      1. Confirm that Breakdown Item is not saved (error massage appears)   5. Close error massage   6. Remove one Variability items from "Variability Item" tab   7. Click Save      1. Confirm that only one Variability Item can exist for breakdown item   8. Remove another Variability item from "Variability Item" tab   9. Click Done -> Close Breakdown Item | | |
| **Cleanup** | | * 1. Go to **Variants Management** -> **Variability Items**   2. Open **New** **Bicycle** Variability Item -> Click **Edit**   3. Change "Code", "Name" and "Description". New values:   Code: 012  Name: Bicycle  Description:(empty)   * 1. Done -> Close item   2. Logout |

## Pre-populated defVI in field in resolution sidebar in breakdown

|  |  |  |
| --- | --- | --- |
| **Test#:** | F-001535-02 | |
| **Purpose:** | To test the pre-populated defVI in field in resolution sidebar in breakdown | |
| **Original requirements:** | [I-011502 "Pre-populated defVI in field in resolution sidebar in breakdown"](https://myinnovator.com/?StartItem=sa_Issue:53C1417E0FB6458EADC431B1DDA75755) | |
| **Priority** | Medium | |
| **Tags** | #Variability Item # breakdown item | |
| **Automated:** | No | |
| **Setup** | Sample Data | |
| * 1. Login to Innovator as **Admin**   ***GIVEN there is Variability Item item in breakdown item; WHEN user goes to Resolution sidebar tab in breakdown item THEN Variability Item item is displayed in "Variability Item Selection" field.***   * 1. Go to **Variants Management** -> **Breakdown Items**   2. Open **Bicycle** Breakdown Item -> click **Edit**   3. Go to **Variability Item** tab   4. Go to **Resolution** sidebar tab -> click **Resolve** button      1. Confirmthat Variability Item item (**Bicycle**) is displayed in "Variability Item Selection" field   ***IF Variability Item item pre-populated in "Variability Item Selection" field THEN Variability Structure is displayed in resolution sidebar tab in Breakdown item.***   * + 1. Confirm that Variability Structure is displayed in resolution sidebar tab in Breakdown item     2. Confirm that Breakdown Structureexpands automatically     3. Confirm that default Grow Depth is 5   1. Close **Bicycle** Breakdown Item   ***GIVEN there is Variability Item in breakdown item and it value is pre populated in "Variability Item Selection" field; WHEN user deletes Variability Item Item, reopens Breakdown Item and goes to Resolution sidebar tab THEN there is no pre populated value in "Variability Item Selection" field.***   * 1. Open **Bicycle** Breakdown Item -> click **Edit**   2. Go to **Variability Item** tab   3. Select **Bicycle** Variability Item -> Delete it -> **Save** -> CloseBreakdown Item   4. Open **Bicycle** Breakdown Item -> Go to **Resolution**sidebar tab      1. Confirmthat there is no pre populated value in "Variability Item Selection" field. | | |
| **Cleanup** | | Logout |