**F-001529**

**"VM: Specify a default Variability Item for a Component"**



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| --- | --- | --- |
| 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 |
| **Olena Zaporozhets** | Update according of I-014036 "Component and Breakdown Item need to be versionable" | 01/21/2020 |

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# Overview

This Document represents a test case suite for testing F-001529 "VM: Specify a default Variability Item for a Component".

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

**I-011497 "Define default variability item for component item"**

**Acceptance Criteria:**

* There is "Default Variability" relationship tab in Component item.
* "Default Variability" rel.tab is displayed as second tab in Component item (First is Assets tab).
* Verify that user can pick Variability item in "Default Variability" rel.tab.
* Verify that only one default Variability item can exist for Component item.
* Verify that user can remove default Variability item from "Default Variability" rel.tab.
* Verify that "Code", "Name" and "Description" columns are displayed in "Default Variability" rel.tab with their actual values.

**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".

**I-010058 "VM:Search grid has all items from DB (for VI,BdI and Components)"**

* Search grid does not download all items from DB.

Turn on Auto search.

Set Default page size to 25.

**I-011498 "Pre-populated def.VI in field in usages editor in assets tab"**

* GIVEN user added default variability item for Component item. User located in Manage usage condition form; WHEN user clicks on New button in form THEN usage condition editor with pre-populated default variability item in variability item field is displayed.
* IF default Variability item pre-populated in "Variability Item" field THEN Features and options related to this Variability item are displayed and available for selection in Intellisense.

**I-014036 "Component and Breakdown Item need to be versionable**"

**Acceptance Criteria:**

* Revision column is displayed for Variable Components in main grid.

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 default variability item for component item

|  |  |  |
| --- | --- | --- |
| **Test#:** | F-001529-01 | |
| **Purpose:** | To test the defining of default variability item for component item | |
| **Original requirements:** | [I-011497 "Define default variability item for component item"](https://myinnovator.com/?StartItem=sa_Issue:4E2DC5A8EC4B4447AC618A6C55CDC65A)  [I-014036 "Component and Breakdown Item need to be versionable"](https://myinnovator.com/?StartItem=sa_Issue:57D74690499C4BEBAE74431001ACD9C6) | |
| **Priority** | Medium | |
| **Tags** | #Default variability item # component item | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| * 1. Login to Innovator as **Admin**   ***Search grid does not download all Components from DB. Default page size to 25.***   * 1. Go to **Variant Management -**> **Variable Components** -> Click on **loupe**      1. Confirm that list from 25 Components was download automatically      2. Confirm that Default page size is set to 25 items   ***Revision column is displayed for Variable Components in main grid.***   * + 1. Confirm that Revision column is displayed for Variable Components in main grid.   ***There is "Variability Item" relationship tab in component item.***   * 1. Open ***Brake*** Component item -> click **Edit**      1. Confirmthat there is "Variability Item" relationship tab in component item   ***"Variability Item" relationship tab is displayed as second tab in Component item (First is Assets tab)***   * + 1. Confirmthat "Variability Item" relationship tab is displayed as second tab in Component item ("Assets", "Variability Item")   ***Verify that user can pick Variability item in "Variability Item" relationship tab.***   * 1. Go to "Variability Item" tab      1. Confirm that there is icon near Variability Items title     ***Verify that user can remove default Variability 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** Component Item   3. 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 **default** Variability 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**Brake** Component item -> Close it   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 Variability Item   2. Open **Brake** Component 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   Code: N012  Name: NewBicycle  Description:New Description  ***Verify that only one default Variability item can exist for Component item.***   * 1. Click **Edit** for **Brake** Component Item   2. Go to "Variability Item" tab   3. Select **Bicycle** Variability Item -> Click **Delete Default Variability Item**   4. Click **Add Variability Items** -> Select two Variability items in Search dialog -> OK   5. Click Save for **Brake** Component Item      * + 1. Confirm that Component is not saved (error massage appears)   1. Close error massage   2. Remove one Variability items from "Variability Item" tab   3. Click Save      1. Confirm that only one default Variability item can exist for Component item   4. Remove another Variability item from "Variability Item" tab   5. Click Done -> Close Component Item | | |
| **Cleanup** | | * 1. Go to **Variant Management -**> **Variable Components**   2. Open **Brake** Component Item -> Edit   3. Go to "Variability Item" tab   4. Click **Add Variability Items** -> Select **Brake** Variability Item -> Done -> close item   5. Go to **Variants Management** -> **Variability Items**   6. Open **Bicycle** Variability Item -> Click **Edit**   7. Change "Code", "Name" and "Description". New values:   Code: V012  Name: Bicycle  Description:(empty)   * 1. Click Done and close it   2. Logout |

## Pre-populated def.VI in field in usages editor in assets tab

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| **Test#:** | F-001529-02 | |
| **Purpose:** | To test the defining of default variability item for Component | |
| **Original requirements:** | [I-011498 "Pre-populated def.VI in field in usages editor in assets tab"](https://myinnovator.com/?StartItem=sa_Issue:C93388214CD04C498307ED6EEC59B3CD) | |
| **Priority** | Medium | |
| **Tags** | #Default variability item # component item | |
| **Automated:** | No | |
| **Setup** | Load Sample Data | |
| * 1. Login to Innovator as **Admin**   2. Go to **Variant Management** -> **Variability Components** and **Search Variability Components**   3. Open *Saddle* component   4. **Edit**   5. Go to **Variability Item** tab   6. Delete existing (if there is some) -> Add *Tire* Variability Item -> **Save**   7. Go to **Assets** tab   8. Choose *SD-7457* **RMB** -> **View Usage Conditions**   9. Click **Create Usage Condition** in Manage Usage Conditions form   ***GIVEN user added default variability item for Component item. User located in Manage usage condition form; WHEN user clicks on New button in form THEN usage condition editor with pre-populated default variability item in variability item field is displayed.***   * + 1. Confirm that there is “V*005 Tire*” in Variability Item field   ***IF default Variability item pre-populated in "Variability Item" field THEN Features and options related to this Variability item are displayed and available for selection in Intellisense.***   * 1. Put cursor to Usage Condition area      1. Confirm that intellisense was opened and there are *Tire Width* and *Tire Size* Features in intellisense.   2. Enter condition: [Tire Width]=[3.9 inches]   3. Click **Apply**      1. Confirm that the usage was successfully saved   4. **Done** and Close Component | | |
| **Cleanup** | | * 1. Open *Saddle* component -> **Edit**   2. Go to **Variability Item** tab ->   3. Delete existing (if there is some) -> Add *Saddle* Variability Item -> Save   4. Go to **Assets** tab   5. Choose *SD-7457* **RMB** -> **View Usage Conditions**   6. Select [Tire Width]=[3.9 inches]   7. Delete it   8. Logout |