## **Suspect links tracking options**

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## **Tracking Deprecated Requirements**

Suspect links analysis allows tracking deprecated Requirements. This is useful when you are working with Requirements and some of them are no longer used. In that case, apply the *«deprecated»* stereotype to mark the Requirements of this type. All deprecated Requirements are provided in the **Validation Results** panel.

| Suspect Links Opprecated/Unlinked Requirements   |                                     |                                |  |  |  |  |
|--|-------------------------------------|--------------------------------|--|--|--|--|
| Deprecated/Unlinked Requirements   |                                     |                                |  |  |  |  |
|  |                                     |                                |  |  |  |  |
| Element 1  | Severity                            | Abbreviation                   | Message  | Not Ignored 🛛 🖤  |  |  |
| Suspect Deprecated Requirements     SR1 Adaptive Cruise Control     SR2 Regenerative Braking     SR4 ACC Brake     SR6.3 Hybrid mode | ▲ warning<br>▲ warning<br>▲ warning | SusDprElement<br>SusDprElement | The element is deprecated.<br>The element is deprecated.<br>The element is deprecated.<br>The element is deprecated. | Not Ignored<br>Not Ignored<br>Not Ignored<br>Not Ignored |  |  |
| 4 Warnings   |                                     |                                |  |  |  |  |

To check whether deprecated Requirements are tracked

In the main menu, go to Analyze > Suspect Links and select Options. If the Track Deprecated Elements option is set to true, tracking deprecated elements is enabled.

| Suspect Links                    |   |  |  |  |
|----------------------------------|---|--|--|--|
|                                  |   |  |  |  |
| Suspect Links                    |   |  |  |  |
| Enable Tracking                  | 🗹 true                                  |  |  |  |
| Track Deprecated Elements        | 🗹 true                                  |  |  |  |
| Track Links in Main Project Only | 🗹 true                                  |  |  |  |
| Track Unlinked Requirements      | Excluding Owning                        |  |  |  |
| Tracking Scope                   | System Requirements [03 Physical Model] |  |  |  |
|                                  | System Structure [03 Physical Model]    |  |  |  |

## **Tracking Unlinked Requirements**

Suspect links analysis allows tracking unlinked Requirements. This is useful when you're working with structure elements and you need to know which Requirements remain unsatisfied.

To check whether unlinked Requirements are satisfied

- 1. In the main toolbar, go to Analyze > Suspect Links and select Options.
- 2. Click the arrow next to the Track Unlinked Requirements option and choose:
- a) All if you want to track all the unlinked Requirements

b) **Excluding Owning** – if you want to track only those unlinked Requirements, that have no sub-Requirements c) **None** – if you want to disable tracking unlinked Requirements.

| Suspect Links                    |                        |  |  |  |
|----------------------------------|------------------------|--|--|--|
|                                  |                        |  |  |  |
| Suspect Links                    |                        |  |  |  |
| Enable Tracking                  | 🗹 true                 |  |  |  |
| Track Deprecated Elements        | 🗹 true                 |  |  |  |
| Track Links in Main Project Only | 🗹 true                 |  |  |  |
| Track Unlinked Requirements      | Excluding Owning 🗸 🗸 🗸 |  |  |  |
|                                  | All                    |  |  |  |
| Tracking Scope                   | Excluding Owning       |  |  |  |
|                                  | None 45                |  |  |  |

All unlinked Requirements are provided in the Validation Results panel.

| Suspect Links Opprecated/Unlinked Requirements |               |              |                                |             |     |
|--|---------------|--------------|--------------------------------|-------------|-----|
| Deprecated/Unlinked Requirements               |               |              |                                |             | ø x |
| ■\$ 咳 № • ⊗ F・◎ 昂(                             | 2 🛠 🗈         |              |                                |             |     |
| Element <sup>1</sup>                           | Severity      | Abbreviation | Message                        | ls Ignored  |     |
| 🖃 🛅 ValSuite - Suspect Links                   |               |              |                                |             | ^   |
| - 🗷 SR1 Adaptive Cruise Control                | 🔺 warning     | UnlinkReq    | An unlinked element was found. | Not Ignored | _   |
| - 🗷 SR2 Regenerative Braking                   | \land warning | UnlinkReq    | An unlinked element was found. | Not Ignored |     |
| - 🗷 SR6.1 Full charge mode                     | \land warning | UnlinkReq    | An unlinked element was found. | Not Ignored |     |
| R SR6.3 Hybrid mode                            | \land warning | UnlinkReq    | An unlinked element was found. | Not Ignored | ~   |
| 6 Warnings                                     |               |              |                                |             |     |

## **Tracking Links in Main Project Only**

You can limit the suspect links analysis scope to links contained in the main project only. If the option is enabled, used projects are excluded from the tracking scope.

To track links in the main project only

• In the main menu, go to Analyze > Suspect Links and select Options. If the Track Links in Main Project Only option is set to *true*, links are tracked in the main project only.

| Suspect Links  |   |  |  |  |
|--|---|--|--|--|
|  |   |  |  |  |
| Suspect Links  |   |  |  |  |
| Enable Tracking                                      | ✓ true                                  |  |  |  |
| Track Deprecated Elements                            | 🗹 true                                  |  |  |  |
| <ul> <li>Track Links in Main Project Only</li> </ul> | 🗹 true                                  |  |  |  |
| Track Unlinked Requirements                          | Excluding Owning                        |  |  |  |
| Tracking Scope                                       | System Requirements [03 Physical Model] |  |  |  |
|  | System Structure [03 Physical Model]    |  |  |  |