

COR2029

Abbreviation

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Message

Resource Role kind is incorrect according to its type and owner.

Description

The Role Kind of a Resource Role is incompatible with the type of Owner of the Resource Role.

Severity

Error

Context element

Resource Role

Solvers

- **Sets Resource Role's Kind Value To Other** - other Resource Role kind value is set.
- **Sets Resource Role's Kind Value To** - you can select Platform, Systems, or Component as a Resource Role kind value.

Example

The diagram illustrates the correction of a Resource Role's properties in a software model. It is divided into two main sections, each showing a 'Containment' tree and a 'Resources Internal Connectivity' diagram, with a 'Specification of Part Property Y' dialog box.

Top Section (Initial State):

- Containment Tree:** Shows a hierarchy where 'Resources Constraints' is the parent of 'Y : Resources::Resources Constraints::Yacht'.
- Resources Internal Connectivity:** Shows a diagram with a resource role 'Y : Yacht'.
- Specification of Part Property Y:** The 'Role Kind' is set to 'Used Configuration' (highlighted with a red box). The 'Type' is 'Yacht [Resources::Resources Constraints]'.

Bottom Section (Corrected State):

- Containment Tree:** The hierarchy is updated so that 'Y : Resources::Resources Constraints::Yacht' is now a child of 'Resources Constraints'.
- Resources Internal Connectivity:** The diagram shows the resource role 'Y : Yacht' with a different icon, indicating a change in its role.
- Specification of Part Property Y:** The 'Role Kind' is now set to 'Equipment' (highlighted with a green box). The 'Type' remains 'Yacht [Resources::Resources Constraints]'.

An orange arrow points from the top section to the bottom section, indicating the transition from the initial state to the corrected state.

Resource Role Kind changed using Sets Resource Role's Kind Value To... solver