

COR2029

Abbreviation

COR2029

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 'Specification of Part Property Y' dialog.

Top Section (Initial State):

- The 'Containment' tree shows a 'Resources' folder containing 'Resources Connectivity', 'Maritime Configuration', 'Y : Resources::Resources Constraints::Yacht', 'Resources Connectivity Table (.xlsx)', 'Resources Role-based Connectivity Table (.xlsx)', and 'Resources Constraints'.
- The 'Resources Internal Connectivity' diagram shows a 'Y : Yacht' resource role.
- The 'Specification of Part Property Y' dialog shows the 'Y : Resources::Resources Constraints::Yacht' property. The 'Role Kind' is 'Used Configuration', the 'Type' is 'Yacht [Resources::Resources Constraints]', the 'Owner' is 'Maritime Configuration [Resources::Resources Constraints]', and the 'Class' is 'Maritime Configuration [Resources::Resources Constraints]'.

Bottom Section (Corrected State):

- The 'Containment' tree is identical to the top section.
- The 'Resources Internal Connectivity' diagram shows the 'Y : Yacht' resource role.
- The 'Specification of Part Property Y' dialog shows the 'Y : Resources::Resources Constraints::Yacht' property. The 'Role Kind' is 'Equipment', the 'Type' is 'Yacht [Resources::Resources Constraints]', the 'Owner' is 'Maritime Configuration [Resources::Resources Constraints]', and the 'Class' is 'Maritime Configuration [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