

Using BPMN Compliance Mode

BPMN elements can be integrated into the UAF model. The Processes (BPD) and Sequences (BPD) diagrams in the UAF model are based on BPMN Process Diagram (BPD). Some diagram elements have both UAF and BPMN stereotypes.

BPMN toolbars are available in the following diagrams:

Framework	Diagrams
UAF 1.2	<ul style="list-style-type: none">• Operational Process Flow (BPD)• Operational Sequences (BPD)• Services Process Flow (BPD)• Personnel Process Flow (BPD)• Personnel Sequences (BPD)• Resources Process Flow (BPD)• Resources Sequences (BPD)
DoDAF 2.1	<ul style="list-style-type: none">• OV-5 Operational Activity Model BPD• OV-6c Operational Event-Trace Description BPD• SvcV-4 Services Functionality Description BPD• SvcV-10c Services Event-Trace Description BPD• SV-4 Functionality Description BPD• SV-10c Systems Event-Trace Description BPD
MODAF	<ul style="list-style-type: none">• MODAF. OV-5 Operational Activity Model BPD• MODAF. OV-6c Operational Event-Trace Description BPD• MODAF. SV-4 Functionality Description BPD• MODAF. SV-10c Resource Event-Trace Description BPD
NAF	<ul style="list-style-type: none">• NOV-5 Operational Activity Model BPD• NOV-6c Operational Event-Trace Description BPD• NSV-4 System Functionality Description BPD• NSV-10c System Event-Trace Description BPD
NAF 4.0	<ul style="list-style-type: none">• L4 Logical Activities BPD• L6 Logical Sequence BPD• P4 Resource Functions BPD• P6 Resource Sequence BPD

There are two ways to turn the BPMN compliance mode on:

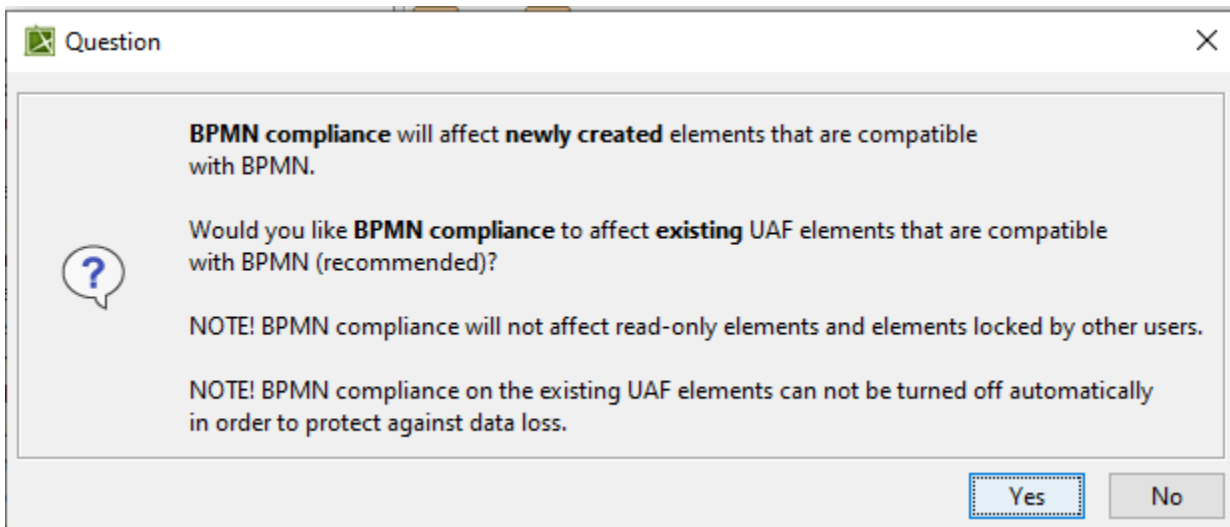
- Creating a new project. In this case, BPMN compliance affects all UAF elements compatible with BPMN.
- Change the Project Options for the existing project. In this case, you can choose if you want the BPMN compliance to affect only new or existing elements.



You will also be suggested to turn the BPMN compliance on while creating the BPD diagram.

To turn on the BPMN compliance mode

1. Click **Options > Project**.
2. In the **Project Options** dialog, click the **UAF** property group.
3. Set the **BPMN Compliance Mode** property value to true.
4. Click **OK**.



Mapping UAF and BPMN

The mapping list of UAF and BPMN stereotypes:

UAF	BPMN
Operational Activity Action	Call Activity
Function Action	Call Activity
Operational Activity	BPMN Process
Function	BPMN Process
Service Function	BPMN Process
Operational Activity Edge [Control Flow]	Sequence Flow
Function Edge [Control Flow]	Sequence Flow
Operational Activity Edge [Object Flow]	Data Association
Function Edge [Object Flow]	Data Association
Operational Agent	Resource
Resource Performer	Resource
Operational Information	BPMN Message
Resource Information	BPMN Message

Example

Let's see an example of how can BPMN Process elements be used in an Operational Process Flow (BPD) diagram.

In the created Operational Process Flow (BPD) diagram, the Claim Processing behavior was modeled using the BPMN Process elements. The following figure shows the BPMN Process diagram, where some elements have both UAF and BPMN stereotypes.

Operational Process Flow (BPD) [Claim Processing]

