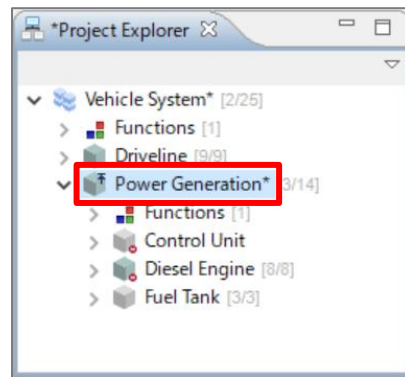
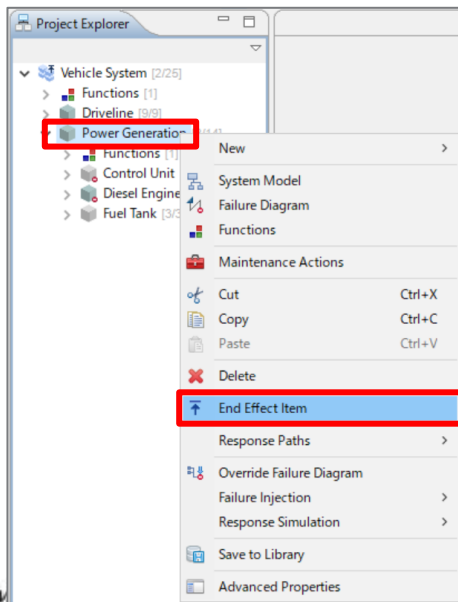


<WF1-6-1-1> 故障の最終的な影響を受ける部品を設定する

以下の手順で、故障の最終的な影響を受ける部品を設定します。

➢ 故障の影響の詳細は、「<WF1-6-1> 操作ガイド」の「<WF1-6-1-1> 故障の最終的な影響を受ける部品について」を参照してください。

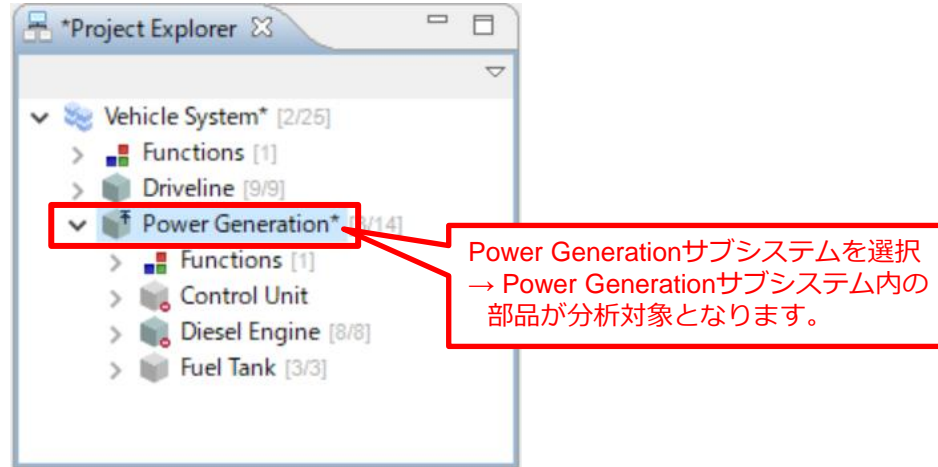
- ① 「Project Explorer」ビューアのアイテム上で右クリックします。
- ② リストから「End Effect Item」をクリックします。



<WF1-6-1-2> 分析対象とする部品を選択する

以下の手順で、分析対象とする部品を選択します。

- ① 「Project Explorer」 ビューアで分析対象とするアイテムを選択します。



<WF1-6-1-3> Response Pathを新規作成する

以下のいずれかの手順で、Response Pathを新規作成します。

- Response Pathの詳細は、「<WF1-6-1> 操作ガイド」の「<WF1-6-1-3> Response Pathについて」を参照してください。

方法1. ①「Project Explorer」ビューアのアイテム上で右クリックします。

②リストから「Response Paths」→「FCM」を選択します。

方法2. ①「Analyses」メニューの「Response Paths」→「FCM」を選択します。


- 作成完了メッセージが表示された場合、「OK」をクリックします。

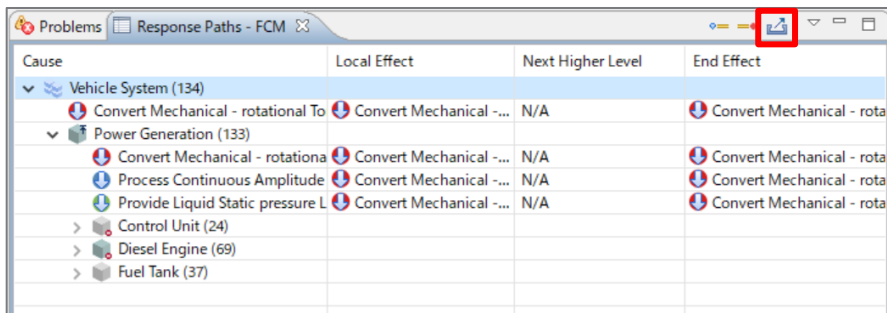
The screenshot illustrates the process of creating a new Response Path (FCM) in the software. It shows the 'Project Explorer' with 'Power Generation' selected, the 'Analyses' menu with 'Response Paths' and 'FCM' highlighted, and the 'Analysis Task Completion Information' dialog box with 'OK' button highlighted. A 'Problems' window is also visible, showing the resulting FCM analysis results.

Cause	Local Effect	Next Higher Level	End Effect
Vehicle System (136)			
Power Generation (155)			
Convert Mechanical - rotational Torque Low (Diesel Engine)	Convert Mechanical - rotational Torque Low	N/A	Convert Mechanical - rotational Torque Low (P)
Process Combustion Amplitude Low (Control Unit)	Convert Mechanical - rotational Torque Low	N/A	Convert Mechanical - rotational Torque Low (P)
Provide Liquid Static pressure Low (Fuel Tank)	Convert Mechanical - rotational Torque Low	N/A	Convert Mechanical - rotational Torque Low (P)
Control Unit (56)			
Diesel Engine (88)			
Control Mechanical - linear Linear velocity Low (Governor)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Convert Mechanical - rotational Torque Low (Engine)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Couple Mechanical - rotational Angular velocity Low (Couple)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Increase Liquid Flow rate Low (Low (Fuel Pump))	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Refine Gas Mass Flow rate Low (Air Filter)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Refine Liquid Flow rate Low (Primary Fuel Filter)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Refine Liquid Flow rate Low (Secondary Fuel Filter)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Regulate Liquid Dynamic pressure Low (Injector Pump)	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low	Convert Mechanical - rotational Torque Low (P)
Air Filter (8)			
Clamping (14)			
Engine (15)			
Governor (8)			
Injector Pump (7)			
Lift Pump (7)			
Primary Fuel Filter (8)			
Secondary Fuel Filter (8)			
Fuel Tank (17)			

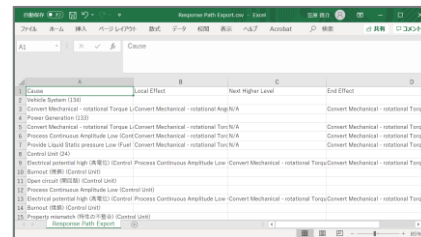
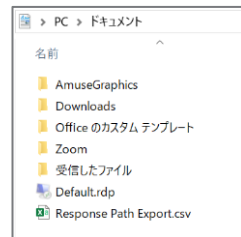
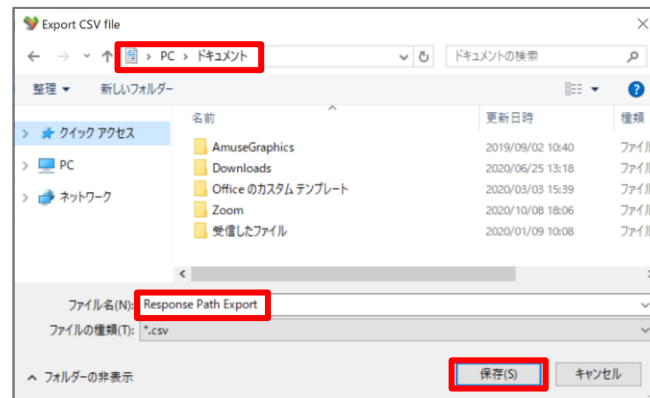
<WF1-6-1-4> Response PathをCSVファイルに出力する

以下の手順で、Response PathをCSVファイルに出力します。

- ① 「Response Paths」 ビューアの  アイコンをクリックします。
- ② 「Export CSV file」 ダイアログでフォルダ・ファイル名を入力し、「保存」をクリックします。



Cause	Local Effect	Next Higher Level	End Effect
Vehicle System (134)			
Convert Mechanical - rotational Torque	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Power Generation (133)			
Convert Mechanical - rotational Torque	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Process Continuous Amplitude	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Provide Liquid Static pressure Loss	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Control Unit (24)			
Diesel Engine (69)			
Fuel Tank (37)			



Case	Local Effect	Next Higher Level	End Effect
Vehicle System (134)			
Convert Mechanical - rotational Torque	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Power Generation (133)			
Convert Mechanical - rotational Torque	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Process Continuous Amplitude	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Provide Liquid Static pressure Loss	Convert Mechanical - rotational Torque	N/A	Convert Mechanical - rotational Torque
Control Unit (24)			
Diesel Engine (69)			
Fuel Tank (37)			