It seems that it's impossible to create a RAP application involving EMF model and RAP e4 ui. Using Parsley Target platform EMF model is possible but e4 ui not.

Using Rap Target Platform ui is ok but EMF model is impossible.

Step 1 :

Install eclipse-modeling-2019-09-R-win32-x86_64.zip

Step 2 :

Install Rap tools :

- 1. Help -> Install New Software ...
- 2. select the main Eclipse Update site
- 3. expand category "Web, XML, Java EE and OSGi Enterprise Development"
- 4. select "RAP Tools" and complete the installation, restarting the IDE at the end
- 5. after IDE restarts just close the Welcome page

Step 3 :

Setup the EMF Parsley RAP Target Platform

After having installed EMF Parsley as described <u>here</u> and created a new workspace, you can setup the EMF Parsley RAP Target Platform in the following way:

- 1. File -> New... -> Example...
- 2. from Category "EMF Parsley Examples", select "EMF Parsley RAP Target Platform Example"
- 3. press Next and Finish
- 4. open the Target Definition file emf-parsely-rap.target
- 5. wait until the "Resolving Target Definition" job is done (check the status bar)
- 6. when finished, click on hyperlink "Set as Target Platform"

If you use the RAP Platform here : https://www.eclipse.org/rap/developers-

<u>guide/devguide.php?topic=target-install.html&version=3.10</u> The future problems will be different but still impossible to develop an application using EMF and E4 features for the GUI.

Step 4 :

Create an EMF Model : here use Model_BUG in the Zip file.

Step 5 :

Create a plug_in project using a RAP e4 template.

Workspace_bug - org.eclipse.emf.parsley.examples.rap.targetplatform/emf-parsely-rap.target - Eclipse IDE



Workspace_bug - org.eclipse.emf.parsley.examples.rap.targetplatform/emf-parsely-rap.target - Eclipse IDE

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After all this we have a very strange result :

The target platform is yet installed. But eclipse ask to install another one.
 Workspace_bug - Model_BUG_ui/META-INF/MANIFEST.MF - Eclipse IDE

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The project Model_Bug_ui come with a problem : ٠

Workspace_bug - Model_BUG_ui/META-INF/MANIFEST.MF - Eclipse IDE

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Conclusion :

It's seems impossible using RAP to develop an RAP e4 plugin using an EMF model