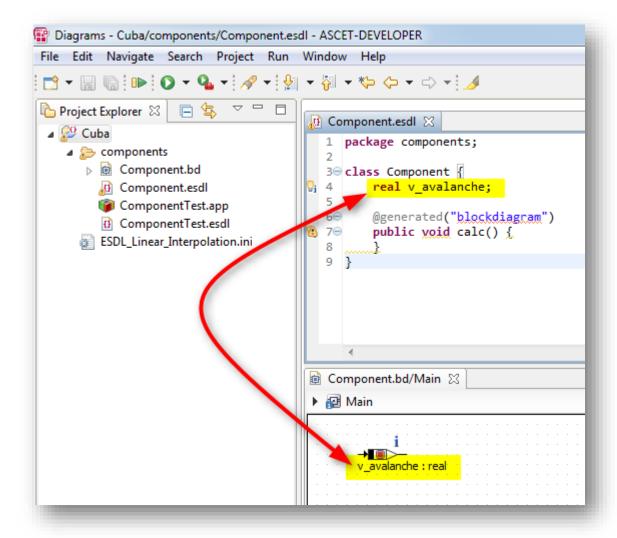


ASCET-DEVELOPER: Renaming a message (or any other component)

? Question

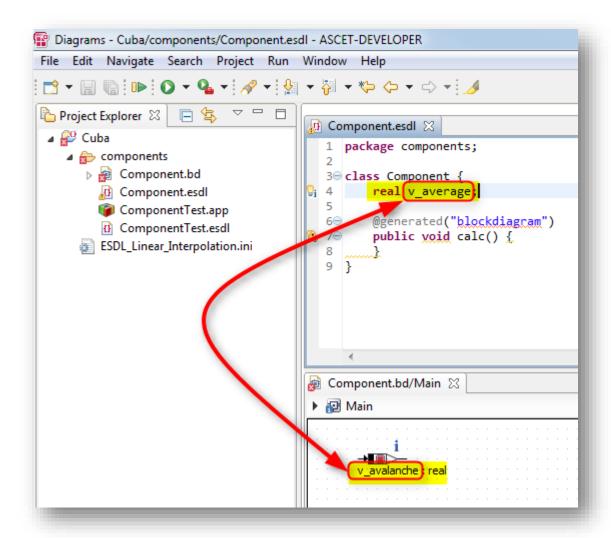
- I want to rename an element in my ASCET model
- The current name is v_avalanche



- I want to change the name from v_avalanche to v_average
- o I edited the name of an element directly in the ESDL file via text editor



o Now, in block diagram editor the name is still the old one



O Display of block diagram is not updated when a name is changed in the corresponding ESDL file

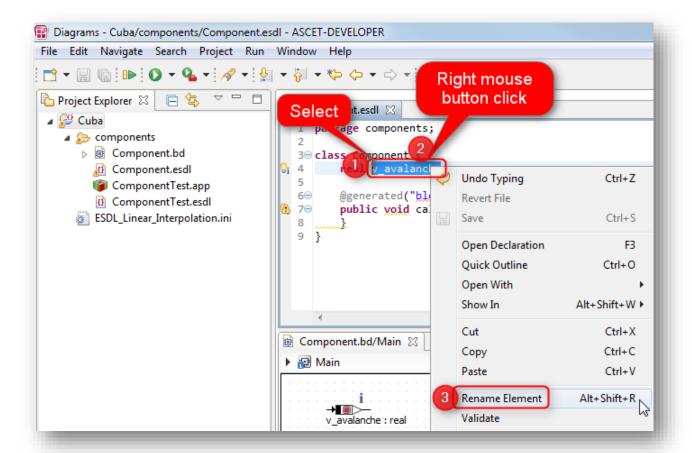




- In order to change the name of an element AND change all references to it one has to use the **Rename Refactoring** function
- o Just editing the name directly in the ESDL file will not update the related references

Recommended way to rename any component:

1. In ESDL file in text editor \rightarrow Select the element you want to rename \rightarrow Right mouse button click \rightarrow **Rename Element**





2. Click on **blue triangle** on the right side of "Enter new name, press Enter to refactor"

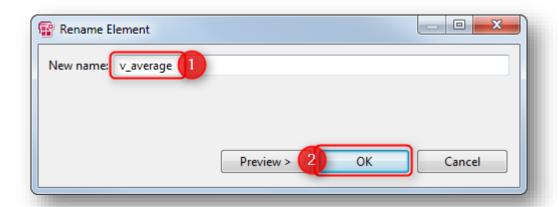
```
Component.esdl ⊠

1 package components;
2
3⊖ class Component {
    real vavalanche;
5
6⊖ @ger Enter new name, press Enter to refactor void calc() {
    **8
9 }
```

3. Click Open Rename Dialog...

```
🔃 Component.esdl 🔀
     package components;
  3⊖ class Component {
0i 4
         real
          @ger Enter new name, press Enter to refactor >
  6⊖
1 7⊝
          public void calc()
                                                       Rename...
                                                                                     Enter
  8
  9 }
                                                       Preview...
                                                                                 Ctrl+Enter
                                                       Open Rename Dialog.
                                                                                Alt+Shift+R
```

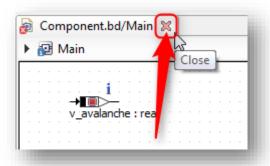
4. In dialog **Rename Element**: Type new name → Click **OK** button



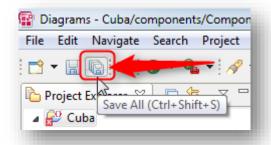
Wait until Builders and Validators are finished (see in status line at bottom right corner)



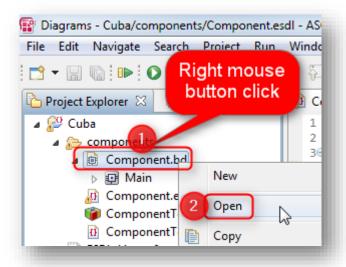
5. On block diagram tab → Click red X ("Close") icon



6. In ASCET-DEVELOPER \rightarrow Tool bar \rightarrow Click **Save All** icon

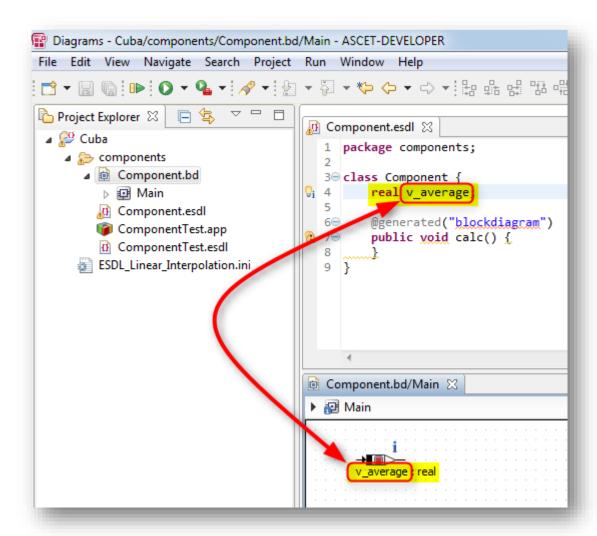


7. In **Project Explorer** on block diagram file: Right mouse button click → **Open**





8. Result: The element and reference is renamed





Do you still have questions?

- You will find further FAQ articles on the ETAS homepage: www.etas.com/en/faq
- Movies corresponding to FAQ articles can be found on the <u>ETAS YouTube channel</u>
- o Please feel free to contact our Support Center, if you have further questions.
- o Here you can find all information: http://www.etas.com/en/hotlines.php

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