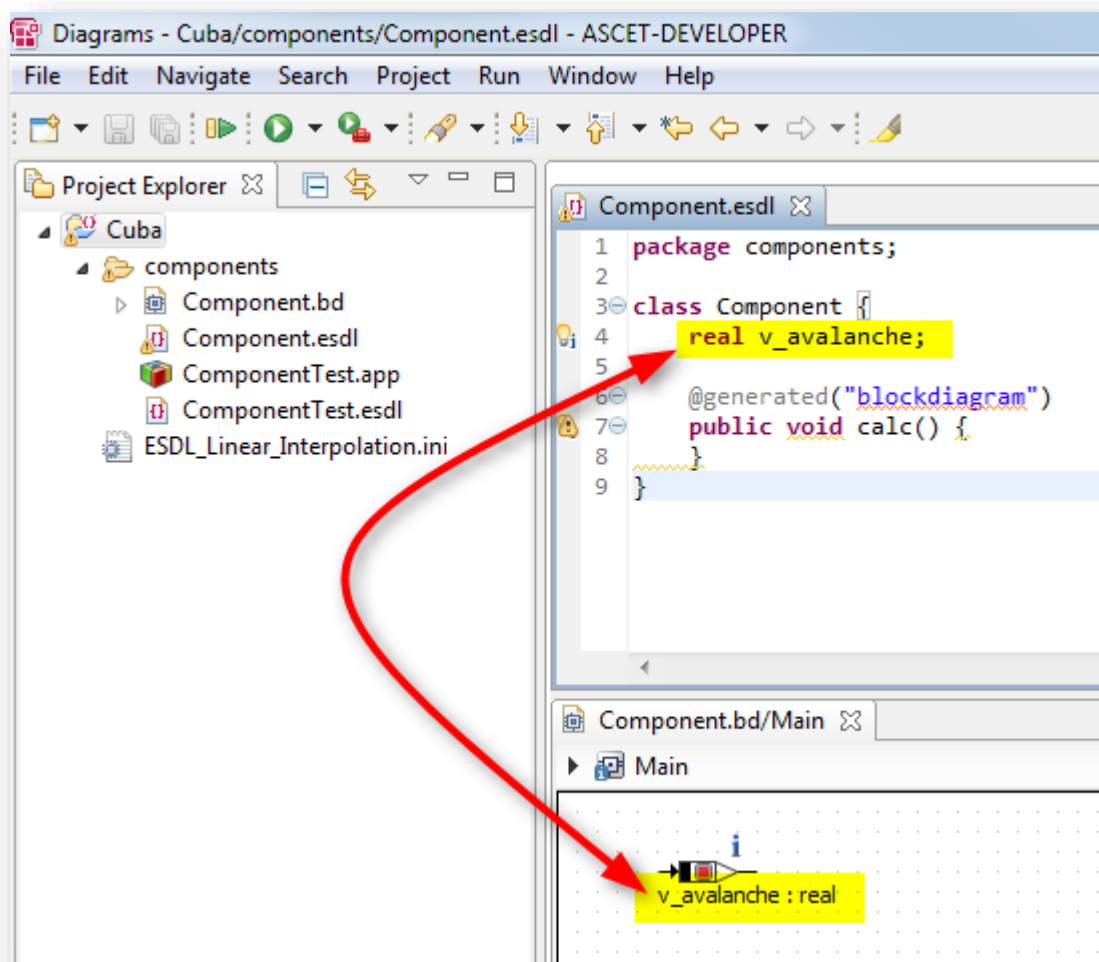# ASCET-DEVELOPER: Renaming a message (or any other component)
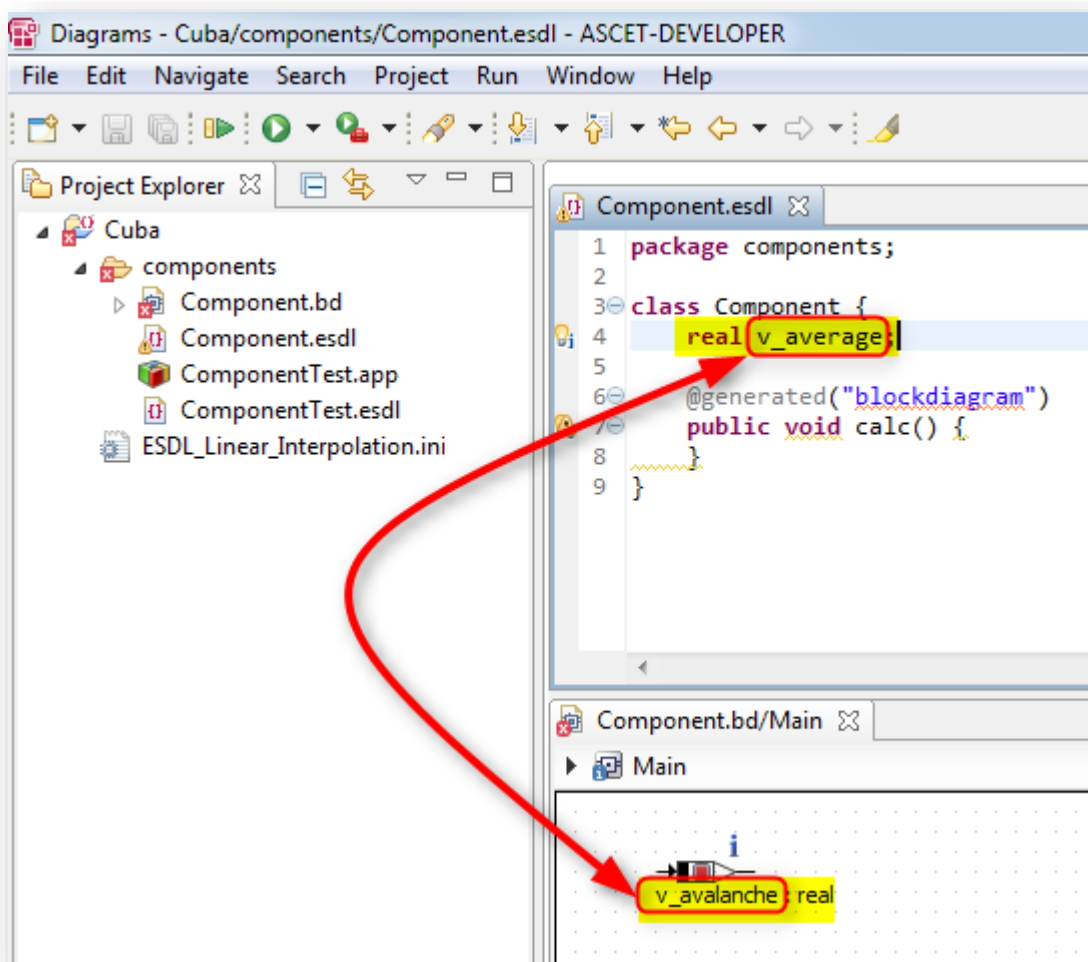
? Question

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

- o 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
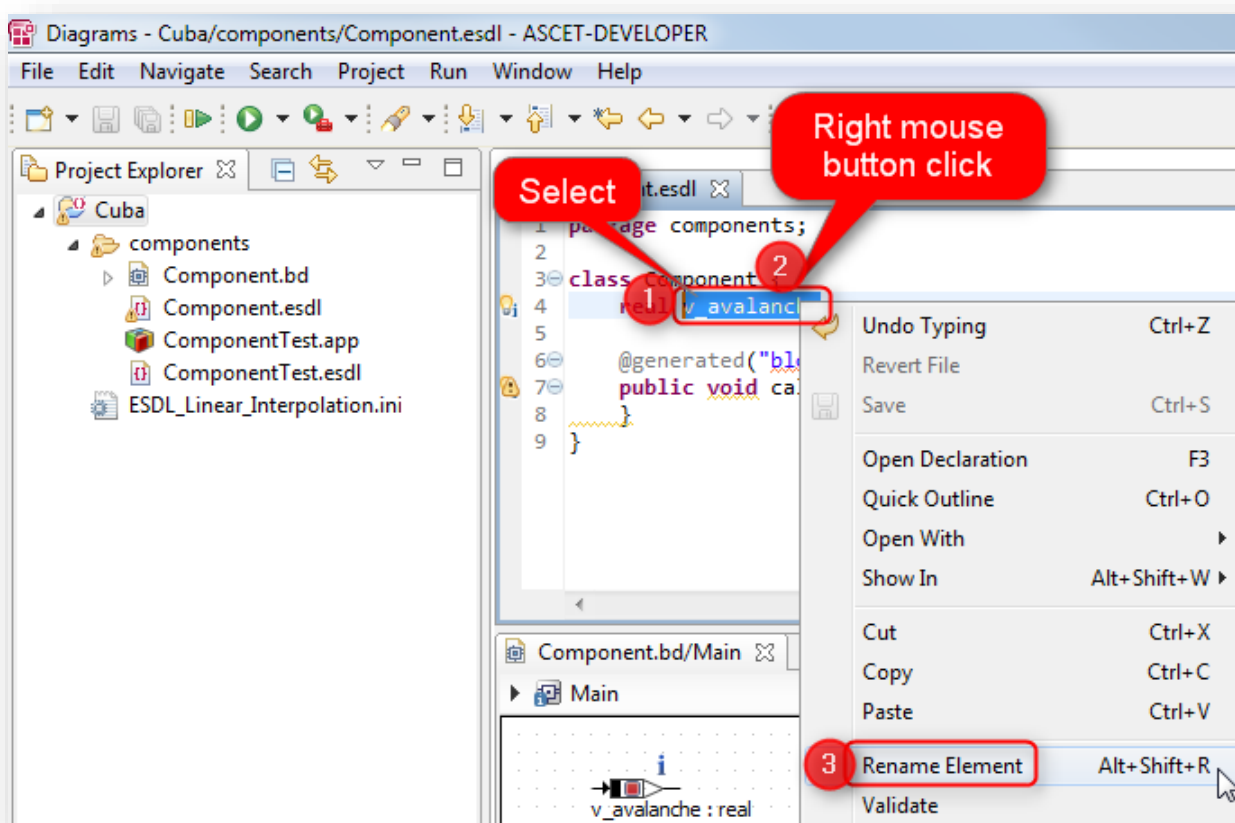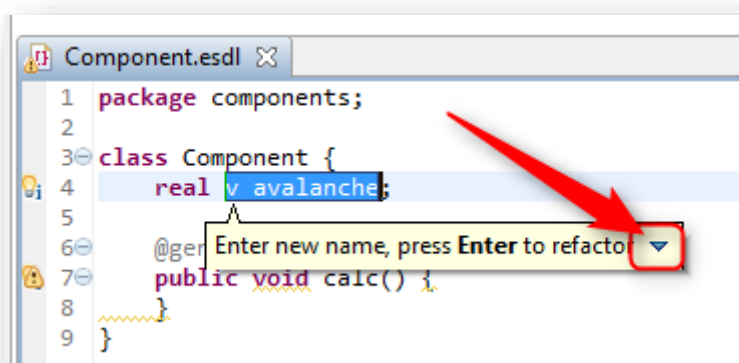
💡 Answer

- o 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
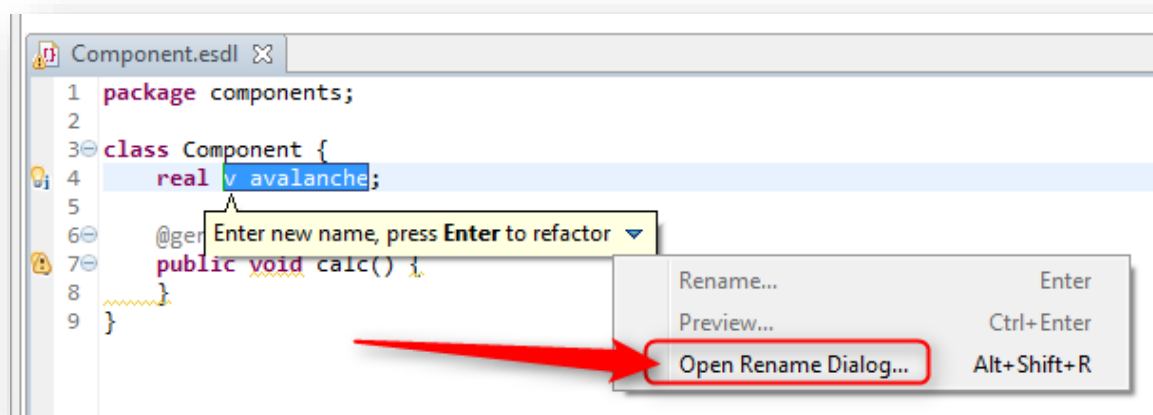
Recommended way to rename any component:

1. In ESDL file in text editor → Select the element you want to rename → Right mouse button click → **Rename Element**
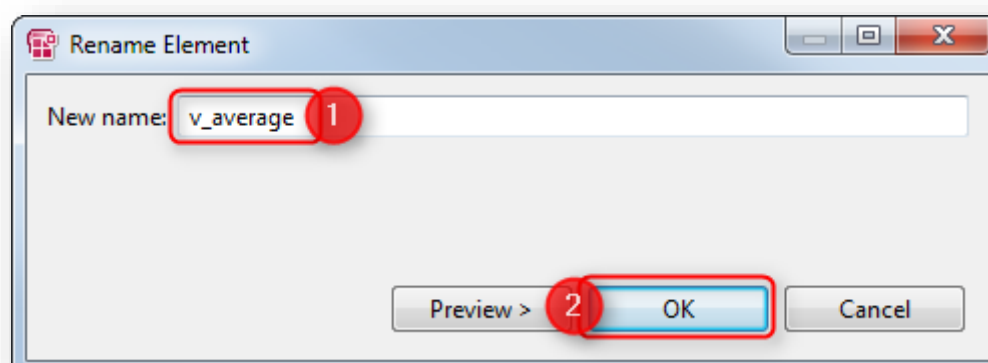
2. Click on **blue triangle** on the right side of "*Enter new name, press Enter to refactor*"
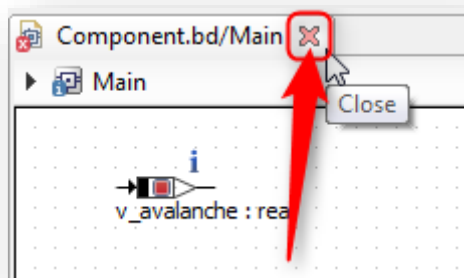

3. Click **Open Rename Dialog...**

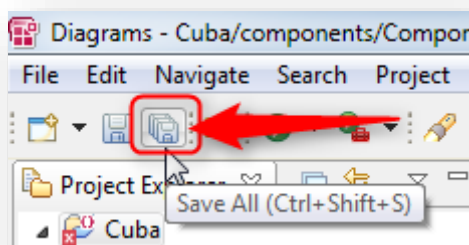4. In dialog **Rename Element**: Type new name → Click **OK** button

o   Wait until Builders and Validators are finished (see in status line at bottom right corner)
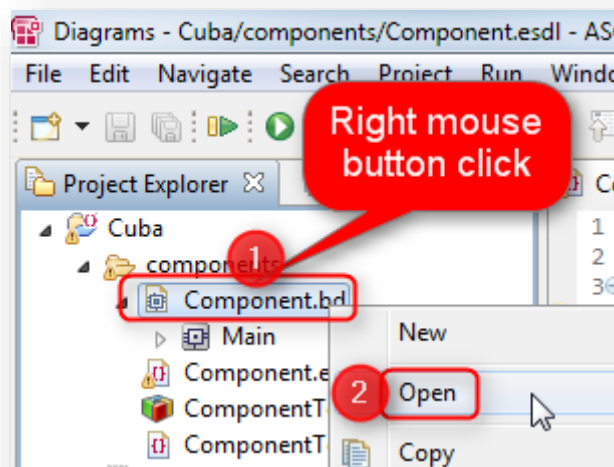
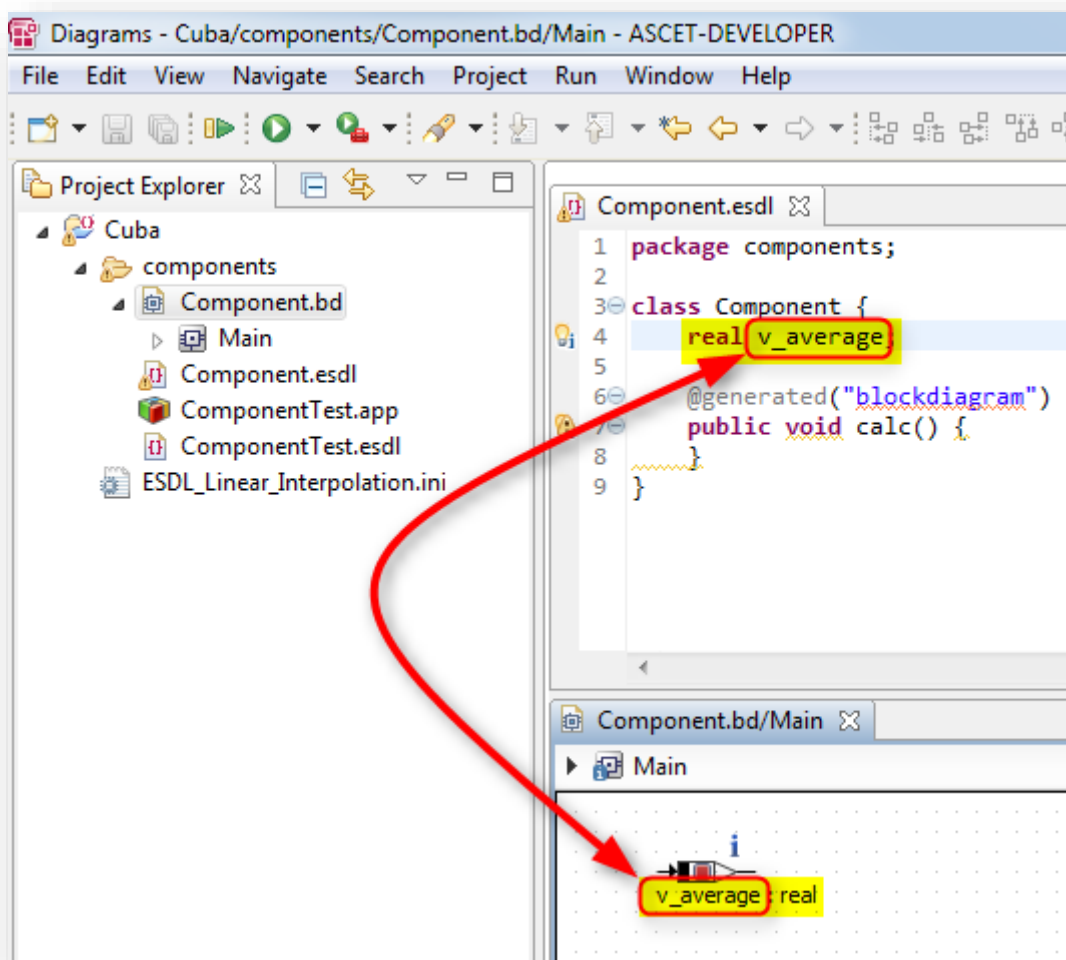5. On block diagram tab → Click red X ("**Close**") icon

6. In ASCET-DEVELOPER → Tool bar → 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

- o You will find **further FAQ articles** on the ETAS homepage: www.etas.com/en/faq
- o **Movies** corresponding to FAQ articles can be found on the ETAS YouTube channel
- 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