Subject: flag for different data structures
Posted by Michael Heil on Tue, 12 Jan 2016 11:57:02 GMT

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In Neuland we have the old Tacquila and now the new Tamex electronics. The data structrue and therefore R3BNeulandRawItem and R3BNeulandMappedItem are not the same. How can we differ between them? Can we set a flag in the macro according to the used electronics? Or is there already a feature included?

Subject: Re: flag for different data structures
Posted by Dmytro Kresan on Tue, 12 Jan 2016 14:43:38 GMT

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Hi Michael,

There is no feature included yet.

I propose a following solution. According to the UCESB interface design we will have 2 separate readers for Tacquila and Tamex. So we can have 2 different data classes, which will be stored in TClonesArray by a reader. During the next stage, the TCAL calibration task will recognise which class is stored in the array, will do a cast to proper type and handle it accordingly. So no flag in the macro is needed.

In addition, if there are 2 - 3 common data members for Tacquila and Tamex data classes - it makes sense to create a common base class.

For the moment, you can create additional data class for Tamex. Then I will modify TCAL calibration tasks. Later we will decide wether a base class is needed.

Cheers,
Dima