

Possibility of changing PseudoCounter data format

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- Motivation
- Background
- Implementation



Motivation

Compute RoIs from 1D or 2D experimental channels in PC controllers

(triggered by D. Schick)

Background

- Existing implementation of RoIs using CounterTimer or OneD controllers
- Limitation of PseudoCounter controllers:
 - output value fixed to scalar



Implementation

Customized format of output value for PseudoCounter controllers

- Definition of output format done in the controller
- Allows software operation with any input experimental channel and any output data format
- Together with extra attributes allows a general interface for the integration of RoIs in sardana

