

BornAgain - Feature #333

Envelope task # 424 (Archived): === PythonAPI ===

PythonAPI: provide conversion of eigen matrix to numpy array

22 Jul 2013 09:10 - pospelov

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|---|----------|------------------------|-------------|
| Status: | Rejected | Start date: | 22 Jul 2013 |
| Priority: | Low | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | | |
| Description | | | |
| To support new beam polarization features from python. | | | |
| So far only found this | | | |
| <ul style="list-style-type: none">• https://github.com/jorisv/Eigen3ToPython• http://code.google.com/p/ndarray/source/browse/branches/eigen3/boost.python/?r=119#boost.python%2Feigen%2Fboost%2Fpython%2Feigen | | | |
| But fortunately we don't need whole glory of eigen3 in python, it will be enough to have on the fly conversion of certain type of eigen matrix to/from numpy array (similarly as it is done for OutputData class) | | | |

History

#1 - 02 Oct 2013 14:52 - pospelov

- Description updated

- Parent task set to #424

#2 - 10 Oct 2013 16:11 - pospelov

- Priority changed from Normal to Low

#3 - 06 Nov 2013 13:38 - pospelov

- Status changed from Backlog to Rejected

Lets drop this issue. For the moment we are able to read polarized output data from python, no need to try to bind such big thing as Eigen. Later we can provide additional import/export of eigen matrices into numpy array if needed.