

## BornAgain - Feature #18

### Friendlification of OutputData class

08 May 2012 16:57 - pospelov

<b>Status:</b> Archived	<b>Start date:</b> 08 May 2012
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> pospelov	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> Sprint 2	

**Description**

It would be nice to hide axis&index business of OutputData structure (still but being able to use it) and have something like

```
OutputData&lt;FresnelCoeff_t &gt; *myOutput = new OutputData&lt;FresnelCoeff_t&gt;;
myOutput->addAxis("alpha",0.0,180.0,10);
myOutput->addAxis("index",0,1,2);
myOutput->rewind();
while(myOutput.next()) {
    double alpha = output->getAxis(0)->currentValue();
    int index = output->getAxis(1)->currentValue();

    FresnelCoeff_t coeff = output->currentValue();
}
```

```
myOutput.reset(); // to clear structure from data
myOutput.clear(); // to clear structure from data and axes
```

#### History

**#1 - 10 May 2012 17:32 - herck**

- Description updated
- Status changed from Backlog to Sprint

**#2 - 10 May 2012 17:32 - herck**

- Status changed from Sprint to Resolved

**#3 - 10 May 2012 17:32 - herck**

- Assignee changed from herck to pospelov

**#4 - 25 May 2012 16:16 - pospelov**

- Status changed from Resolved to Archived

**#5 - 31 May 2012 16:23 - herck**

- Target version set to Sprint 2