Subject: problem with dev-branch NeuLAND digitizer
Posted by C. A. Douma on Tue, 22 Mar 2016 09:16:51 GMT
View Forum Message <> Reply to Message

Dear Mr. Kresan,

The NeuLAND digitizer from the dev-branch does no longer work. With the master-branch digitizer I never had any problems. Can you help me?

Christiaan.

File Attachments
1) DigiLog.txt, downloaded 557 times

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by Dmytro Kresan on Tue, 22 Mar 2016 09:31:52 GMT
View Forum Message <> Reply to Message

If you use NeulandDigitizer (the new one), you also need to use the corresponding Neuland detector class in the simulation: R3BNeuland (instead of R3BLand).

Cheers,
Dima

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by C. A. Douma on Tue, 22 Mar 2016 10:52:35 GMT
View Forum Message <> Reply to Message

Is this the NeuLAND class located in ${VMCWORKDIR}/neuland/ ?
Will this class also work with the clusterfinder, neutroncalibr2D and neutrontracker? I do not see those files in ${VMCWORKDIR}/neuland/

Christiaan.

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by Dmytro Kresan on Tue, 22 Mar 2016 11:06:19 GMT
View Forum Message <> Reply to Message

C. A. Douma wrote on Tue, 22 March 2016 11:52Is this the NeuLAND class located in ${VMCWORKDIR}/neuland/ ?

Yes.

C. A. Douma wrote on Tue, 22 March 2016 11:52Will this class also work with the clusterfinder, neutroncalibr2D and neutrontracker? I do not see those files in ${VMCWORKDIR}/neuland/

I did not try it myself, so I do not know.

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by C. A. Douma on Tue, 22 Mar 2016 11:48:41 GMT
View Forum Message <> Reply to Message

Is there also a way I could make the NeuLAND digitizer work for LandPoints?

I was thinking about modifying R3BNeuLandDigitizer.cxx on line 74.

Christiaan.

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by Dmytro Kresan on Tue, 22 Mar 2016 11:52:36 GMT
View Forum Message <> Reply to Message

Yes, this should solve the problem.

Dima

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by Jan Mayer on Tue, 22 Mar 2016 17:11:58 GMT
View Forum Message <> Reply to Message

Hello,

I have added compatibility for "LandPoint" to the NeulandDigitizer, see the Pull Request.
Note that at some point in the future the data type of NeulandPoints might (or might not) change, in this case the compatibility will fail.

Sorry for the inconvenience,
Jan

Subject: Re: problem with dev-branch NeuLAND digitizer
Posted by C. A. Douma on Tue, 22 Mar 2016 19:36:49 GMT
View Forum Message <> Reply to Message

Thank you. I will try it out tomorrow.

Christiaan.
