LArSoft - Feature #15448

packaging NuWro

02/02/2017 02:43 PM - Katherine Lato

Status:	Closed		**Start date:**	02/02/2017
Priority:	Normal		**Due date:**	
Assignee:	Lynn Garren		**% Done:**	100%
Category:			**Estimated time:**	8.00 hours
Target version:			**Spent time:**	8.00 hours
Experiment:	-		**Co-Assignees:**	
Description				
Have a request to package NuWro as a UPS product.				

History

#1 - 02/02/2017 02:46 PM - Lynn Garren

- Status changed from New to Assigned

- Assignee set to Lynn Garren

- Estimated time set to 8.00 h

#2 - 02/02/2017 07:16 PM - Lynn Garren

- Status changed from Assigned to Resolved

Initial investigation, which included an email exchange with Tingjun.

#3 - 02/02/2017 07:29 PM - Lynn Garren

- % Done changed from 0 to 100

NuWro can be found on github: https://github.com/NuWro

The latest tag is nuwro_17.01, which I have made into the ups product nuwro v17_01.
A build is available for SLF6 on /grid/fermiapp/products/larsoft

```
"nuwro" "v17_01" "Linux64bit+2.6-2.12" "e10:prof" ""
"nuwro" "v17_01" "Linux64bit+2.6-2.12" "debug:e10" ""
```

Please see $NUWRO_DIR/example. To run:

- create an empty directory
- cp $NUWRO_DIR/example/* to this new directory
- ./run_nuwro.sh
  Note that at present symbolic links are needed to find the data files and the root pcm file.

Also note that you will get many pythia warnings of this type:

```
Error type 4 has occured after  1882680 PYEXEC calls:
    (PYSTRF:) caught in infinite loop
```

NuWro is under active development and it appears that they are improving it for a wider audience.

#4 - 02/13/2017 12:55 PM - Lynn Garren

- Status changed from Resolved to Closed