

ANNIE - Task #15475

Remove v2data runs converted to v5data

02/06/2017 05:39 PM - Arthur Kreymer

Status:	Resolved	Start date:	02/06/2017
Priority:	High	Due date:	02/10/2017
Assignee:	Arthur Kreymer	% Done:	100%
Category:		Estimated time:	3.00 hours
Target version:		Spent time:	2.31 hours
Description			
As agreed in Ops meetins, v2data runs which exist in v5data can be removed from /pnfs/annie/persistent. They remain in /pnfs/annie/raw, for an archive.			
This needs to be done soon, persistent usage is over 90%. That is unhealthy, and even worse if the disk fills.			

History

#1 - 02/06/2017 05:54 PM - Arthur Kreymer

- % Done changed from 10 to 50

- Estimated time changed from 2.00 h to 3.00 h

I scanned v3 vs v5 files, using an archiver/v3inv5 script on annie01.

This counts files over 1 MB, and tries to match file names, changing V5D to V3D under v5data, and changing T1 to 1 under v3data.

Only 3 runs have matching files, 0248 0249 0250

I have run the transient script on those areas :

```
RUNS='0248 0249 0250'
```

```
for RUN in ${RUNS} ; do ./transient v3data ${RUN} ; done
```

That looked ok, so ran the removal :

```
for RUN in ${RUNS} ; do ./transient v3data ${RUN} do ; done
```

See archiver/transient.log

Two runs seem to be partly converted.

v3inv5 shows file counts, net size in MBytes, and prints MATCH if file names match.

```
$ ./v3inv5
```

```
0248 607 files
```

```
302854 /pnfs/annie/persistent/raw/v3data/0248
```

```
331086 /pnfs/annie/persistent/raw/v5data/0248 MATCH
```

```
0249 706 files
```

```
352933 /pnfs/annie/persistent/raw/v3data/0249
```

```
386013 /pnfs/annie/persistent/raw/v5data/0249 MATCH
```

```
0250 786 files
```

```
394547 /pnfs/annie/persistent/raw/v3data/0250
```

```
431494 /pnfs/annie/persistent/raw/v5data/0250 MATCH
```

```
0251 count mismatch 981 979
```

```
0252 count mismatch 518 330
```

```
...
```

#2 - 02/06/2017 05:55 PM - Arthur Kreymer

This freed only about 1 TB. We need several more.

I will probably have to proceed with the originally planned removal from persistent of RawData files through run 247, as previously discussed. This could free up 22 TB.

I will open a separate issue for that.

#3 - 08/31/2017 08:35 AM - Arthur Kreymer

- *Status changed from Assigned to Resolved*

Resolved Feb 2017.

#4 - 08/31/2017 08:39 AM - Arthur Kreymer

- *% Done changed from 50 to 100*