

## MINOS - Feature #8304

### FTS for use with Roundup

04/12/2015 07:30 PM - Arthur Kreymer

<b>Status:</b>	Accepted	<b>Start date:</b>	04/12/2015
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Arthur Kreymer	<b>% Done:</b>	70%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Configure FTS for use with Roundup.			
Document in <a href="https://cdcvs.fnal.gov/redmine/projects/minos/wiki/FTS">https://cdcvs.fnal.gov/redmine/projects/minos/wiki/FTS</a>			

### History

#### #1 - 04/14/2015 04:20 PM - Arthur Kreymer

Sunday 04/12 configured to write to /pnfs/minos/scratch

```
filetypes = test_files nearsntp
```

```
[filetype nearsntp]
```

```
scan-dirs = /minos/data/minfarm/ftsnearc
```

```
scan-interval = 600
```

```
scan-delay = 1
```

```
scan-file-patterns = *sntp*root
```

```
scan-exclude-file-patterns = *.json
```

```
extract-metadata = False
```

```
#transfer-to = enstore:/pnfs/minos/scratch/users/minospro/ftstest/reco_near/dogwood0/sntp_data/
```

```
transfer-to = enstore:/pnfs/minos/scratch/users/minospro/ftstest
```

#### #2 - 04/14/2015 04:21 PM - Arthur Kreymer

The first file has been written !

Date: Tue, 14 Apr 2015 14:53:51 -0500

From: Michael Gheith <[mgheith@fnal.gov](mailto:mgheith@fnal.gov)>

To: Arthur E Kreymer <[kreymer@fnal.gov](mailto:kreymer@fnal.gov)>

Subject: RE: MINOS FTS

I think you should be OK now Arthur.

Mike D. found a typo in the sam\_cp.cfg file which was causing the correct proxy from being set.

#### #3 - 06/12/2015 05:54 PM - Arthur Kreymer

- Status changed from Assigned to Accepted

- % Done changed from 0 to 70

This is tested now generating the path automatically,

```
minospro@minossamgpvm01
```

fake script moves and renames/redeclared a file from

```
OP=/pnfs/minos/reco_near/elm4/sntp_data/2015-03
```

```
to
```

```
NP=/minos/data/minfarm/ftsnearc
```

```
and archive to
```

```
PO=/pnfs/minos/scratch/users/minospro/ftstest
```

See logs in

```
FTSL=/minos/app/home/minospro/FTS/minossamgpvm01.fnal.gov/fts_logs
```

```
SCL=/minos/app/home/minospro/FTS/minossamgpvm01.fnal.gov/fts_logs/sam_cp.log
```

```
source /grid/fermiapp/products/common/etc/setups.sh
```

```
setup sam_web_client  
export SAM_EXPERIMENT=minos
```

```
export X509_USER_PROXY=/var/tmp/minossamgpvm01.fnal.gov_fts_proxy
```

```
cd ${HOME}/FTS/minossamgpvm01.fnal.gov
```

```
./stop  
OFILE=N00061107_0000.spill.sntp.elm4.0.root  
./start
```

```
ls -lR $PO  
less ${FTSL}/fts.2015-06-11.log
```

This all works, next step to to write somewhere backed by tape,  
and be sure the cleanup works appropriately.

#### **#4 - 06/23/2015 10:05 AM - Arthur Kreymer**

Writing to tape as been tested.

Tested to dogwood0 cand, so the tape can easily be recycled.

```
transfer-to = enstore:/pnfs/minos/reco_near/${app_version}/cand_data/${year}-${month}/
```

Found up to 5 copies running at once, counterproductive  
This is limited by CPN locks during this test.  
Looking for a way to limit this when going through this host.