

# svac online updates 20050629

## From Anders:

We have another request to the CCB. Because of large LDF file sizes some runs time out in the batch queue for the online task (in ldf2fits). More details in JIRA <http://jira.slac.stanford.edu/browse/OSYS-27>. We have a new tag than changes the queue from short to long: online v2r2p0

This tag also has a fix for logic bug in the wrapper script (still JIRA OSYS-27). The check to see if '\$rc' has been defined has been moved out so that we only use it in case it actually has been defined.

We are planning to switch to a new pipeline tomorrow for the EngineeringModelRoot fix and would like to do this change at the same time.

## From Jim Panetta:

There's a new online pipeline tag containing the following fixes:

- 1) Check of value of \$rc in wrapper fails with !defined error  
Reorder if statement, checking for defined(\$rc)
- 2) Move running of ldf2fits job to long queue from short queue.  
Several long ldf2fits jobs have failed for mysterious reasons, LSF not saying anything about the failure. Investigation showed that the slac normalized CPU time for these failed jobs was almost exactly 20 minutes, indicating that LSF probably terminated them.

This tag is V02-02-00, or v2r2p0, depending on naming conventions. Anders or Warren will install the new tag by:

- a) cvs update -r V02-02-00 in the onlinePipeline area
- b) uploading the online-v2r2p0.xml file from the above area

## From Warren:

The change to the wrappers (16 of mine, 1 of Jim's) consists of replacing:

```
-----  
my $rc = $ex->execute();  
  
if ($rc == 0) {  
#terminated successfully:  
exit(0);  
} elsif ( defined($rc) ) {  
#your app failed, interpret return code  
#and then exit non-zero  
  
#(do some stuff here if you want)  
exit($rc);  
} else {  
-----
```

with:

```
-----  
my $rc = $ex->execute();  
  
if ( defined($rc) ) {  
if ( $rc == 0 )  
Unknown macro: { #terminated successfully exit(0); }  
  
else  
Unknown macro: { #your app failed, interpret return code #and then exit non-zero #(do some stuff here if you want) exit($rc); }  
} else {  
-----
```

SVAC tasks will be v3r1p23.

## Code Versions

Engineering Model (sim/recon) [v5r0608p2](#)

System Tests for this [version](#) 🌱

System Tests [Result](#) 🌱

FRED version

[0.98](#) 🌱

Pipeline tag

v1r0p2

**GRITS tag (web browsing and task configuration)**

glast-ground v0r3p7  
grits-gino-web version 0.55 (v0r5p5)  
grits-gino version 0.95 (v0r9p5)  
grits-gino-xml version 1.42 (v1r4p2)  
grits-common version 0.32 (v0r3p2)

**online/svac (task defs, scripts):**

pipeline tasks:

online: v2r2p0 **\*\*changed\*\***

svac pipeline code and tasks:

code/tasks v3r1p23 **\*\*changed\*\***

ISOC code and tasks:

v0r5p0

Apps that run in pipeline:

eLog: v2r2p6  
ConfigTables: v3r1p4  
TestReport: v3r2p7 (digi & recon reports)  
EngineeringModelRoot: v1r3p19(SVAC tuple)