

# My Status This Week

C. Calancha  
Asian Physics/Software Meeting

June 26, 2015

## ilcdircac

- status
  - Completed Felix request (several nnh processes at 350 GeV )
  - Working on Junping request (6f 500 GeV )
    - All event types running on the GRID but ttbar (ttbar still being generated by Junping with whizad)
    - We restarted several jobs close to end because a emergency shutdown on several kekcc nodes :-(

## Software

- Became svn developer of MarlinReco package.
  - Comint covariance matrix for charged particles.
  - It will be available for next release.

# 6f @ 500 GeV Production

python: “lisp, I think this is the beginning of a beautiful friendship”

- I need `python` to run the productions
  - `ilcdirac` is written in `python`
  - My arsenal of scripts to manage productions not enough :-)
- I efficiently use `lisp` in my system to do my usual stuff.
- Making both languages working together sounds as a good thing.

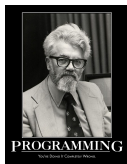


- Felix request completed (nnh @ 350 GeV ).
- 6f @ 500 GeV in excellent progress.
  - ttbar need to wait because generation whizard jobs still running.
- Significantly improved my skills managing these productions (\*).

\* Further details in the backup slides.



“I am better script language than you”



# Weak Languages! I will Destroy them



```
[calancha@ccw02 stdhep]$ /bin/ls
eeMM 11MM vvMM xxMM xxxzZ yyyzZ
[calancha@ccw02 stdhep]$ find -name "*stdhep" | wc -l
216
[calancha@ccw02 stdhep]$ # total number events to simulate/reconstruct: 3327041
[calancha@ccw02 stdhep]$ # first: carefully collect the metadata for each process
[calancha@ccw02 stdhep]$ # t1bar still not ready: generator (whizard) still running
[calancha@ccw02 stdhep]$ # too hard for one hero alone: what about 2 warriors working together? :-)
[calancha@ccw02 stdhep]$ # (or even more, much fun)

---UUU:*M--F1 new-6F-500gev All L9 (Shell:run)---
```



# We Need To Join Efforts To Defeat Him



C. Calancha (KEK)



Status



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```
File Edit Options Buffers Tools Lisp-Interaction Help
python /gpfs/home/ilc/calancha/dirac_v22r2p2/private_scripts/impl/dirac-calancha-set-metadata.py -h

Set metadata for one catalog file
Usage:
  dirac-calancha-set-metadata [option|cfgfile] ... LFN Meta
Arguments:
  LFN:      Logical File Name
  Meta:     Metadata dictionary to add

General options:
  -o --option <value>      : Option=value to add
  -s --section <value>    : Set base section for relative parsed options
  -c --cert <value>       : Use server certificate to connect to Core Services
  -d --debug               : Set debug mode (-dd is extra debug)
  -h --help                : Shows this help

Process dirac finished

#####
To run the script:
(ilcdirac-call-script "dirac-calancha-set-metadata" (list LFN Meta))
#####

-:*** *dirac-calancha-set-metadata* All L22 [(Lisp Interaction)]
```



# I Feel The Power Now! Take This Monster!



Completed\* - ILD-...  
https://voicdracweb.cern.ch/DIRAC/ILC-Production/icc\_prod/jobs/ProductionMonitor/display

System Jobs Data Views Tools **Report a Problem** Selected setup: ILC-Production

ProductionMonitor

Select All Select None

ID	Status	AgentT...	Type	Name	Files	Processed(N)	Created	Total Created	Submitted	Waiting	Running	Start	Stop	Plach	Complete	Clear
Group: ILD-DBO_of_xxxx2_500.0																
<input type="checkbox"/>	5025	Corpl...	Manual	MCReconstr...	108524_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5032	Corpl...	Manual	MCReconstr...	108525_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5029	Corpl...	Manual	MCReconstr...	108522_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5027	Corpl...	Manual	MCReconstr...	108526_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5019	Corpl...	Manual	MCSimulation	108524_500.0...	20	100.0	0	25	0	0	20	0	0	0	
<input type="checkbox"/>	5018	Corpl...	Manual	MCSimulation	108525_500.0...	20	100.0	0	25	0	0	20	0	0	0	
<input type="checkbox"/>	5017	Corpl...	Manual	MCSimulation	108525_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5016	Corpl...	Manual	MCSimulation	108530_500.0...	20	100.0	0	29	0	0	20	0	0	0	
<input type="checkbox"/>	5025	Corpl...	Manual	MCSimulation	108533_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5014	Corpl...	Manual	MCSimulation	108531_500.0...	20	100.0	0	25	0	0	20	0	0	0	
<input type="checkbox"/>	5013	Corpl...	Manual	MCSimulation	108528_500.0...	20	100.0	0	23	0	0	20	0	0	0	
<input type="checkbox"/>	5012	Corpl...	Manual	MCSimulation	108523_500.0...	20	100.0	0	20	0	0	20	0	0	0	
<input type="checkbox"/>	5011	Corpl...	Manual	MCSimulation	108532_500.0...	20	100.0	0	24	0	0	20	0	0	0	
<input type="checkbox"/>	5010	Corpl...	Manual	Split	108529_500.0...	1	100.0	0	4	0	0	1	0	0	0	
<input type="checkbox"/>	5009	Corpl...	Manual	Split	108526_500.0...	1	100.0	0	2	0	0	1	0	0	0	
<input type="checkbox"/>	5008	Corpl...	Manual	Split	108527_500.0...	1	100.0	0	2	0	0	1	0	0	0	
<input type="checkbox"/>	5007	Corpl...	Manual	Split	108525_500.0...	1	100.0	0	1	0	0	1	0	0	0	
<input type="checkbox"/>	5006	Corpl...	Manual	Split	108534_500.0...	1	100.0	0	3	0	0	1	0	0	0	
<input type="checkbox"/>	5005	Corpl...	Manual	Split	108528_500.0...	1	100.0	0	2	0	0	1	0	0	0	
<input type="checkbox"/>	5004	Corpl...	Manual	Split	108530_500.0...	1	100.0	0	2	0	0	1	0	0	0	

Submit Cancel

# Guys, We Are Doing A Very Good Job Together

