

How to reach the new files?

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Status

- ▶ All non-tau files, including the new sample for $M_h = 2000$ GeV, have been copied here at Desy.
- ▶ Tau sample should be currently being reproduced. Waiting for news from Tim. If time expectation too long, maybe ask for the old tau sample meanwhile.
- ▶ The people interested in having some processes simulated, should please prepare a text files with:

File Name Number of events

desired.

Ex.:

```
w12152_02.stdhep 10000  
w12169_02.stdhep 200000
```

- ▶ Please, not a list with the processes but with the file names.

List of the files available - 1

<http://www-flc.desy.de/simulation/databaseinput> Select Tag = Slac_SM

International Linear Collider Generator Files Database

[Search Database](#) [Browse Database](#)

Search Database

PARAMETER	INPUT	EXAMPLE
ProcessID:		w05323
Tag:	slac_sm	OLC_database, Test_SinglePar,... TAGS SUMMARY
Process:		e ⁺ e ⁻ → nlnlh, ...
Center of Mass Energy [GeV]:		1000, 500, ...
Cross Section[fb-1]		Searches for cross sections not inferior to the input value
Em Polarisation [±1.0/0.0]:		0,1,-1
Ep Polarisation [±1.0/0.0]:		0,1,-1

Search

The search is case insensitive.

• **Location.** Please note that the two paths on the storage element:

/pnfs/desy.de/ilc and /pnfs/desy.de/flc

are identical. The directories can be made visible to desktops and wgs by (as 'root'):

```
■ mkdir -p /pnfs/desy.de/flc
```

Done

List of the files available - 2

International Linear Collider Generator Files Database

List of events files matching your query.

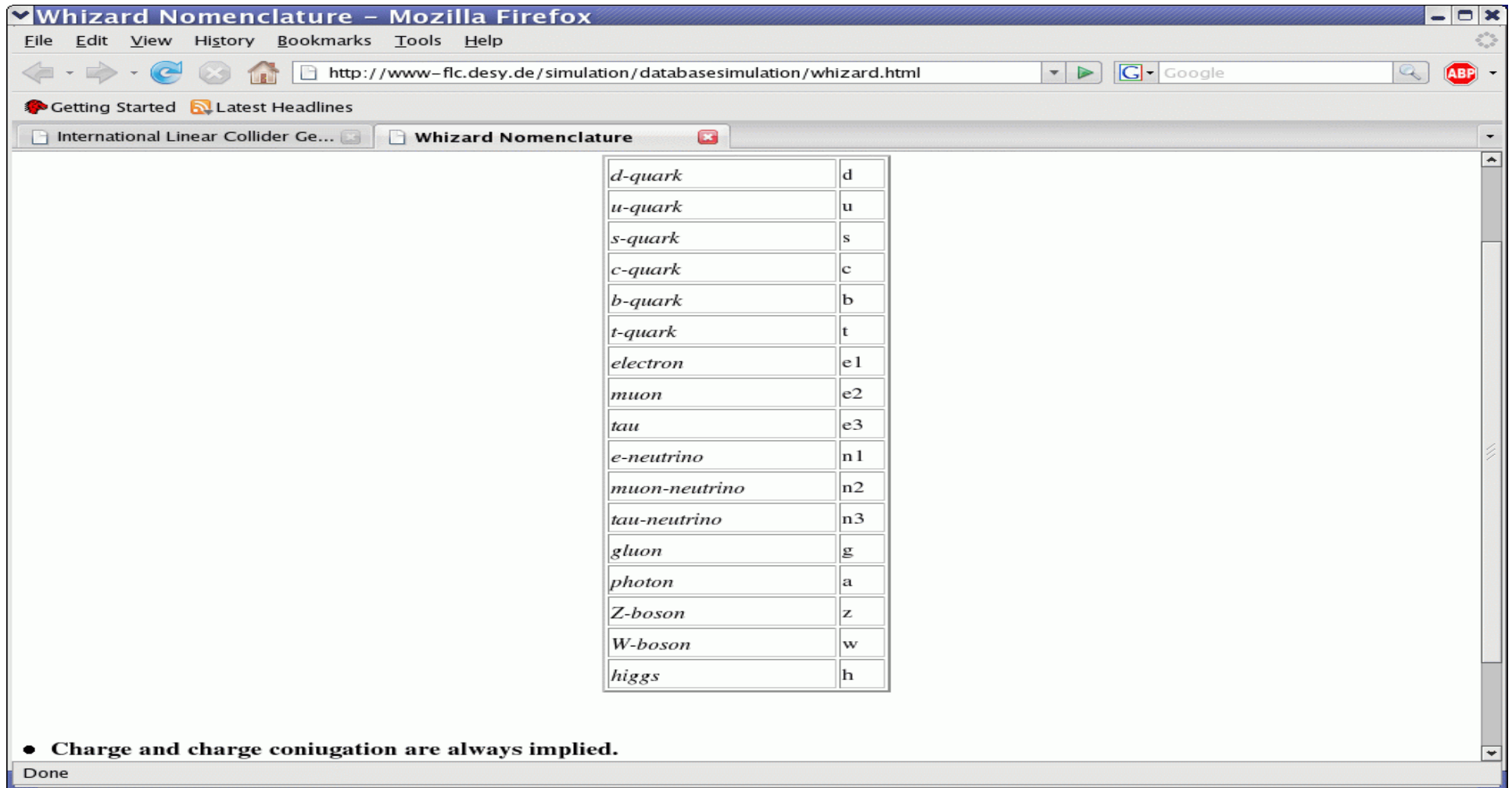
Information might be incomplete for test files.

Process ID	Process	CM Energy [GeV]	Tag	Electron polarisation	Positron Polarisation	Cross Section
w11715	aa	500	Slac_SM	-1.0	1.0	12998.3
w11716	aa	500	Slac_SM	1.0	-1.0	12991.2
w11719	aaa	500	Slac_SM	-1.0	1.0	2158.0
w11720	aaa	500	Slac_SM	1.0	-1.0	2159.4
w11723	aaaa	500	Slac_SM_empty	-1.0	1.0	194.1

Done

Process nomenclature

<http://www-flc.desy.de/simulation/databasesimulation/whizard.html>



Whizard Nomenclature – Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www-flc.desy.de/simulation/databasesimulation/whizard.html

Getting Started Latest Headlines

International Linear Collider Ge... Whizard Nomenclature

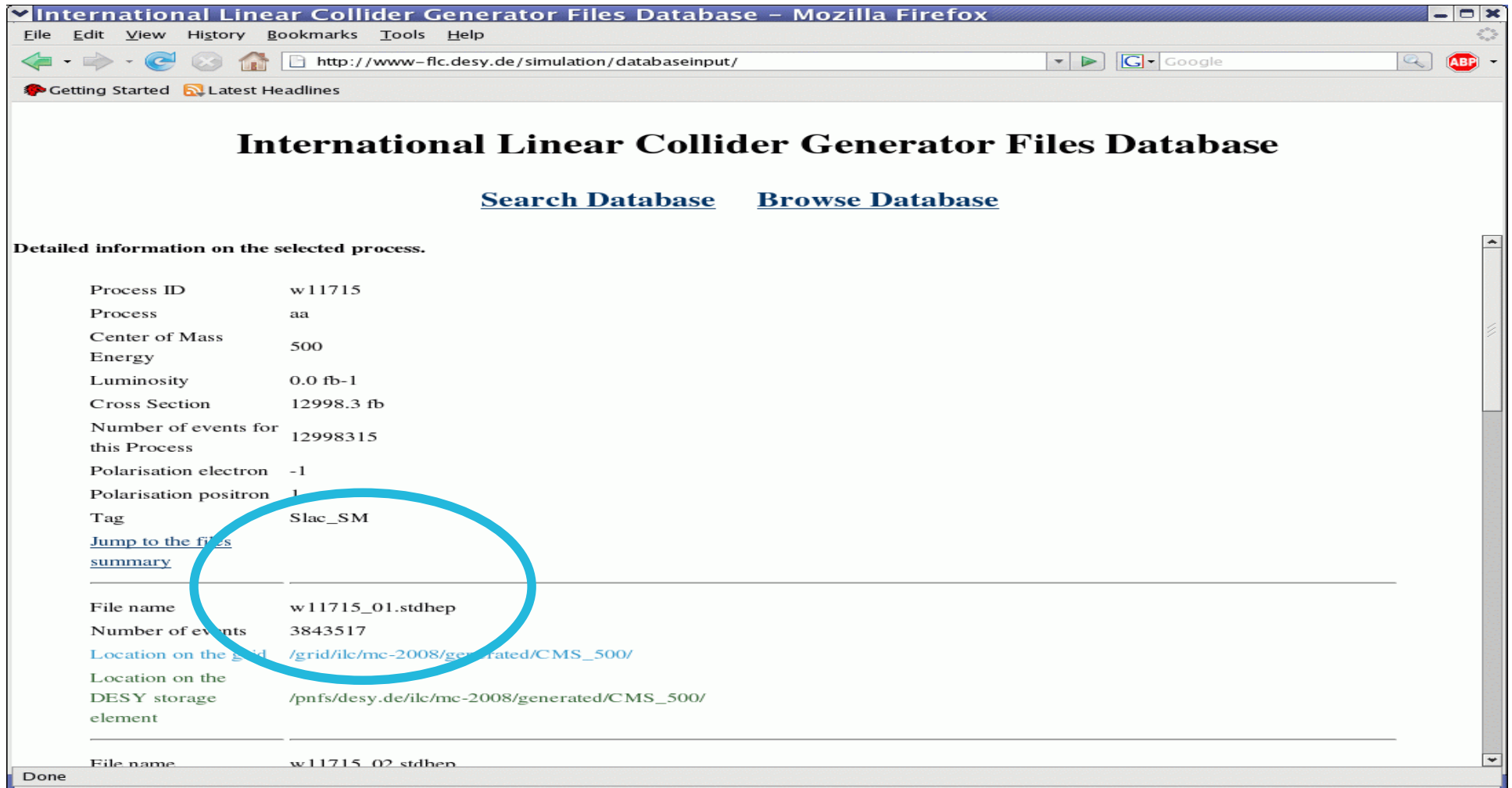
<i>d-quark</i>	d
<i>u-quark</i>	u
<i>s-quark</i>	s
<i>c-quark</i>	c
<i>b-quark</i>	b
<i>t-quark</i>	t
<i>electron</i>	e1
<i>muon</i>	e2
<i>tau</i>	e3
<i>e-neutrino</i>	n1
<i>muon-neutrino</i>	n2
<i>tau-neutrino</i>	n3
<i>gluon</i>	g
<i>photon</i>	a
<i>Z-boson</i>	z
<i>W-boson</i>	w
<i>higgs</i>	h

● Charge and charge conjugation are always implied.

Done

Details for a chosen process

List of all the files for the chosen process with number of events.



The screenshot shows a web browser window titled "International Linear Collider Generator Files Database - Mozilla Firefox". The address bar shows the URL "http://www-iloc.desy.de/simulation/databaseinput/". The page content includes a search bar and a list of database entries. The selected process details are as follows:

Detailed information on the selected process.	
Process ID	w11715
Process	aa
Center of Mass	500
Energy	
Luminosity	0.0 fb-1
Cross Section	12998.3 fb
Number of events for this Process	12998315
Polarisation electron	-1
Polarisation positron	1
Tag	Slac_SM
Jump to the files summary	
File name	w11715_01.stdhep
Number of events	3843517
Location on the grid	/grid/ilc/mc-2008/generated/CMS_500/
Location on the DESY storage element	/pnfs/desy.de/ilc/mc-2008/generated/CMS_500/
File name	w11715_02.stdhep

The "Tag" field "Slac_SM" is circled in blue. The browser status bar at the bottom shows "Done".

Currently problems with the dcache preload

The script to check the files and update the real number of events in the database running extremely slowly. Some files have not been checked yet.

International Linear Collider Generator Files Database						
		Search Database	Browse Database			
w11716	aa	500	Slac_SM	1.0	-1.0	12991.2
w11719	aaa	500	Slac_SM	-1.0	1.0	2158.0
w11720	aaa	500	Slac_SM	1.0	-1.0	2159.4
w11723	aaaa	500	Slac_SM_empty	-1.0	1.0	194.1
w11724	aaaa	500	Slac_SM_empty	1.0	-1.0	194.2
w11730	ela_ela	500	Slac_SM	1.0	0.0	413259.0
w11731	ela_ela	500	Slac_SM	-1.0	0.0	449487.0
w11732	ela_ela	500	Slac_SM	1.0	0.0	413168.0
w11733	ela_ela	500	Slac_SM	1.0	0.0	449854.0

Temporary alternative

Got to Tim's page with the same list of files.

ftp://ftp-lcd.slac.stanford.edu/ilc/whizdata/ILC500/valid_stdhep_files

The same list is currently available. Real number of events in the files might be a little bit different sometimes. Same nomenclature for the processes (ignore the `_o`).

The screenshot shows a Mozilla Firefox browser window displaying a list of files and their corresponding process names. The browser address bar shows the FTP URL: `ftp://ftp-lcd.slac.stanford.edu/ilc/whizdata/ILC500/valid_stdhep_files`. The page content is a table with columns for file names, event counts, and process names. Two arrows point from the text `e+ pol` and `e- pol` to specific rows in the table.

w11776_01.stdhep	186348	uu_o	1	-1
w11776_02.stdhep	186348	uu_o	1	-1
w11776_03.stdhep	186348	uu_o	1	-1
w11776_04.stdhep	186348	uu_o	1	-1
w11776_05.stdhep	186348	uu_o	1	-1
w11775_01.stdhep	174381	uu_o	-1	1
w11775_02.stdhep	174381	uu_o	-1	1
w11775_03.stdhep	174381	uu_o	-1	1
w11775_04.stdhep	174381	uu_o	-1	1
w11775_05.stdhep	174381	uu_o	-1	1
w11780_01.stdhep	174530	cc_o	1	-1
w11780_02.stdhep	174530	cc_o	1	-1
w11780_03.stdhep	174530	cc_o	1	-1
w11780_04.stdhep	174530	cc_o	1	-1
w11780_05.stdhep	174530	cc_o	1	-1
w11779_01.stdhep	164170	cc_o	-1	1
w11779_02.stdhep	164170	cc_o	-1	1
w11779_03.stdhep	164170	cc_o	-1	1
w11779_04.stdhep	164170	cc_o	-1	1
w11779_05.stdhep	164171	cc_o	-1	1
w11785_01.stdhep	3805079	e1e1_o	1	1
w11785_02.stdhep	3805079	e1e1_o	1	1
w11785_03.stdhep	1991093	e1e1_o	1	1
w11785_04.stdhep	3805080	e1e1_o	1	1
w11785_05.stdhep	3805080	e1e1_o	1	1
w11784_01.stdhep	3805080	e1e1_o	1	-1
w11784_02.stdhep	3805080	e1e1_o	1	-1
w11784_03.stdhep	3805080	e1e1_o	1	-1
w11784_04.stdhep	3805080	e1e1_o	1	-1
w11784_05.stdhep	3805080	e1e1_o	1	-1
w11783_01.stdhep	3805080	e1e1_o	-1	1
w11783_02.stdhep	3805080	e1e1_o	-1	1
w11783_03.stdhep	3805080	e1e1_o	-1	1
w11783_04.stdhep	3805080	e1e1_o	-1	1
w11783_05.stdhep	3805080	e1e1_o	-1	1
w11782_01.stdhep	3805081	e1e1_o	-1	-1
w11782_02.stdhep	3805081	e1e1_o	-1	-1
w11782_03.stdhep	3805081	e1e1_o	-1	-1
w11782_04.stdhep	3805081	e1e1_o	-1	-1
w11782_05.stdhep	2074539	e1e1_o	-1	-1