

## Large Survey Database Automated Installer

=====

This script will download and prepare an installation of a sandboxed instance of the Large Survey Database. The downloaded packages include most LSD prerequisites, such as Python 2.7, lapack, ipython, numpy, scipy and matplotlib among others. Your system only needs to provide the basic gcc toolchain (gcc, g++ and gfortran), as well as gtk+2.0 header files (if you want to use interactive plotting with matplotlib). These are usually installed by default on many RedHat setups (including derivatives like CentOS, Scientific Linux, etc.).

Contact Mario Juric <mjuric@cfa.harvard.edu> if you encounter problems.

LSD environment destination directory (default: /root/lzd):

Downloading lzd-v0.6.1 from GitHub ... OK.

...

All source packages downloaded.

Should I go ahead and build everything ([yes]/no)? ...

Congratulations, you have successfully built LSD. Source the following shell scripts:

```
source /root/lzd/~lzd/environment.sh
source /root/lzd/~lzd/lzd_environment.sh
```

to set up the paths (and in that order). Having done that, run:

```
lzd-query --version
```

to verify everything went well.

```
[root@isabelle lsd]# lsd-admin create table --drop-existing --schema=/root/lsd/~/.lsd/opt/lsd/lsd-  
v0.6.1/share/lsd/schemas/2mass.yaml 2mass
```

```
----- committing 20150323034022.768003 [2mass] -----  
[2mass] Updating tablet catalog: [256 el.]> 0.07 sec  
[2mass] Updating neighbors: Already up to date.  
[2mass] Updating tablet catalog: [256 el.]> 0.07 sec  
[2mass] Updating stats: [0 el.]> 0.00 sec  
[2mass] Marking tablets read-only...  
----- success 20150323034022.768003 [2mass] -----
```

```
Table '2mass' created.
```

```
[root@isabelle lsd]# ! lsd-import text 2mass ~/lsd/2mass_psc_subset.tbl
```

```
Importing from 1 pieces:
```

```
----- rolling back 20150323040102.797600 -----
```

```
Traceback (most recent call last):
```

```
File "/root/lsd/~/lsd/opt/lsd/current/bin/lsd-import", line 88, in <module>
    args.func(args)
File "/root/lsd/~/lsd/opt/lsd/current/bin/lsd-import", line 53, in chunk_importer
    import_from_chunks(db, importer, chunks)
File "/root/lsd/~/lsd/opt/lsd/current/bin/lsd-import", line 30, in import_from_chunks
    for (chunk, nloaded, nin) in pool.imap_unordered(chunks, import_from_chunks_aux, (db, importer,), progress_callback=pool2.progress_pass):
File "/root/lsd/~/lsd/opt/lsd/current/lib/python/lsd/pool2.py", line 466, in imap_unordered
    for result in mapper(item, *mapper_args):
File "/root/lsd/~/lsd/opt/lsd/current/bin/lsd-import", line 20, in import_from_chunks_aux
    ret = importer(db, chunk, *importer_args)
File "/root/lsd/~/lsd/opt/lsd/current/lib/python/lsd/importers/text.py", line 58, in __call__
    rows = np.genfromtxt(open_ex(fn), dtype=self.dtype, usecols=self.usecols, converters=self.converters, delimiter=self.delimiter, skip_header=self.skip_header, invalid_raise=not self.force)
File "/root/anaconda/lib/python2.7/site-packages/numpy/lib/npio.py", line 1667, in genfromtxt
    raise ValueError(errmsg)
```

```
ValueError: Some errors were detected !
```

```
Line #1 (got 1 columns instead of 8)
Line #2 (got 3 columns instead of 8)
Line #3 (got 3 columns instead of 8)
Line #5 (got 3 columns instead of 8)
Line #6 (got 3 columns instead of 8)
Line #8 (got 3 columns instead of 8)
Line #9 (got 3 columns instead of 8)
Line #11 (got 5 columns instead of 8)
Line #13 (got 1 columns instead of 8)
Line #14 (got 3 columns instead of 8)
Line #16 (got 2 columns instead of 8)
Line #18 (got 3 columns instead of 8)
Line #20 (got 3 columns instead of 8)
Line #22 (got 3 columns instead of 8)
Line #24 (got 3 columns instead of 8)
Line #26 (got 3 columns instead of 8)
Line #28 (got 3 columns instead of 8)
Line #30 (got 2 columns instead of 8)
Line #32 (got 3 columns instead of 8)
Line #34 (got 3 columns instead of 8)
Line #36 (got 3 columns instead of 8)
Line #38 (got 2 columns instead of 8)
Line #40 (got 3 columns instead of 8)
Line #42 (got 3 columns instead of 8)
```

---