

Frames from  
the archive or  
from disk

frameAPI

down select  
channels and  
concatenate series

datacondAPI

Statistical summary,  
decimation  
regression analysis

mpiAPI

start/monitor  
wrapperAPI jobs

Communicate progress  
to & instructions from mpiAPI

wrapperAPI

LALwrapper

libsearch.so

parallel analysis  
search code  
built from LAL  
functions

metadataAPI

Insertion/querying  
of LIGO database  
tables

eventmonAPI

event summary  
analysis, post-  
detection confidence

Events to  
LIGO database

