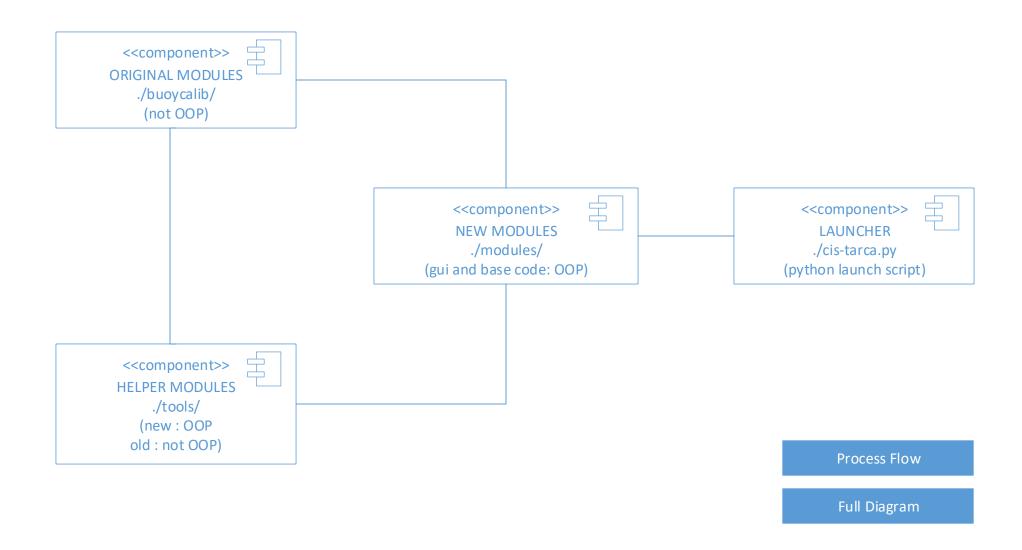
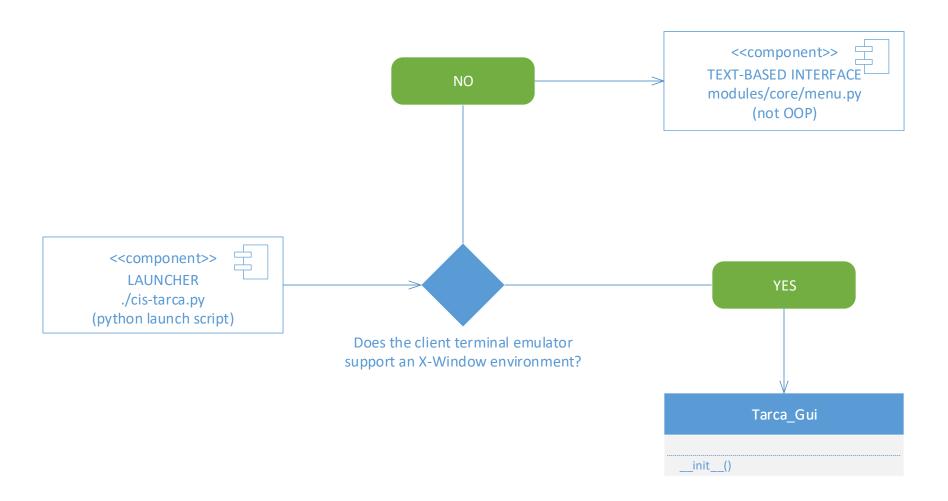
Main Components



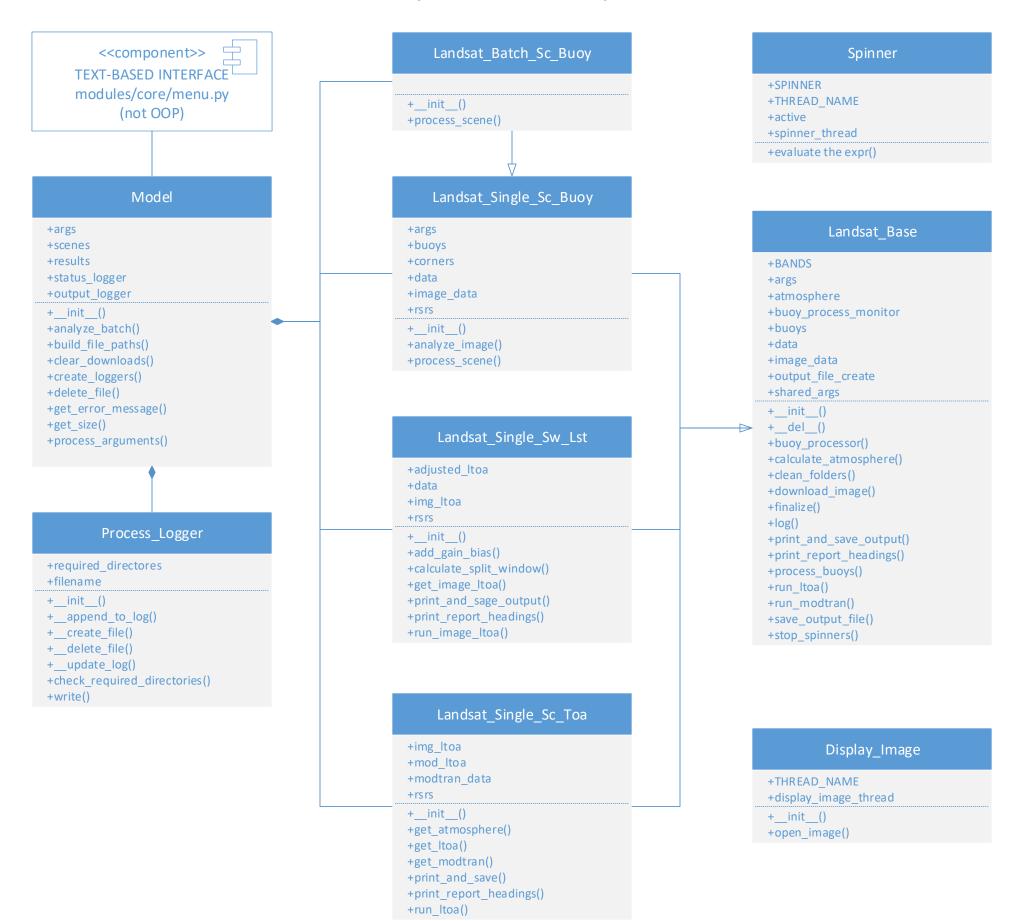


Application Launch

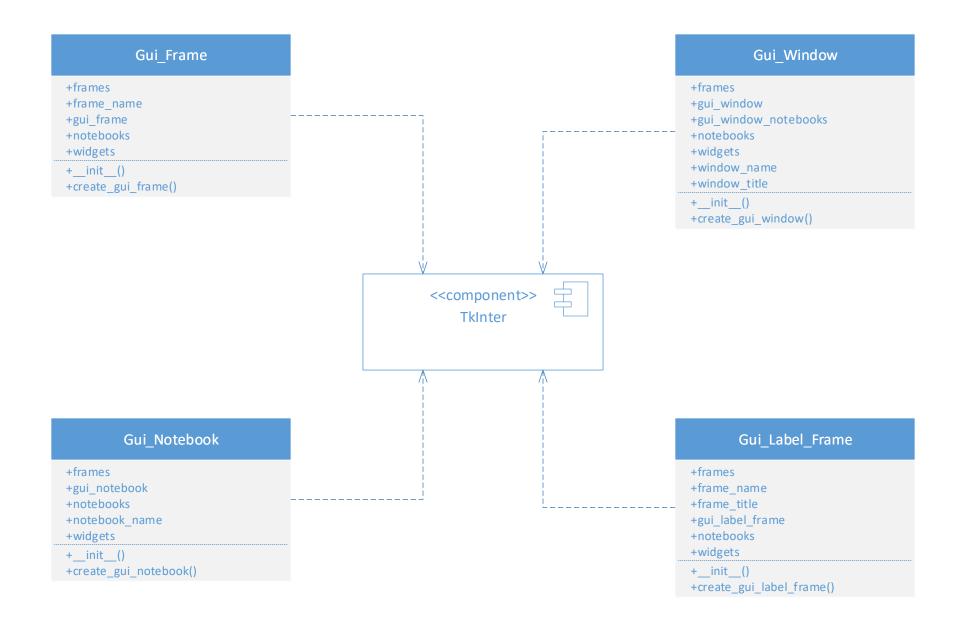




Core Module (Text Interface)

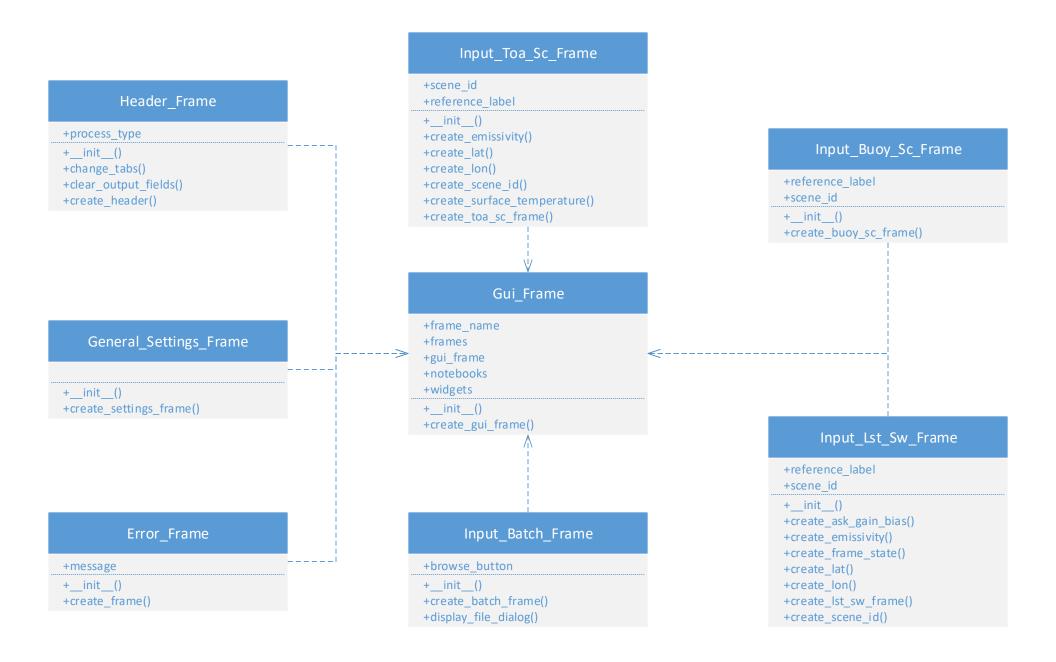


GUI Module Base Classes

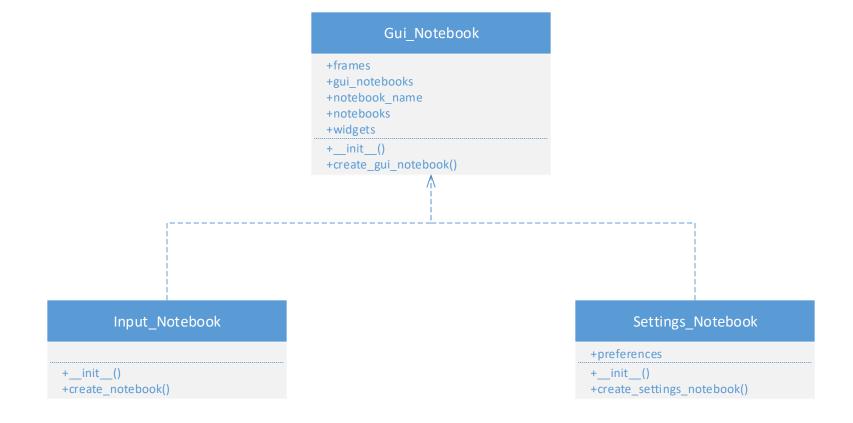




Gui_Frame



Gui_Notebook

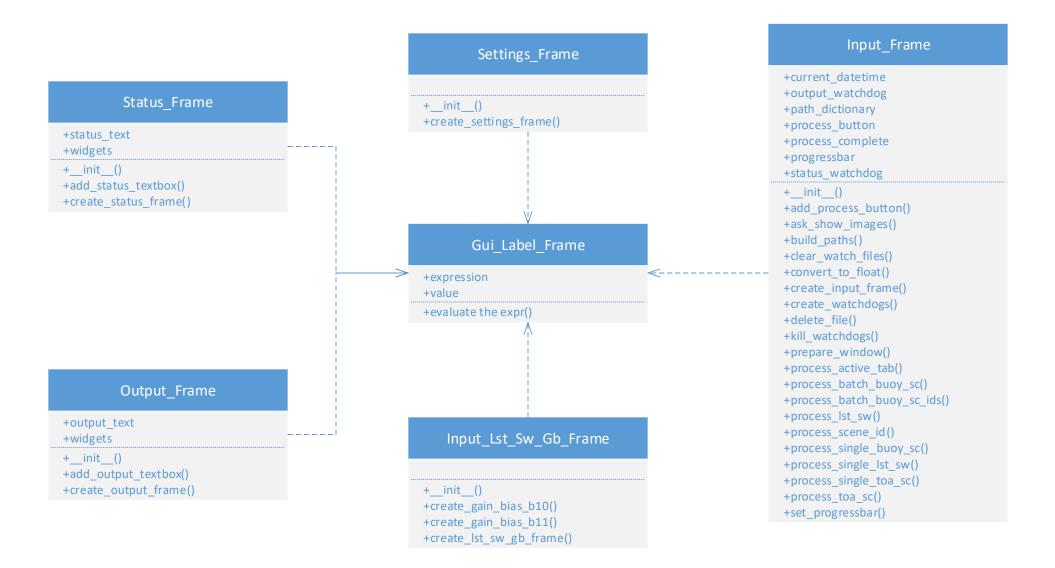


Gui_Window





Gui_Label_Frame



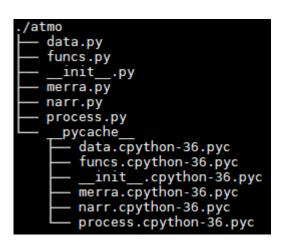


Original Modules

The original modules contain an amalgamation of code that was compiled by the scientist who created the original program. It contains code from various sources, some of which is OOP, however most are just scripts.







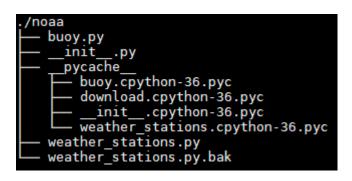


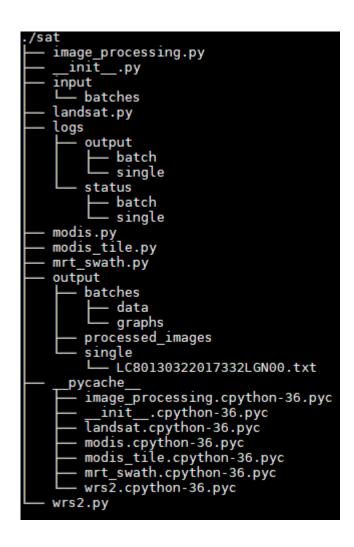
```
/data
  __init__.py
landsat
    L5_B6.rsp
    __ L7_B6_2.rsp
     — L8_B10.rsp
      L8_Bll.rsp
  merra_points.npz
  modis -
    rsr.10.inb.final
     rsr.ll.inb.final
     rsr.12.inb.final
    rsr.13.inb.final
    rsr.14.inb.final
     rsr.15.inb.final
     — rsr.16.inb.final
     rsr.17.inb.final
     - rsr.18.inb.final
     rsr.19.inb.final
     rsr.l.inb.final
     rsr.20.inb.final
     rsr.21.inb.final
    rsr.22.inb.final
     rsr.23.inb.final
     rsr.24.inb.final
    rsr.25.inb.final
    rsr.26.inb.final
    rsr.27.inb.final
     rsr.28.inb.final
    rsr.29.inb.final
    rsr.2.inb.final
    rsr.30.inb.final
     rsr.31.inb.final
     — rsr.32.inb.final
— rsr.33.inb.final
     rsr.34.inb.final
     - rsr.35.inb.final
     rsr.36.inb.final
     rsr.3.inb.final
    rsr.4.inb.final
    rsr.5.inb.final
    rsr.6.inb.final
     rsr.7.inb.final
    rsr.8.inb.final
    — rsr.9.inb.final
     — sn_bound_10deg.txt
     swath2grid_template.prm
  modtran
    — head.txt
    stanAtm.txt
     tail.txt
   └─ water_emis.txt
  noaa
    — buoyht.txt
— cmanht.txt
     — __init__.py
— non_ndbc_heights.txt
     — source_path.txt
   — station_owners.txt
— station_table.txt
  wrs2

    wrs2 descending.dbf

    — wrs2 descending.prj
     wrs2 descending.sbn
     wrs2 descending.sbx
     wrs2 descending.shp
      wrs2_descending.shp.xml
     wrs2 descending.shx
```







```
← BACK
```

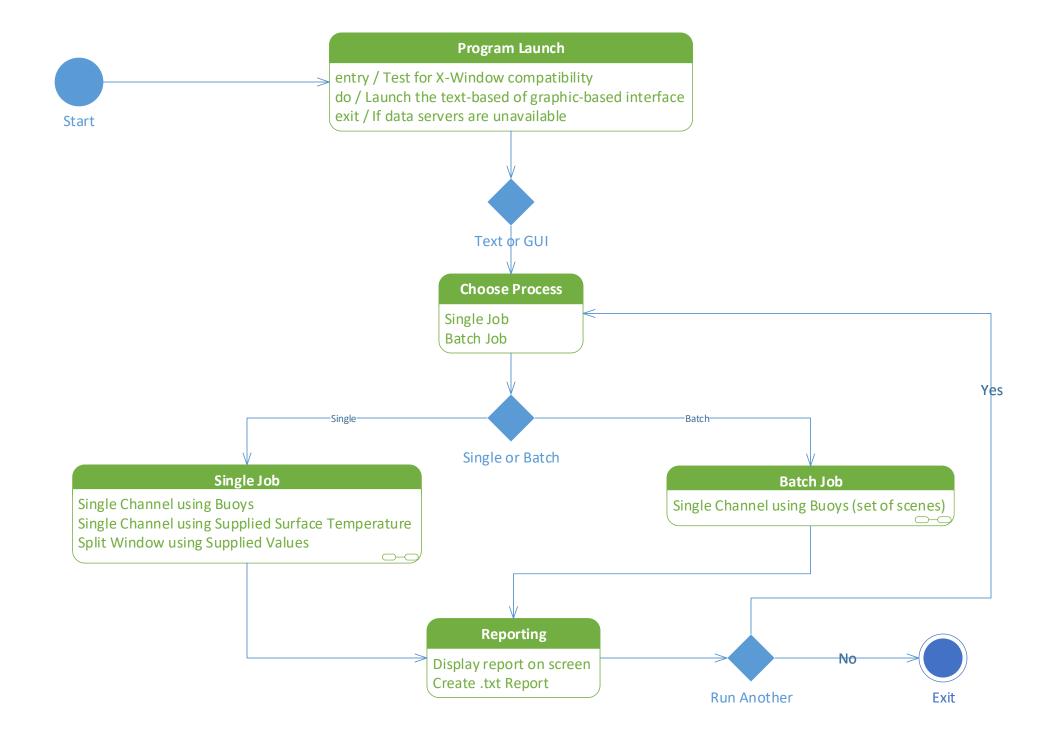
```
./tools
   air.201705.nc
   animation.py
   batch_download.py
   buoy_graph.py
   display_image.py
  download.py
 exception_handler.py

    forward model batch modis.py

 forward_model_batch.py.bak
  generate atmo figure.py
 — get_merra_path.py
  graph_generator.py
     init_.py
   landsat csv to list.py
 landsat-download.py
 - modis_csv_to_list.py
 — modis-download.py
 - no_image.tif
 - pickle_funcs.py
 - process_logger.py
- scenes.py
 - search_for_modis_images.py
 search landsat aws.py

    show narr merra points.py

   spinner.py
  test_paths.py
```



CIS-Tarca Full Diagram

