COMMAND LINE FRONT END

Command line input

help():

A user guide, lists all the
necessary commands for using
our application.

help

main():

Takes command line input and
execute the corresponding
functionalities.

update

pullrequest

download():

Downloads source data from website
such as planet.eu, and NASA.

format():

Takes downloaded data. Organizes
and formats data from different
sources and saves data in our own
data format. We created our own
classes for the convenience of storing
data.

compare():

Compares and returns
the differences between
new data and old data.

merge():

Merges the data by replacing the old
data from OEC with the new data
discovered from planet.eu or NASA.

email_trigger():

Triggers a notification
email and notice the
receiver the update and
the source websites.

xml_generator():

Generates separate xml files with the
given format for the systems that
have been updated.

pullrequest():

Creates a new branch on a Github repo.
Takes the xml files that are generated from
the xml_generator, adds them to the
branch and does a commit. Finally sends a
pull request for the commit.