modules package¶

Submodules¶

modules.flask_app module¶

modules.flask_app.application()¶

Download page indexing.

Returns

redirect to downloadable file

modules.flask_app.index()¶

Main page indexing.

Returns

rendered index.html page

modules.flask_app.map()¶

Map page indexing.

Returns

rendered error.html or mars.html page

modules.flask_app.photos()¶

Gallery page indexing.

Returns

rendered search.html page

modules.flask_app.search()¶

Searching page indexing.

Returns

rendered gallery.html or no_match.html page

modules.images module¶

modules.images.search_images(*date*, *camera*)¶

Applies given date and camera type to the URL and retrieves data from it.

Parameters

- **date** – str
- **camera** – str

Returns

set/None

modules.make_map module¶

modules.make_map.build_map(*data*, *links*)¶

Builds map with folium and custom Map class.

Parameters

- **data** – generator object
- **links** – Array-class object

Returns

Map-class object

`modules.make_map.find_images`()¶

Finds 20 images for displaying on map.

Returns

Array-class object

`modules.make_map.main`()¶

Main function which launches map creation and checks whether to update data file locations.csv.

Returns

None

`modules.make_map.readfile`()¶

Reads data from locations.csv file and returns it as a generator object.

Returns

generator object

modules.parse_location module¶

`modules.parse_location.get_locations`()¶

Retrieves information about location of a mars rover from online XML file.

Returns

list

`modules.parse_location.write_to_file`(*locations*, *attr='w'*)¶

Writes longitude and latitude into CSV file.

Parameters

- **locations** – list
- **attr** – str

Returns

None

Module contents¶

nasa

Navigation

Related Topics

- Documentation overview