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positional-iss

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Abstract

An containerized Flask webserver designed for querying ISS sightings and positions on February 13, 2022. Midterm project for COE332. R is used to produce documentation.

Keywords: positional-iss, Docker, Flask, Python3, R.

0.1. Implementation / Files

0.2. Input Data

- The application queries data from the National Aeronautics and Space Administration (NASA) public website, in particular ISS positional information via the **Public Distribution file** and regional sighting data for the Midwest via the **XMLsightingData_citiesUSA05** file.

Example input data is available at the above links.

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