

Aerial Image Retrieval

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General Approach

- C# (See info on [Bing Maps Tile System](#))
- The [REST Imagery Services](#) can be used to retrieve aerial images (Note that a developer key is required)
- Level of detail, map area, and more can be fed into the imagery services

Example Result

(Input values)

45.219

-122.325

47.610

-122.107



Challenges

1. I struggled with getting the correct aerial output for latitude and longitude values. Initially, I received various error messages, before I worked out the format issues
2. Regardless of the values I enter, I began downloading the same image each time (though changing the level of detail did affect the downloaded image). The reason for this is unclear

Future Steps

Work on the functionality so the correct image is downloaded. Additionally, once this is achieved, it could easily be shown by developing several tests of overlapping aerial images.