

# Read First for Local Map Search

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This small shiny application takes name of the place specified by the user and display the road map of the place entered.

The application calls gmap package developed by David Kahle and Hadley Wickham to do spatial viaualization with ggplot 2.

The program provides the following features:

Change different zoom level of the map using the slider provide, from completely zoom out with level 3 to very close lookup of the location with zoom level of 21.

The application can display different type of maps, the type of map will change per user selection of map type provided by radio button.

The application provides the textbox where user can enter the name of the place he/she is interested, the map will dynamically updated per google map search.

Known limitation: Due to dynamic search nature of the search and stitching of the map, the program waits a bit to display the map. So be patient with the performance. I have tested with different name string for the location. The program generally performs well.