

ggmap

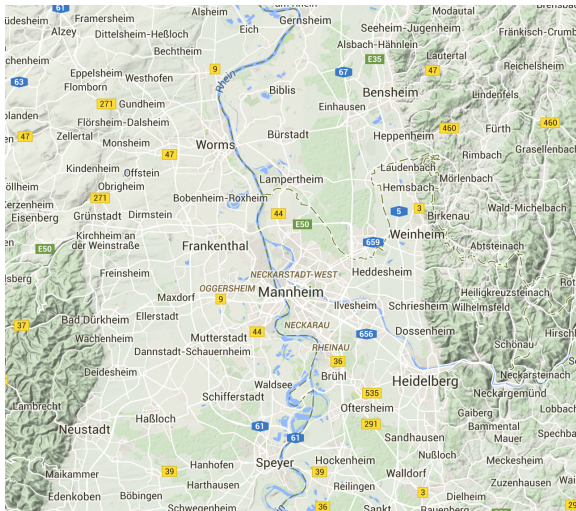
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Paket ggmap

```
library(ggmap)
```

```
qmap("Mannheim")
```



Geocoding

```
POI <- c("B2, 1 Mannheim", "Hbf Mannheim",  
         "Wasserturm Mannheim")  
  
ListPOI <- data.frame(lat=NA, lon=NA)  
  
for ( i in 1:length(POI)){  
  geoPOI <- geocode(POI[i])  
  ListPOI[i, "lat"] <- geoPOI$lat  
  ListPOI[i, "lon"] <- geoPOI$lon  
}
```

Punkte in Graphik

<http://journal.r-project.org/archive/2013-1/kahle-wickham.pdf>

```
MA_map +  
geom_point(aes(x = lon, y = lat),  
data = ListPOI)
```

