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MapTK Research

**Overview**

MapTK is a Mapping Tool Kit that allows you to process maps. While it works on windows, it assumes the user has some knowledge of simple terminal commands and understanding of make files. MapTK allows some map editing tools that let you add filters, find roads, and other such simple tools. It allows highlighting of places of interest, connected paths, defined landmarks, such as cities, and allows some pixel based modifications.

It also allows for python scripts to be run to do more advanced options and map editing.

**Conclusion**

While MapTK is definitely powerful, it feels like you could easily just use ArcGIS for the same things. I personally do not recommend using it for future groups, as it feels like it would require CSE majors to spend their time figuring it out rather than making progress. Furthermore, ArcGIS seems to serve a similar purpose, and ArcGIS feels like it comes with the whole package. However, it is a viable option to consider if the price of ArcGIS makes it seem unviable, as MapTK is in fact, free.