

AUTOMATED CORRECTION AND DETECTION OF SPATIAL DATA USING
ARC/INFO SOFTWARE

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ABSTRACT

ARC Macro Language (AML) is part of the ARC/INFO geographic information system (GIS) software. AML provides information about ARC/INFO objects (e.g., coverage) and specific ARC environments. AML enables operating system to share programs, menus and user interfaces. AML can be used to prompt the user for information, to validate user input, provide meaningful error messages, create commands and create a point-and click interface to ARC/INFO operations. This project is to be develop using AML. To solve the problem, a program will be written using AML to detect errors in the digitized map and prompt the user with alternative solution. The program must be able to access the data and recognize the errors. After all the programming has been written, a menu will be proposed to combine all the written program to form a specific menu interface with alternative solution. As a result the user can benefit from it to make detection and correction process much easier.